

# **BASEL CONVENTION**

**ON THE CONTROL OF TRANSBOUNDARY MOVEMENTS  
OF HAZARDOUS WASTES AND THEIR DISPOSAL**

**Compilation Part I:**

## **REPORTING AND TRANSMISSION OF INFORMATION UNDER THE BASEL CONVENTION FOR THE YEAR 1997**

**(Excluding statistics on generation and transboundary  
movements of hazardous wastes and other wastes)**

Basel Convention Series/SBC No : 99/011  
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# TABLE OF CONTENTS

|  |         |
|--|---------|
| <b>Introduction</b>  | i-ii    |
| <b>Article 13: Paragraph 2</b>                                   |         |
| 2.b National definitions   | 1-8     |
| 2.c Limit or ban on import                                       | 9-13    |
| 2.d Limit or ban on export                                       | 14-18   |
| 2.e Notification of transboundary movement                       | 19-21   |
| <b>Article 13: Paragraph 3</b>                                   |         |
| 3.a Competent Authorities and Focal Points                       | 22      |
| 3.b.i Export of hazardous wastes                                 | 22      |
| 3.b.ii Import of hazardous wastes                                | 22      |
| 3.b.iii Disposals which did not proceed as intended              | 23-25   |
| 3.b.iv Reduction of hazardous wastes                             | 26-76   |
| 3.c Measures for implementation of the Basel Convention          | 77-81   |
| 3.d Effects on health and the environment                        | 82-88   |
| 3.e Bilateral, multilateral and regional agreements              | 89-92   |
| 3.f Accidents  | 93-95   |
| 3.g Disposal options   | 96-119  |
| 3.h Technology development                                       | 120-124 |
| 3.i Other matters  | 125-127 |
| <b>Article 16: Paragraphs 1(g, i and j)</b>                      |         |
| Sources of technical assistance and training                     | 128-137 |
| Available technical and scientific know-how                      | 138-144 |
| Sources of technical advice and expertise                        | 145-153 |
| Availability of resources  | 154-158 |
| Sources of experts available for assistance in case of emergency | 159-160 |
| <b>Annexes</b>   |         |
| (Please see Introduction, page ii, para 2)                       |         |
| Liechtenstein  |         |
| Netherlands  |         |
| Spain  |         |
| Turkmenistan   |         |

## INTRODUCTION

The growing commitment of the Parties to report on Articles 13 and 16 of the Convention is evident from the increased number of responses the Secretariat of the Basel Convention (SBC) received for its 1997 questionnaire on Transmission of Information .

As at 23 September 1999, sixty-three parties responded <sup>1</sup> to the questionnaire: Antigua and Barbuda, Argentina, Austria, Bahamas, Barbados, Belgium, Benin, Bolivia, Brazil, Bulgaria, Burundi, Canada, Chile, Comoros, Croatia, Cuba, Cyprus, Czech Republic, Denmark, Egypt, El Salvador, Estonia, Finland, Gambia, Germany, Greece, Iceland, Indonesia, Iran, Japan, Kuwait, Latvia, Liechtenstein, Luxembourg, Mauritius, Mongolia, Morocco, Mozambique, Netherlands, New Zealand, Niger, Norway, Oman, Philippines, Portugal, Qatar, Republic of Korea, Romania, Russian Federation, Saint Lucia, Slovakia, Slovenia, Spain, Sri Lanka, Sweden, Syria, Thailand, Tunisia, Turkey, Turkmenistan, United Kingdom, Uzbekistan and Viet Nam.

The information provided by Parties, in accordance with Articles 13 & 16 of the Convention is compiled by the Secretariat and is presented in two parts, namely:

- Compilation Part I: Reporting and transmission of information under the Basel Convention (excluding statistics on generation and transboundary movements of hazardous wastes and other wastes) for the year 1997 (*Basel Convention Series/SBC No: 99/011*); and
- Compilation Part II: Reporting and transmission of information under the Basel Convention; statistics on generation and transboundary movements of hazardous wastes and other wastes for the year 1997 (*Basel Convention Series/SBC No: 99/011*).

Part I of the compilation document includes information under the headings, national definitions, limit or ban on import, limit or ban on export, notification of transboundary movement, disposals which did not proceed as intended, transboundary movement reduction measures, measures for implementation of the Basel Convention, effects on health and the environment, bilateral, multilateral and regional agreements, accidents occurring during the transboundary movement and disposal of hazardous wastes, disposal/recovery options available, technology development for the reduction and/or elimination of production of hazardous wastes and other wastes, sources of technical assistance and training, sources of technical and scientific know-how, sources of advice and expertise, sources of resources, sources of experts available for assistance in case of emergency, and other matters.

Part II of the compilation document includes statistical data on generation, export and import of hazardous wastes and other wastes.

In addition, the document entitled "Implementation of Decision IV/III of the fourth meeting of the Conference of the Parties on Transmission of Information for the year 1997" (UNEP/CHW.5/10), summarizes the main elements of the reporting compiled in the Part I and II of the compilation document.

The Country Fact Sheet (CFS) which is prepared by the Secretariat is also one of the products of reporting of the Parties to the Secretariat on Articles 13 and 16 of the Convention. The publication entitled, "Compilation of Country Fact Sheets; Based on reporting and transmission of information under the Basel Convention for the year 1997" (*Basel Convention Series/SBC No: 99/012*) is available from the Secretariat upon request.

Information provided by the Parties in a different format than requested by the Secretariat of the Basel Convention and in language other than English may not always be possible to enter into the database. In the spirit of paper economy, Parties who have provided such information, however, are just listed under the Annex of this document, and the information provided by them could be made available only on request <sup>2</sup>.

While every effort is being made by the Secretariat to ensure that the information provided by Parties is compiled and printed error free, the amount, complexity and evolutionary nature of the information provided is such that inaccuracies might inevitably be found in the compilation documents. The Secretariat will continuously strive for improving the presentation and dissemination of information, and in all cases greatly appreciate feedback from Parties regarding any correction of information printed in this document.

The Secretariat acknowledges and appreciates every effort made by Parties to fulfil the reporting requirements of the Convention and look forward to the continued cooperation with Parties on this matter.

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<sup>1</sup> *Antigua and Barbuda:* Unable at this time to submit the requested data. The Environment Division is currently working on a data collection plan to be implemented later this year .

*Barbados:* There have been no comprehensive records kept on hazardous waste generation and movement for 1997 or any time before this .

*Chile:* Provided information for the years 1992, 1993, 1994, 1995 and 1998 in a single questionnaire which did not contain information for the year 1997.

*Iran:* Secretariat sought for a clarification regarding the reporting year. As at 23 September 1999, no response was received.

*Philippines:* Secretariat received only an updated CFS for the year 1996 and no information was received as at 23 September 1999, for the year 1997.

*Qatar:* Response was limited to "There was no transboundary movement of hazardous wastes (export/import) during 1997".

<sup>2</sup> *Liechtenstein:* Secretariat received only information related to import/export, in German, without y-codes of Annex I and II of the Convention.

*Netherlands:* Secretariat received annual reports, in Dutch, concerning the transfrontier movement of wastes for the years 1996 and 1997.

*Spain:* Completed questionnaire and attachments in Spanish.

*Turkmenistan:* Completed questionnaire in Russian.

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**Para.2(a) and 3(a): “The Parties shall inform each other, through the Secretariat of (a) Designation and changes of Competent Authorities and Focal Points.”**

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Please refer to updated List of Competent Authorities and Focal Points established by the Contracting parties of the Basel Convention

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**Para.2(b)**

**National definitions of hazardous wastes, if different from those listed in Annexes I or II of the Convention or “changes in their national definition of hazardous wastes, pursuant to Article 3.”**

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**Argentina**

Hazardous wastes are those that are listed in Annex I or those substances with a hazardous characteristic listed in Annex III of the Basel Convention.

**Austria**

The definition of hazardous waste is laid down in the Ordinance on Hazardous Wastes (Fed. Law Gaz. 1991/49) and based on the national Standard öNORM S 2101 (edition 1983) “Catalogue of Special Waste” and S 2100 (edition 1990) “Waste Catalogue”. The legal definition of hazardous waste was changed by an amendment of the “Federal Waste Management Act (Fed. Law Gaz. 434/1996). The new definition laid down in Article 2 Para. 5 is in accordance with Annex III of the EU Directive 91/689/EEC on hazardous wastes. A new Ordinance on Hazardous Waste was published in 1997 and will come into force by 1 March 1998. This ordinance is based on a new edition of the Standard öNORM S 2100 (edition 1997). By the year 2000 Austria will change the classification of waste to the system of the European Waste Catalogue and the European Hazardous Waste List.

The present definition of hazardous waste with a cross reference to Annex I of the Basel Convention is available in a draft translation (Annex I to table 1: Ordinance on Hazardous Wastes; Annex II: Standard öNORM S 2100 (1990).

**Belgium**

In Belgium, the definition of hazardous waste is in accordance with the European Law. With regard to transboundary movements of wastes destined for final disposal, the Council Regulation (EEC) No. 259/93 does not differentiate between hazardous or non-hazardous wastes. Waste destined for recovery operation is defined by the Annexes II, III and IV of the Council Regulation (EEC) No. 259/93, following the OECD nomenclature.

**Brussels Region:**

Law of 07.03.91 gives a definition of hazardous waste.

Decision of 09.05.96 fixes a list of dangerous waste. This list in accordance with the Council Decision of 22.12.94 fixing a list of dangerous waste.

**Wallonia:**

Decisions from 09.04.92 and 10.07.97 give a definition of hazardous and toxic waste.

**Flandres:**

Decision of 24.05.95 on hazardous waste is in accordance with the Council Directives of the European Community on hazardous waste (91/689/EEC and 94/904/EC).

**Benin**

There are no additional categories of wastes to be controlled and categories of wastes requiring special consideration in addition to those listed in Annexes I and II of the Basel Convention.

## **Bolivia**

At present, there is no national definition on the control of transboundary movements and the environmentally sound management of hazardous wastes in force.

## **Brazil**

Besides those hazardous wastes listed in Annexes I and II of the Basel Convention, the Brazilian legislation defines as controlled wastes Annex 10 of Resolution nr. 23/96. They are used tires, asbestos powder, asbestos wastes, galvanization mattes containing mostly zinc, ashes and wastes containing mostly zinc, ashes and wastes containing mostly lead, ashes and wastes containing mostly copper, ashes and wastes containing mostly aluminium, ashes and wastes containing mostly vanadium, other ashes and wastes containing mostly titanium, other ashes and wastes containing metal or metal compounds, other wastes of petroleum oils or bituminous minerals, residual lye from the manufacture of cellulose paste to sulphite, residual lye from the manufacture of cellulose paste to soda or sulphate, lignosulphonates, blast-furnace granulated slag (slag sand) from the manufacture of iron and steel, slag and other wastes from the manufacture of iron and steel, other slag and ashes, slag from dephosphorization, dust from skins, treated or not with chrome, wastes and residues from copper, wastes and residues from nickel, wastes or residues from aluminium, wastes and residues from lead, wastes and residues from zinc, wastes and residues from tin, wastes and residues from tungsten, wastes and residues from molybdenum, wastes and residues from tantalum, wastes and residues from beryllium, wastes and residues from chrome, wastes and residues from germanium, wastes and residues from vanadium and wastes and residues from other common metals.

## **Bulgaria**

The National definition of hazardous waste is in accordance with Annex I and Annex II of the Basel Convention.

## **Burundi**

Hazardous wastes are wastes which need high surveillance and which cannot be kept or incinerated in ordinary dumps in order to avoid negative effects to human health and the environment.

N.B.: As Burundi is a country with a weak economy, certain products which are considered wastes in other places remain consumer goods such as used clothes and used tires which are not considered wastes.

Categories of wastes to be controlled and categories of wastes requiring special consideration in addition to those listed in Annexes I and II of the Basel Convention are:

Waste streams: Wastes which contain heavy metals.

## **Canada**

In Canada, the definition of hazardous waste for the purposes of controlling transboundary movements destined for final disposal is given in section 43(4) of the *Canadian Environment Protection Act, 1988 (CEPA)*. In order to meet this definition, a waste must either be found on an inclusive list of more than 3000 substances and mixtures or meet one of the hazard class characteristics. Specific testing, criteria and protocols exist in the *Canadian Transportation of Dangerous Goods Regulations (TDGR)* for the following hazard classes (which in most cases are analogous to the Basel Annex III characteristic identified): substances that are gases or aerosols, flammable liquids (H3), flammable solids (H4.1), liable to spontaneous combustion (H4.2), emit flammable gases in contact with water (H4.3), oxidizing (H5.1), organic peroxides (H5.2), poisonous (H6.1), infectious (H6.2), corrosive (H8), hazardous to the environment (H12), leachate toxic (H13), or are otherwise designated as hazardous. Those substances which are explosive (H1) or radioactive are excluded from the definition for waste and are controlled under other Canadian federal legislation.

It would be very difficult to extract from the more than 3000 listed wastes those that are not covered by Basel Annex I or Annex II. Canada controls all of Annex I and Annex II wastes when they exhibit a hazardous characteristic. Canada also controls wastes, even if not included in Annex I, as long as it exhibits a hazardous characteristic.

Waste streams: Industrial waste streams are complex wastes that come from certain specific industrial processes. 100 waste streams are listed in the *Transportation of Dangerous Goods Regulations (TDGR)* and all OECD amber and red listings are included in the EIHWR when they exhibit a hazard. Some of these could serve as examples of wastes which would not always be covered by Annex I.

Waste having as constituents: Canada uses a leachate procedure to characterize H13 wastes. Concentrations of contaminants listed in the *Canadian Drinking Water Quality Guidelines* are assessed during the procedure. Some of these contaminants, for example, boron and barium, are not found on Annex I. The more than 3000 listed wastes by Canadian regulations include a few hundred substances identified as being hazardous to the environment. A number of these substances, when wastes, do not have a corresponding Annex I or II entry.

\*For more information on waste classification, refer to the website: [http://www.tc.gc.ca/tdgoods/consult/non-desing/note\\_e.htm](http://www.tc.gc.ca/tdgoods/consult/non-desing/note_e.htm)

### **Comoro**

The National definition of hazardous wastes is in accordance with the Annexes I and II of the Basel Convention.

### **Croatia**

National definition of hazardous wastes is in accordance with the Annexes I and II of the Basel Convention.

### **Cyprus**

National definition of hazardous wastes is in accordance with the Annexes I and II of the Basel Convention.

### **Czech Republic**

Since 1 January 1998, all transboundary movements of wastes are controlled by means of the OECD Green, Amber, and Red Lists of Wastes. Temporarily, the Czech Republic has introduced a number of exceptions from these Lists of Wastes. There are 43 items of the OECD Green List controlled as if they were on the OECD Amber List and 58 items of the OECD Amber List are controlled as if they were on the OECD Red List. The most important exceptions to the Green List are: worn clothing, used tyres, solid plastic wastes, electronic scrap, motor vehicle wrecks, aluminium skimmings, etc. A significant reduction of number of exceptions since 2000 is proposed.

### **Denmark**

Reference is made to the Council Directive on Hazardous Waste 91/689/EEC and to the list of hazardous waste as adopted by the Council Decision 94/904/EEC.

The additional 'Waste having as constituents' are Vanadium compounds (C2); Cobalt compounds (C4); Nickel compounds (C5); Silver compounds (C10); Tin compounds (C12); Inorganic sulphides (C19); alkaline earth metals; lithium, sodium potassium; calcium; magnesium in uncombined form (C22); peroxides (C28), Chlorates (C29); perchlorates (C30), azides (C31); creosote (C36); isocyanates; thiocyanates (C37); aromatic compounds; polycyclic and heterocyclic organic compounds (C43), aliphatic amines (C44), sulphur organic compounds (C48); hydrocarbons and their oxygen; nitrogen and/or sulphur compounds not otherwise taken into account in this annex (C51).

### **Egypt**

The national definition of hazardous waste is in accordance with Annexes I and II of the Basel Convention. Categories of wastes to be controlled and categories of wastes requiring special consideration in addition to those listed in Annexes I and II of the Basel Convention are:

Waste streams: wastes from petroleum works.

Waste having as constituents: Dioxine and furan merkaptane.

### **Estonia**

Hazardous wastes are considered as wastes which pose hazard to human health and environment due to their properties and require special processing while disposing.

## **Finland**

The national definition of hazardous wastes was defined by the Ministry of the Environment Decision 867/96, which established a list of the most common wastes and of hazardous wastes. This list is based on the European Waste Catalogue (Commission Decision 94/3/EC) and the Hazardous Waste List (Council Decision 94/904/EC). The decision came into force on 1 January 1997.

The wastes that are subject to control procedures when transboundary movement occurs are defined by the Council Regulation (EEC) on the supervision and control of shipments of waste within, into and out of the European Community (259/93), and the regulations issued on the basis of the said Regulation.

Categories of wastes requiring special consideration in addition to those listed in Annexes I and II of the Basel Convention are:

Wastes having as constituents: Annex 3 of the Finnish Waste Decree (1390/1993), which corresponds to Annex II of the EC Directive on hazardous waste 91/689/EC and Table 4 of OECD Council Decision C(88)90 as revised in 1994, identifies constituents of wastes which potentially render wastes hazardous. The list includes the following constituents, in addition to those mentioned in Annex I of the Basel Convention: vanadium compounds; cobalt compounds; nickel compounds; silver compounds; tin compounds; barium compounds; inorganic sulphides; alkaline or alkaline earth metals: lithium, sodium, potassium, calcium, magnesium in uncombined form; peroxides; chlorates; perchlorates; azides; creosotes; isocyanates; thiocyanates; aromatic compounds; polycyclic and heterocyclic organic compounds; sulphur organic compounds; aliphatic amines; hydrocarbons and their oxygen, nitrogen and/or sulphur compounds not otherwise taken into account in this Annex.

## **Gambia**

The National definition of hazardous wastes is yet to be defined.

It was agreed that a task force be set up to come up with a national definition of wastes and hazardous wastes. The waste legislation study recommends that this definition be broader than the Basel definition. A proposal is that the Bamako definition be adopted.

The preliminary inventory of hazardous wastes to be conducted in mid June 1999, will also help in the elaboration of the national definition of hazardous wastes.

## **Germany**

In Germany, the "Waste Avoidance, Recycling and Disposal Act" came into force on 7 October 1996. With this Act and the Ordinance on the classification of Wastes requiring Special Supervision, the list of hazardous wastes as adopted by Council Decision 94/904/EC has been implemented within the German legislation. The waste codes do not refer to the Y-Categories of Annex I and II of the Basel Convention. With regard to transboundary movements of wastes destined for final disposal, the Council Regulation No. 259/93 which is legally binding for all Member States of the EC – does not differentiate between hazardous and non-hazardous wastes.

Wastes destined for recovery operations are defined by the Annexes II to IV of Council Regulation (EEC) No. 259/93, following the OECD nomenclature (Green, Amber and Red List).

For the time being, it is hardly possible to contrast these lists with the Annexes I and II of the Basel Convention. Therefore Table 1 is not filled in.

## **Greece**

The National definition of hazardous waste is in accordance with European Union Directives No. 259/93, for transportation and No. 91/689.

## **Iceland**

Hazardous wastes are defined in Regulation No. 48/1994. Categories and types of hazardous wastes are listed in two annexes, 4 and 19, to the regulation. Annex 19 is in accordance with Council Directive 91/689/EEC.

Council Regulation (EEC) No. 259/93 has been in force since its implementation by Regulation No. 377/1994.

## **Indonesia**

The Government Regulation No. 18/1999 regarding hazardous and toxic waste management provides the categories of wastes to be controlled and categories of wastes requiring special consideration in addition to those listed in Annexes I and II of Basel Convention.

**Japan**

At present, there is no national definition of hazardous wastes.

**Kuwait**

The hazardous waste definition is in accordance with the Annexes I and II of the Basel Convention.

**Latvia**

For the purpose of control of transboundary movement of waste are used Annexes I and II of the Basel Convention. For the other purposes is used national classification of the hazardous waste.

**Luxembourg**

National definition of hazardous wastes is in accordance with the Annexes I and II of the Basel Convention.

**Mauritius**

Regulations have been drafted for the definition of hazardous wastes.

**Mongolia**

The national definition of hazardous wastes of Mongolia is that any waste which due to their biological, physical, chemical characteristics, or having teratogenic or mutagenic effects, causing danger to health or the environment. Particularly, wastes of Annex I and exhibiting hazard characteristics of Annex III of the Basel Convention.

**Morocco**

The list of hazardous wastes is in preparation with other ministries concerned, in accordance with the National Project of Solid Wastes Management Legislation.

**New Zealand**

National consultation is underway on options for national definition of hazardous waste. These will be compatible with international agreements.

**Niger**

The National definition of hazardous wastes of Niger, given in its national legislation is same as the Bamako Convention definition. Section 6 of the Law No. 98-56 includes management of hazardous wastes. The Implementation of Section 6 will establish, the list of scheduled wastes, with the help of the UNEP/UNDP (ELI/PAC, Nairobi) project, in 1999.

**Norway**

According to the Pollution Control Act of the 13 March 1981, waste means discarded objects or substances. Hazardous waste means waste that cannot be treated together with consumer waste because it may lead to serious pollution or risk of injury to persons or animals.

**Oman**

In 1997, there are no categories of wastes to be controlled and categories of wastes requiring special consideration in addition to those listed in Annexes I and II of the Basel Convention. However, considering that in the future the wastes form crude oil extraction industry and also from national defense and security activities will be classed as categories requiring special consideration because many of these wastes cannot be allocated to those categories existing in Annexes I & II of the Basel Convention.

**Portugal**

Portugal, in September 1997, published new legislation in waste management area (Decree-Law No 239/97 which substitutes Decree-Law No 310/95). In this new legislation, the definitions of waste and hazardous waste are the same as in EU directives on wastes and hazardous wastes.

The national lists of wastes and hazardous wastes are those established respectively by the EC Commission Decision No 94/3/EC and EC Council Decision No 94/904/EC, published into Portuguese Law in "Portaria" No 818/97, 5 September.

**Republic of Korea**

The List of Wastes to be Controlled in accordance with the “Act Relating to the Transboundary Movement of Wastes and their Disposal” was amended on 15 July 1998 to incorporate Basel’s new list and OECD instruments.

**Romania**

There are no categories of wastes to be controlled and categories of wastes requiring special consideration in addition to those listed in Annexes I and II of Basel Convention.

**Russian Federation**

To be defined in the new waste classification system.

**Saint Lucia**

Categories of wastes to be controlled and categories of wastes requiring special consideration in addition to those listed in Annexes I and II of the Basel Convention are:

Waste streams: Expired fungicides, nematocides, herbicides, insecticides and used containers; and Distillery waste.

**Slovakia**

Categories of wastes to be controlled and categories of wastes requiring special consideration in addition to those listed in Annexes I and II of the Basel Convention are:

Waste streams: Veterinary wastes; Wastes from leather processing; Waste sulfides of alkaline metals and alkaline soil metals; Red and brain sludge from aluminium production; Waste aluminium sulfate and aluminium phosphate; Fly ash; Waste ammonia solution; Organic and inorganic peroxides; and Sewage sludge.

Waste having as constituents: Mineral oil and oil products; and Vanadium.

**Slovenia**

According to the Order Amending the Order on Export, Import and Transit of hazardous wastes, issued at the end of 1998, a new definition of hazardous waste in the case of transboundary movement of waste is defined as “Hazardous wastes referred to in the preceding paragraph shall be the wastes listed in the Amber and Red Lists in Annex I, which is an integral part of this order”. The Amber and Red lists are the same as the mentioned lists in Commission decision 98/368/EC.

**Sri Lanka**

Categories of wastes to be controlled and categories of wastes requiring special consideration in addition to those listed in Annexes I and II of the Basel Convention are:

Waste streams: Waste arising from formulation and/or manufacture of pesticides (totally banned).

Waste having as constituents: Radioactive waste (totally banned).

**Sweden**

As contained in the wastes listed in Annexes III and IV of EU regulations 259/93 on the supervision and control of shipments.

**Syrian Arab Republic**

Categories of wastes to be controlled and categories of wastes requiring special consideration in addition to those listed in Annexes I and II of the Basel Convention are:

Waste streams: PVC and PVC coated cable; and residues arising from treatment of industrial wastes.

## Thailand

Waste Streams: Hazardous wastes to be controlled for the import and export were defined in list of hazardous substances, item: Chemical Wastes in the Notification of Ministry of Industry on List of Hazardous Substances B.E.2538 (1995) issued under the Hazardous Substance Act B.E.2535 (1992) in accordance with the wastes listed in Annex I of the Basel Convention (Y1-Y44).

According to the notifications of the Ministry of Industry No. 6 B.E. 2540 (1997) issued pursuant to provisions in the Factory Act B.E. 2535 (1992) on disposal of wastes or unusable materials, the categories of industrial hazardous wastes were defined and listed in 4 items as follows:

Item 1 Hazardous wastes: Ignitable, corrosive, reactive, toxic and leachable substance;

Item 2 Hazardous wastes from non-specific and specific sources;

Item 3 hazardous wastes: discarded commercial chemical products, off-specification species, container residues, and spill residues (Acute hazardous and toxic hazardous chemicals);

Item 4 Hazardous wastes: Chemical wastes.

According to the Notification of the Ministry of Industry No. 1 B.E.2541 (1998) issued pursuant to the provisions in the Factory Act B.E. 2535 (1992) on Disposal of Wastes or Unusable Materials, the categories of industrial wastes were defined and listed in 2 sections as follows:

Section 1 Industrial Non-Hazardous Wastes;

Section 2 Wastes and unusable materials from specific industrial processes.

Waste having as constituents: According to the above mentioned notification, the definition of wastes having as constituents is in the item 1(5) and Item 3 of the Characteristics and properties of hazardous wastes, as defined under notification of Ministry of Industry No. 6 B. E. 2540 (1997) which was issued under Factory Act B. E. 2535 (1992).

## Tunisia

The national list of hazardous wastes contain annexes I and II of the Basel Convention. Categories of wastes to be controlled and categories of wastes requiring special consideration in addition to those listed in Annexes I and II of the Basel Convention are:

Waste streams: Agrochemical wastes arising from primary production of agriculture, horticulture and agro-food; wastes arising from industries of leather and textile; wastes of mineral chemistry processes; wastes of organic chemistry processes; wastes arising from facilities of wastewater treatment and industry water; and municipal wastes including fractions collected separately.

Wasting having as constituents: Vanadium compounds; cobalt compounds; silver compounds; tin compounds; barium compounds excluding Barium sulphate; inorganic sulphides; peroxides; azides; creosotes; chlorates; perchlorates; aliphatic amines, aromatic amines; organic compounds of sulphur; isocyanates and thio-cyanates; aromatic compounds; polycyclic and heterocyclic organic compounds; hydrocarbons and their oxygenated; nitrogenated and sulphurated compounds; and the following alkaline or alkaline-earth metals: lithium, sodium, potassium, calcium and magnesium in a non combined form.

## Turkey

Wastes deemed within the scope of waste according to Annex I and II of the Basel Convention and having one or several of the hazardous characteristics included and/or specified within Annex III of the Basel Convention and materials polluted by these wastes. Under Turkish regulation, hazardous wastes lists performed according to (I) reasons why materials are intended for disposal, (II) disposal operations, (III) list of hazardous characteristics and (IV) constituents of potentially hazardous wastes.

Categories of wastes to be controlled and categories of wastes requiring special consideration in addition to those listed in Annexes I and II of the Basel Convention are:

Waste streams: Waste oils; drilling muds; gypsum and ashes from incineration plants.

**United Kingdom**

The definition of hazardous waste for domestic movement derives from Directive 91/689/EC on hazardous waste and Decision 94/904/EC, which sets out an EC list of hazardous waste. The UK transposed the above by way of the Special Waste Regulation 1996.

Article 1(4) of the 1991 Directive allows EC member states to go beyond EC hazardous waste lists. The UK has taken up this option through setting out criteria by which waste, not on the hazardous waste list but which possesses one or more of a limited number of hazardous waste properties, is also recorded as hazardous.

**Uzbekistan**

Because of the fact that there is no classification of hazardous wastes in Uzbekistan, hazardous wastes are such wastes as those that are listed in Annexes I and II of the Basel Convention.

**Viet Nam**

Article 2 on the Law on the Environmental Protection of Viet Nam stipulates that wastes are substances discharged from daily life, production processes or other activities. Wastes may take a solid, gaseous, liquid or other forms.

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**Para. 2(c):**

**“Decisions made by them not to consent totally or partially to the import of hazardous wastes or other wastes for disposal within the area under their national jurisdiction.”**

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**Argentina**

Decisions have been made not to consent totally to the import of hazardous wastes or other wastes for any purpose.

**Austria**

There is no formal decision of a ban. An import license is granted on a case by case basis if there is an authorized disposal or recycling facility and there is sufficient free capacity. The legal basis of waste import and export is the Federal Waste Management Act (Fed. Law Gaz. 1990/325 as amended) (text available at: <http://www.bka.ris.intra.gv.at/plweb-cgi/auswahl>; keyword:AWG) and EU shipment Regulation (259/93/EEC as amended (text available at : <http://europa.eu.int/eurlex/en/index.html> or <http://www.bka.ris.intra.gv.at/plweb-cgi/auswahl>)).

**Belgium**

Partial consent to the import of hazardous wastes or other wastes for disposal within the area under the national jurisdiction. There are articles 3, 4, 19, 20 of the Council Regulation (EEC) 259/93 for final disposal; articles 6, 7, 8, 9, 10, 21, 22 of Regulation 259/93 for recovery; and articles 6, 7, 8, 9, 10, 21, 22 for Regulation 259/93. The authorities will not consent the import in case of no license for the treatment of the waste, incomplete notification, former illegal traffic.

**Benin**

In Benin, there is a ban on import of hazardous wastes.

**Bolivia**

According to the Art. 31 of our Environmental Law, it is forbidden to import for disposal and purpose and movement of any waste (hazardous), radioactive and toxic through the Bolivian territory.

**Brazil**

Partial consent to the import of hazardous wastes or other wastes for disposal. Brazilian legislation (CONAMA Resolution No. 23/96) prohibits the import of hazardous wastes since 13 January 1997. However, the import of lead battery wastes was permitted, exceptionally and temporarily, (20 August to 31 December 1997) through CONAMA Resolution No. 228/97. Such imports required the prior approval of the Brazilian Environment Agency, the Environment Improvement Plan and the Auditing Report.

**Bulgaria**

Consent to the import of hazardous wastes or other wastes only for the needs of production. The import of hazardous wastes or other wastes for final disposal is totally prohibited.

**Burundi**

Decision is made not to consent totally to the import of hazardous wastes.

**Canada**

Import from non-parties are not permitted unless subject to an Article 11 agreement.

**Comoros**

There is a total consent for not importing hazardous wastes or other wastes for final disposal, recovery and recycling purposes.

**Croatia**

According to the Croatian Law on Waste, the import of hazardous waste is forbidden.

**Cuba**

Total ban on the import of hazardous wastes or other wastes for final disposal.

**Cyprus**

There is a ban on import and export of hazardous wastes or other wastes for final disposal.

**Czech Republic**

The import of wastes with the purpose of their final disposal in the Czech Republic is banned.

**Denmark**

There are no decisions taken regarding the import of hazardous wastes for disposal.

**Egypt**

The Egyptian Environmental Law prohibits the importation of hazardous waste or other waste destined for final disposal or recycling and prohibits the passage of these wastes through its territories.

**El Salvador**

Decisions are made not to consent totally to the import of hazardous wastes or other wastes for any purpose.

**Estonia**

Estonia does not consent to import hazardous wastes or other wastes for the purpose of final disposal.

**Finland**

According to the Government Decision (495/98) on the Part of the National Waste Plan concerning Transfrontier Movements of Wastes, the import of waste for land treatment (D2), deep injection (D3), surface impoundment (D4), release into a water body (D6) or seas (D7), incineration at sea (D11) or permanent storage (D12) is prohibited. The import of waste for disposal operations D8 and D9 are also prohibited if the further disposal of wastes arising from the disposal impedes the disposal of waste generated in Finland. In addition, the import of waste for deposit into or onto land (D1) or at a specially engineered landfill (D5) or for the purpose of incineration (D10) at a facility other than one intended for the specific purpose of incinerating hazardous waste, is allowed only in specific cases related to the regional co-operation with the neighboring countries (Sweden, Norway).

**Gambia**

Gambia is a Party to the Bamako Convention and it is in its final stages of ratifying the Ban amendment of the Basel Convention. The decision therefore is a total ban on import of hazardous wastes or other wastes for any purpose.

This decision is contained in the waste legislation study conducted between February and May 1999 and will be incorporated in the national waste legislation which is presently being drafted.

**Germany**

Germany fulfils the Provisions of the Council Regulation (EEC) No. 259/93 of 1 February 1993 on the supervision and control of shipments of waste within, into and out of the EC, specially referring to Art. 19 Para 1, Art. 21 Para 1, i.e. total ban for the import of hazardous wastes from non-Parties to the Basel Convention.

**Greece**

EU legislation has been adopted concerning the supervision and monitoring of transboundary movement of hazardous wastes.

**Iceland**

No decisions were made not to consent totally or partially to the import of hazardous wastes.

**Indonesia**

Decision is made not to consent totally to the import of hazardous wastes or other wastes. Exception: prohibition on import waste lead and scrap (used batteries) after Sept 2002.

**Japan**

“Law of control of export, import & others of specified wastes & other wastes” came into force on December 1993. This national law has the same contents with those of the Convention. Japan has controlled transboundary movement of hazardous wastes from/to Japan, by strict implementation of the Law.

**Kuwait**

Prohibits the import of hazardous wastes for the purpose of recycling or disposal.

**Latvia**

In Latvia, decisions are made no to consent totally to the import of hazardous wastes or other wastes for disposal, with the exception to import from Estonia and Lithuania for recovery, if exist an international agreement.

**Mauritius**

Draft regulations have been prepared in connection with the total ban on import of hazardous wastes or other wastes.

**Mongolia**

The decision is a total prohibition on the import of hazardous wastes or other wastes.

**Morocco**

The national legislation on management of wastes including regulation on importing of hazardous wastes has been made but not yet in force. However, the import of hazardous wastes is not permitted.

**New Zealand**

No decisions were made which would ban or limit the export or import of hazardous wastes.

**Niger**

Niger does not import hazardous wastes. Importing hazardous wastes or its transit is forbidden in Niger.

**Norway**

Norway always requires consent for import of hazardous waste for all types of treatment.

**Oman**

All import of hazardous waste is banned by Oman for all purposes.

**Portugal**

Decisions are made not to consent partially to the import of hazardous wastes or other wastes for disposal. Under the Council Regulation (EEC) No 259/93, Portugal applies Articles 4, 7, 19 and 21 depending on the case, Portugal also applies Article 19 of Decree-Law No 239/97.

**Republic of Korea**

Import prohibition: none.

**Romania**

In accordance with the Law on Environmental Protection no. 137/1995, the import of hazardous wastes is banned. The import of the waste is permitted only for the wastes which are used as raw materials in existing technical capacities.

**Russian Federation**

Decisions are made no to consent totally to the import of hazardous wastes or other wastes for disposal and recycling purposes.

**Saint Lucia**

Decisions are made not to consent totally to the import of hazardous wastes or other wastes for any purpose.

**Slovakia**

Decisions are taken not to consent totally to the import of hazardous wastes or other wastes for disposal due to insufficient capacity of disposal facilities within Slovakia.

**Slovenia**

Hazardous wastes can be imported, exported or transited only through defined border crossings. The import of hazardous wastes for disposal operations specified in Annex IV Section A of the Basel Convention shall be prohibited in the Republic of Slovenia.

**Sri Lanka**

Decisions were taken no to consent totally to the import of hazardous wastes or other wastes for final disposal. Waste streams are totally banned and the wastes having as constituents – Y22, Y23, Y32, Y34, Y35, Y39, Y40, Y42, Y46 and Y47 are restricted. Other wastes totally banned.

**Syrian Arab Republic**

Total ban on the import of hazardous wastes or other wastes and considers the illegal traffic in hazardous wastes a criminal act.

**Thailand**

Thailand has a policy to ban the import of hazardous waste for final disposal and strictly control the import of hazardous waste for recovery i.e. the decision on “Ban to the import of used lead-acid batteries for either disposal or recovery” (1993) and the decision on “strictly control the import of used plastic scraps for recovery.”

**Tunisia**

The national list of hazardous wastes contains namely Annexes I and II of the Basel Convention. Thus, the import of hazardous wastes and other wastes which come under the Basel Convention (Y1 to Y47) is totally banned for any purpose. The national list of hazardous wastes contains namely Annexes I and II of the Basel Convention. Thus, the import of hazardous wastes and other wastes which come under the Basel Convention (Y1 to Y47) is banned.

**Turkey**

According to the National Regulation on the Control of Hazardous Waste, importation of all kinds of wastes is prohibited. However, the importation of some waste scraps which have a metal content equal or higher than 65% are being controlled according to the Communiqué (97/3) on “Substances Controlled for Purpose of Protecting the Environment” which was published 25 December 1996.

**United Kingdom**

The following information is drawn from the UK Management plan for exports and imports of waste which explains the essential elements of the UK government’s policies for different types of waste shipment. The plan came into effect on 1 June 1996.

Imports of waste for some disposal operations are banned without exception. These are release into water bodies (oceans, se beds, rivers etc.); Incineration at sea; permanent storage; and temporary storage.

For some other disposal operations, exceptions are allowed where the exporting country does not have and cannot be expected to get suitable facilities, and where such facilities are not available closer to that country. These disposal operations are landfill; biological, chemical or physio-chemical treatment; and incineration.

Imports for these types of disposal would usually only be allowed from developing countries. But in the case of high temperature incineration, there will be cases where even EC Member States do not produce enough hazardous waste to justify their own facilities. The UK has therefore agreed to accept imports of hazardous waste for high temperature incineration from Ireland and Portugal. Imports from other Member States will be allowed on a reducing basis until 31 May 1999, after which they will stop altogether. However, imports for high temperature incineration will be allowed from any country in cases of emergency (non-Parties to the Basel Convention would need a bilateral agreement first).

In addition, certain other prohibitions apply by virtue of other Regulations made under Health and Safety legislation:

- the importation of amphibole asbestos into the UK is prohibited by virtue of regulation 3 of the Asbestos (Prohibitions) Regulations 1992.
- the importation into the UK other than from another Member State of the European Economic Area of the following substances and articles is prohibited under regulation 4(2) of The Control of Substances Hazardous to Health Regulations 1994 namely:
  - a) 2-naphthylamine, benzidine, 4-aminodiphenyl, 4-nitrophenyl their salts and any substance containing any of these compounds in a total concentration exceeding 0.1 percent by mass
  - b) matches made with white phosphorus.

#### **Uzbekistan**

No decisions have been made yet to not to consent totally or partially to the import of hazardous wastes or other wastes.

#### **Viet Nam**

Article 29 of the Law on the Environmental Protection prohibits any export and import activities of wastes. Under the article 29 and article 2 of the Law on the Environmental Protection, all wastes, including but not limited to wastes specified in Annex I, II and III of the Basel Convention, are prohibited for export from Viet Nam to any other country and import into Viet Nam from any other country. However, in order to help several industries of Viet Nam to temporarily overcome shortage of raw material, Viet Nam permits, with strict control by the Government, the import of several types of secondary materials including iron, steel, copper, aluminium, PVC, recycling plastic particles, paper etc.

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**Para.2(d)**

**“Decisions made by them to ban or limit the export of hazardous wastes or other wastes.”**

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**Argentina**

There is no export ban for hazardous wastes.

**Austria**

The legal basis of waste exports is the Federal Waste Management Act (Fed. Law Gaz. 1990/325 as amended) and the EU Shipment Regulation (259/93/EEC as amended).

In accordance with the Shipment Regulation exports for final disposal are allowed only within the European Economic Area (EEA). There is a total ban for waste exports for disposal outside the EEA. Export of hazardous wastes for recycling to non OECD-Countries will be banned by 1 January 1998.

**Belgium**

Decisions are taken to limit the export of hazardous wastes or other wastes. There are articles 3, 4, 5, 14, 15 and 18 of the Council Regulation (EEC) for final disposal; articles 6, 7, 8, 9, 16, 17 and 18 for recovery; and articles 6, 7, 8, 9, 16, 17 and 18. The authorities will not consent the export in case of refusal of the authority of destination; incomplete notification; shipment not in accordance with national legislation.

**Bolivia**

Bolivia does not export hazardous wastes or other wastes.

**Brazil**

There is no restriction on the export of hazardous wastes for final disposal.

**Bulgaria**

Decisions are taken to limit the export of hazardous wastes or other wastes.

**Burundi**

According to the National Legislation, the export of hazardous wastes or other wastes is strictly prohibited.

**Canada**

Export to non-parties are not permitted unless subject to an Article 11 agreement. All exports to countries having banned imports and officially notified Canada are prohibited be it for recycling or disposal. On 4 February 1997, the Canadian PCB Waste Export Regulations permit the export of PCBs to the US only.

**Croatia**

Export of hazardous waste is permitted without any limit, and in accordance to the provisions of the Basel Convention.

**Cyprus**

There is a ban on import and export of hazardous wastes or other wastes for final disposal.

**Czech Republic**

The export of hazardous wastes with the purpose of recycling to countries which are not members of the OECD is banned.

**Denmark**

Regarding the export of hazardous wastes or other wastes, Denmark fulfils the provision of the Council Regulation EEC no. 259/93 of February 1993 on the supervision and control of shipments of waste within, into and out of the European Community. The export of waste for final disposal to non-EU and EFTA countries is prohibited. With amendment (EEC 120/97) on Regulation 259/93 all exports of waste for recovery/recycling listed in Annex V are prohibited from 1 January 1998 from EU countries into non-OECD countries.

**Egypt**

The Egyptian Environmental Law allows for the export of hazardous waste or other waste to countries which have facilities for recovery operations in an environmentally sound manner in accordance with the Basel Convention.

**El Salvador**

Decisions are taken to ban the export of hazardous wastes or other wastes.

**Estonia**

There is a decision to limit the export of hazardous wastes or other wastes for final disposal. The wastes in question are required as raw material and the disposal of these shall be done in an environmentally sound manner.

**Finland**

All exports of wastes referred to in Annex V of the European Council Regulation No 259/93 (as amended by Regulation 2408/98), as well as any other wastes classified as hazardous by the national waste legislation, from Finland for recovery to the non-OECD countries (i.e. countries to which the OECD Decision C(92)39/final does not apply) are prohibited, according to the above mentioned Government Decision 495/1998.

**Gambia**

Taking into account that Gambia does not have facilities to dispose of the hazardous wastes that it generates, it is however mindful of the fact that the generation of hazardous wastes should be minimized and disposal should be as close to the point of generation as possible. In this regard, the decision regarding the export of hazardous waste is not to ban, but to limit its movement for any purpose.

**Germany**

Germany fulfils the Provisions of the Council Regulation (EEC) No. 259/93 of 1 February 1993 on the supervision and control of shipments of waste within, into and out of the EC, especially referring to Art. 14 to Art. 18. The export of waste for final disposal into non-EU and non-EFTA- countries is prohibited. With amendment of Regulation 259/93 all exports of waste for recovery/recycling listed in Annex V are prohibited from 1 January 1998 from EU-countries into non-OECD countries.

**Greece**

EU legislation has been adopted concerning the supervision and monitoring of transboundary movement of hazardous wastes.

**Iceland**

No decisions were made to limit or ban the export of hazardous wastes.

**Indonesia**

If destination country approves the notification of export then Bapedal will approve export of hazardous waste.

**Japan**

“Law of control of export, import & others of specified wastes & other wastes” came into force on December 1993. This national law has the same contents with those of the Convention. Japan has controlled transboundary movement of hazardous wastes from/to Japan, by strict implementation of the Law.

**Kuwait**

Hazardous wastes that cannot be disposed off in accordance with the provisions of the Basel Convention are exported.

**Luxembourg**

Special authorization is required by the waste management law (17/6/94) for export of waste to non-EC countries and there is a prohibition on export of waste to non-OECD countries through waste carrier authorization.

**Mongolia**

There is a decision to limit the export of hazardous wastes or other wastes.

**Morocco**

The national legislation on management of wastes including regulation on exporting of hazardous wastes and other wastes has been made but not yet in force. The export of hazardous wastes and other wastes is permitted in accordance with the Basel Convention.

**New Zealand**

No decisions were made which would ban or limit the export or import of hazardous wastes.

**Niger**

The national legislation does not mention export of hazardous wastes. However, Niger is not involved in the export and/or transit of hazardous wastes.

**Norway**

Norway has banned export of hazardous waste both for recycling and final disposal to non-OECD countries since 1994 according to art. 1 in the general regulations of export and import waste.

**Oman**

Export is banned unless a special permit is given.

**Portugal**

Decisions are taken to limit the export of hazardous wastes or other wastes. Under the Council Regulation (EEC) No 259/93, Portugal applies Articles 4, 7, 14, 16, 17 and 18.

**Republic of Korea**

In accordance with Decision II/12 of the second COP on the Basel Convention, the amendments to the enforcement ordinance of the "Act Relating to Transboundary Movement of Wastes and their Disposal" which came into effect on 1 July 1998, prohibits the export of hazardous waste to non-OECD countries.

**Romania**

In accordance with the Law on Environmental Protection no. 137/1995, export of hazardous wastes is permitted on the basis of the Basel Convention provisions.

**Russian Federation**

There is no data on the decision made to limit or ban the export of hazardous wastes or other wastes.

**Slovakia**

Decisions have been taken to limit the export of hazardous wastes or other wastes for any purpose and there is a ban on export of hazardous wastes to non-Parties.

**Slovenia**

Hazardous wastes can be imported, exported or transited only through defined border crossings.

**Sri Lanka**

No export of hazardous wastes or other wastes for final disposal. No official decision is taken to limit or ban the export of hazardous wastes or other wastes for recovery, recycling and for other purposes.

**Sweden**

Decisions have been made to ban the export of hazardous wastes or other wastes to non-OECD countries for final disposal, recovery and recycling purposes.

**Tunisia**

There is a decision to limit the export of hazardous wastes or other wastes. The export of hazardous wastes to any State that prohibits the import of such wastes is banned. Also banned is the export of hazardous wastes to any State that does not prohibit the import of such wastes in the case of the absence of its specific written agreement.

## **Turkey**

The waste may be exported from Turkey according to the procedures of the Basel Convention in case of:

- If there are no plants for disposal in environmentally sound manner in Turkey;
- Importer country has a plant for disposal with necessary technical capacity; and
- The Competent Authority of the importer country accepts these wastes. In this case, written consent of the transit countries and the importer country should be submitted to the Ministry of Environment before the transboundary movement of wastes.

## **United Kingdom**

The following information is drawn from the UK Management plan for exports and imports of waste which explains the essential elements of the UK government's policies for different types of waste shipment. The plan came into effect on 1 June 1996.

### Exports of waste for disposal

All exports of waste for disposal are banned.

### Exports of waste for recovery

All exports of waste for recovery this includes re-use, recycling, reclamation (including composting, and recovery of energy) must be managed in an environmentally sound way.

### Export to the OECD countries for recovery

Exports of green list wastes to OECD countries are not affected by the Waste Shipments Regulation or the Plan.

Exports of amber and red list wastes to OECD countries are allowed except where an OECD country bans the import of certain wastes; or the UK competent authority has reason to believe that wastes will not be dealt with in an environmentally sound way.

### Exports to non-OECD countries for recovery: amber and red list wastes.

Most exports to non-OECD countries of amber and red list wastes for recovery are banned already as a result of a decision by the Parties to the Basel Convention. Up to the end of 1997, limited exceptions are allowed where the country wishing to import the waste has told the Convention Secretariat that it allows imports of such waste, with details of the types and amounts allowed and how and where they are to be managed; and the UK competent authority is satisfied that the wastes will be dealt with in an environmentally sound way in the importing country.

### Exports to non-OECD countries: green list waste

The European Commission has asked non-OECD countries if they wish shipments of green list wastes from the Community to be controlled. The Commission has made proposals setting out controls to be applied in certain cases. The Government will give further advice as and when final decisions have been taken on these proposals. In the meantime, the Plan gives provisional (and non-binding) guidance about controls on exports of green list wastes to non-OECD countries.

This reflects the wishes of those countries, as far as these are known. They are that:

- those who wish to receive green list wastes without extra controls (apart from normal commercial controls) may do so;
- where countries have asked for controls (the same as those which apply to amber or red list wastes, or wastes moving for disposal), shipments are allowed so long as those controls are applied;
- where countries have asked for controls but have not said what these should be, or their wishes are not known, the Plan suggests that red list controls should apply to all shipments; and
- where countries have said that they do not wish to receive green list wastes, the Plan suggests that exports should not be allowed.

**Uzbekistan**

No decisions have been made yet to limit or ban to the export of hazardous wastes or other wastes.

**Viet Nam**

Article 29 of the Law on the Environmental Protection prohibits any export or import activities of wastes. Under the article 29 and article 2 of the Law on the Environmental Protection, all wastes, including but not limited to wastes specified in Annex I, II and III of the Basel Convention, are prohibited for export from Viet Nam to any other country and import from any other country.

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**Para. 2(e)**

**Any other information required pursuant paragraph 4 of article 13**

**Para. 4**

**“The parties, consistent with national laws and regulations, shall ensure that copies of each notification concerning any given transboundary movement of hazardous wastes or other wastes, and the response to it, are sent to the Secretariat when a Party considers that its environment may be affected by that transboundary movement has requested that this should be done.”**

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**Argentina**

Copies of notification concerning transboundary movement of hazardous wastes or other wastes and the response to it are sent to the Secretariat.

**Austria**

No such request.

**Bahamas**

No such case.

**Belgium**

No such case.

**Bolivia**

Did not send or get any such information about transboundary movements of hazardous wastes or other wastes.

**Brazil**

No such case.

**Bulgaria**

No such case.

**Burundi**

No such case.

**Canada**

Although no such request from a foreign government has ever been received, these documents are available upon request.

**Comoros**

No such case.

**Croatia**

No such case.

**Cuba**

No such case.

**Cyprus**

No such case.

**Czech Republic**

No such case.

**Denmark**

No such case.

**Egypt**

No such case.

**El Salvador**

No such case.

**Estonia**

No such case.

**Finland**

No such notifications made.

**Gambia**

Export of obsolete pesticides to UK. Consented by UK EA. Export to take place before end of 1999.

**Germany**

No such case.

**Iceland**

No such case.

**Indonesia**

PVC waste which contained hazardous waste.

**Japan**

No such case.

**Kuwait**

Copies of each notification concerning transboundary movement of hazardous wastes and other wastes are sent to the Secretariat.

**Latvia**

No such case.

**Luxembourg**

No such case.

**Mongolia**

No such case.

**Morocco**

The information about notification will be sent to the Secretariat of the Basel Convention.

**Norway**

No case exists where a Party has asked for a notification because they have felt that their environment has been effected by the transfrontier movement.

**Oman**

Nil. Transboundary shipment was made in 1997 to Canada. Oman has no treatment facility at this time. This will continue for 3-4 years. It is US Armed Forces waste. All appropriate agreements between Oman & Canada were fully completed and approved. Full record of all documentation is held by Oman.

**Portugal**

No such case.

**Romania**

No such case.

**Russia**

No such case.

**Saint Lucia**

No such case.

**Slovakia**

No such case.

**Slovenia**

No such case.

**Sri Lanka**

No such case.

**Sweden**

No such case.

**Thailand**

No such case.

**Tunisia**

No such case.

**Turkey**

No such case.

**United Kingdom**

No such case.

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**Para. 3(a)**

**Competent authorities and focal points that have been designated by them pursuant to Article 5.”**

Please refer to the updated list of Competent Authorities and Focal Points established by the Contracting Parties of the Basel Convention.

**Para. 3(b)**

**“Information regarding transboundary movements of hazardous wastes or other wastes in which they have been involved, including:**

**Para. 3(b) (i):**

**The amount of hazardous wastes and other wastes exported, their category, characteristics, destination, transit country, if any, and disposal method as stated on the response to notification.”**

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Please refer to the following publication:

“Compilation Part II: Reporting and transmission of information under the Basel Convention; statistics on generation and transboundary movements of hazardous wastes and other wastes for the year 1997 (*Basel Convention Series/SBC No: 99/011*).”

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**Para. 3(b) (ii)**

**“The amount of hazardous wastes and other wastes imported, their category, characteristics, origin, and transit country, if any, and disposal method as stated on the response to notification.”**

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Please refer to the following publication:

“Compilation Part II: Reporting and transmission of information under the Basel Convention; statistics on generation and transboundary movements of hazardous wastes and other wastes for the year 1997 (*Basel Convention Series/SBC No: 99/011*).”

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**Para. 3(b) (iii)**

**“Disposals which did not proceed as intended”**

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**Argentina**

None.

**Austria**

Three cases were reported in 1997:

A batch of 7.850 kg cyanidic hardening salts (Y17/Y33) destined for D12 in Germany needed repackaging/reconditioning before final disposal.

A batch of 1.170 kg mercury containing residues destined for D12 in Germany needed repackaging/reconditioning before final disposal.

A batch of 2.089 kg cadmium containing sludges (Y26) destined for D12 in Germany needed repackaging/reconditioning before final disposal.

**Bahamas**

None.

**Belgium**

None.

**Benin**

None.

**Bolivia**

None.

**Brazil**

None.

**Bulgaria**

None.

**Canada**

According to Environment Canada records, of the 251,302 tonnes exported in 1997; 262 tonnes were returned from the USA to the Canadian exporter. Similarly, of the 487,351 tonnes imported in 1997, 512 tonnes were returned to the exporter in the USA. These were all subsequently managed in an environmentally sound manner.

**Comoros**

Not applicable.

**Croatia**

None.

**Cuba**

None.

**Cyprus**

None.

**Czech Republic**

None.

**Denmark**

None.

**El Salvador**

None.

**Estonia**

None.

**Finland**

In December 1997 Estonia requested Finland to return 1030 metric tons of sorted demolition waste because the export violated the conditions laid down at the consents given by the Competent Authorities. The consent had been given on the condition that the waste shall contain more than 90% wood suitable for incineration with energy recovery, and may not contain any wastes considered hazardous under the waste legislation in the European Community or in Finland. The exported waste contained only about 60% recoverable wood and additionally small amounts of CCA-impregnated wood which impeded the recovery. Due to administrative procedures, the return of the waste was completed only in December 1998. A criminal investigation is being carried out. In October 1997, 0,3 metric tons of paint waste was returned from Finland to Norway due to exceeded mercury content which rendered the waste unsuitable for incineration. The return was carried out in accordance with the contract between the exporter and the importer. A criminal investigation was not considered necessary.

**Gambia**

None.

**Germany**

Disposals which did not proceed as intended are:

- 11,26 metric tonnes of Cr-VI-contaminated mud from a galvanisation imported from France for deposit in an underground landfill were sent back to the original producer;
- 1, 24 metric tonnes of Hg-contaminated waste from a chlor-alkali-electrolysis imported from Belgium for deposit in an underground landfill were sent back to the original producer;
- 12,22 metric tonnes of metalhydroxide-mud imported from Switzerland for deposit in an underground landfill were sent back to the original producer; and
- 2,08 metric tonnes of residue from zinc processing imported from Austria for deposit in an underground Landfill were sent back to the original producer.

**Iceland**

None.

**Indonesia**

Disposal which did not proceed as intended is 24,49 metric tonnes of import plastic which contained vinyl chloride, phenol from United States of America, imported for recycle to Ujung Pandang, South Sulawesi. Since the illegal import of waste happened, the Government of Indonesia is still handling the problem.

**Japan**

None.

**Kuwait**

None.

**Latvia**

None.

**Luxembourg**

None.

**Mongolia**

None.

**Morocco**  
No information about such cases.

**Mozambique**  
None.

**Niger**  
None.

**Norway**  
None.

**Oman**  
None.

**Portugal**  
None.

**Romania**  
None.

**Russian Federation**  
None.

**Saint Lucia**  
None.

**Slovakia**  
None.

**Slovenia**  
None.

**Sri Lanka**  
None.

**Sweden**  
None.

**Syrian Arab Republic**  
None.

**Thailand**  
None.

**Tunisia**  
None.

**Turkey**  
None.

**United Kingdom**  
None.

**Uzbeskitan**  
No information.

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**Para. 3 (b) (iv)**

**“Efforts to achieve a reduction of the amount of hazardous wastes or other wastes subject to transboundary movement.”**

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*Environmental standards/criteria to be met by hazardous wastes generators*

**Argentina**

There is control of hazardous wastes generators. Generators have to present a plan to reduce the generation of hazardous wastes by means of change of technology; segregation (of streams); and recycling when it is possible, etc.

**Austria**

National strategy for final disposal

According to the rationale of the Federal Waste Management Act wastes quantities and their pollutant contents shall be kept as low as possible ( waste prevention).

Wastes shall be recycled to the extent that this has ecological advantages is technically feasible and that the additional costs so incurred are not disproportional when compared to other methods of waste management and that there is a market or a market can be created for the recycled substances (waste recycling). Wastes that cannot be recycled shall be treated with biological, thermal and physico-chemical methods, depending on their condition. Solid residues shall be deposited in such a way that their reactivity is as low as possible according to the state of the art (precautionary principle).

Branch specific concepts

Sector specific plans outlining and quantifying avoidance and re-use potentials have been elaborated for a number of branches. These concepts are usually prepared in collaboration between the Federal Ministry of Environment, Youth and Family Affairs and the respective economic groups. The main objectives of such waste sector-specific management concepts are the creation of waste minimisation strategies and the introduction of innovative recycling methods especially for hazardous wastes, which comply with the State of the Art, taking into account international developments. These specific waste management concepts are also the basis for financial supports according to the Environmental Funding Act.

Disposal

In order to prevent impairments of the environment the Federal Minister for the environment may by ordinance define detailed specifications of the state of the art of equipment and operations in waste treatment plants subject to licensing pursuant to the Waste Management Act and may issue the state of the art emission limits that these plants must comply with.

The Waste Management Act defines state of the art as the developments in science and modern procedures, facilities or operations whose performance has been well tested. To define the state of the art comparable procedures, facilities and operations must be examined.

Landfills

An ordinance on landfill sites was enacted in 1996 (Fed. Law Gaz. 164/1996).

The Federal Minister of Forestry and Agriculture is preparing an amendment of the Water Act which will provide for a step-by-step adaptation of existing landfills to the new standards.

Waste Incinerators

At present incinerators for hazardous and non-hazardous wastes have to comply with the provisions laid down in the Ordinance on the Clean Air Act on Steam Boilers (dioxin emission limit 0,1 nanogram TE/Nm<sup>3</sup>).

A new ordinance on waste incineration is under preparation.

Mechanical- biological treatment

Furthermore the state of the art will be set for mechanical- biological treatment facilities.

### Special treatment facilities

By means of a decree the Federal Ministry for the Environment has already laid down the environmentally sound treatment of automobile wrecks (removal of hazardous substances before dismantling/shredding), photographic wastes (developing baths, fixing baths), refrigerators (containing CFC) and asbestos wastes.

### Waste Management Plan

In order to realise the objectives and principles of the Waste Management Act (qualitative and quantitative waste prevention, waste recycling in a technically and economically suitable manner and waste disposal), the Federal Minister for the Environment must decree and publish a Federal Waste Management Plan. After preparation of the first Federal Waste Management Plan 1992 the first sequel was made available in form of the Federal Waste Management Plan 1995. At the same time a report on the measures of the Federal Waste Management Plan was submitted to the National Assembly for the first time.

The next edition of the Federal Waste Management Plan will be published in 1998.

### Pursuant to the Waste Management Act the Federal Waste Management plan must at least comprise:

1. an inventory of the waste management situation
2. concrete standards derived from the Waste Management Act (objectives and principles of Waste Management)
  - *to reduce the volume and pollutant contents of waste*
  - *to recycle waste ecologically and economically*
  - *to dispose of waste that cannot be avoided or recycled*
3. measures planned by the Federal Government in order to achieve these objectives
4. regional distribution of the necessary plants for treatment of hazardous waste

### Polluter pays principle

Among others, an essential principle embodied in the Waste Management Act is the polluter pays principle which has already been implemented in a number of ordinances. Especially the responsibility of product manufacturers is to be extended to the subsequent recovery and disposal of their products. They have got a predominant role as they take key decisions concerning their products which largely determine their waste management potential. Producers have first-hand knowledge of the composition of their products and are capable of judging the environmental effects that may result when their products become waste. Physical producer responsibility means that the producer must accept the total responsibility for a product. The product must be taken care of even after it has become waste. The waste must be collected, recycled, recovered or disposed of in an environmentally acceptable manner. Financial producer responsibility means that the producer must, wholly or in part, defray the costs of dealing with the waste.

### Ordinances on packaging waste

Since 1<sup>st</sup> October 1993 each manufacturer, importer and distributor has been obliged to take back free of charge the old packaging from the consumers and to reuse or to recover them (material specific targets for recycling must be met) unless he uses the services of a national wide collection and recovery system. The target for recycling was raised up to 50% in 1995. A new amendment to the ordinance was published in 1996 (Fed. Law Gaz. 648/1996 and 649/1996).

### Ordinance on batteries

This ordinance, effective since 1<sup>st</sup> September 1991, lays down a limitation of the amounts of mercury and cadmium as well as the take back obligation of the trade.

### Ordinance on specific lamps

Since 1<sup>st</sup> January 1991 this ordinance has ensured the orderly return of fluorescent and similar lamps through the taking back obligation of the trade and a prohibitive deposit (AS 10,-- plus VAT).

### Ordinance on refrigerators

Since 1<sup>st</sup> March 1993 each manufacturer, importer and distributor has been responsible for the take back of old appliances if at the same time a new one is sold. At each purchase a voucher for an orderly disposal (valid at least AS 100,--) has to be sold to the consumer otherwise a deposit (AS 1.000,-- plus VAT) has to be levied.

### Electronic scrap

Pilot projects of collecting and recycling of electronic scrap as well as feasibility studies for a national wide collecting system are undergoing.

Networks of installations have been established for the collection and environmentally sound recycling or disposal of the following special waste streams:

- fluorescent bulbs and other mercury-bearing lamps;
- batteries;
- refrigerators; and
- packaging wastes.

### Pilot Projects on specific waste streams

Successful pilot projects were carried out on national as well as regional level to reduce the generation of hazardous waste and promote cleaner technologies. Examples are a project to reduce the input of oily lubricates in machining and surface treatment of metals and plastics in the Federal Province of Styria, another was to reduce the input of halogenated solvents as well as organic solvents in the surface cleaning of metals. Both projects dropped the amount of specific hazardous waste generated by more than ¾.

## **Belgium**

### Brussels Region

Article 4 of the Law for prevention and management of wastes of 07.01.91 allows the Government to take measures to prevent or reduce production of waste and its nocivity

- by encouraging development of cleaner technologies and technologies needing less natural resources,
- by encouraging development of products conceived in a way that their production, their use or elimination does provoke as less as possible raise in amount or in nocivity of wastes and
- by developing appropriate techniques for elimination of dangerous substances in wastes.

Decision of 06.04.95 fixes environmental standards for the sector of textile cleaning. These conditions were set up after a sector campaign organized by the Clean Technologies Department of the Brussels Institute for Management of Environment.

### Flanders

It is an aim of the Flemish policy to protect public and environmental health against damaging influences of wastes and to prevent dissipation of raw materials and energy by (in the following order of priority):

- preventing and reducing waste production and preventing or reducing the damaging features of wastes ;
- promotion of waste recycling; and
- organising the disposal of all the wastes which cannot be prevented or recycled (article 5 of the Waste Management Decree of 20.04.94).

## **Benin**

None.

## **Brazil**

Modify and expand list of wastes whose import is banned or controlled by the Brazilian Government (CONAMA Resolution no. 23/96).

This Ministry is discussing the national waste policy project that will be submitted to the National Congress.

## **Bulgaria**

In 1997, Bulgarian Parliament approved Waste Act. The document regulates the obligations of the waste generators to reduce the generation of hazardous waste as much as possible.

## **Burundi**

Agreement with Hygienic Services in order to analyse, determine the incineration site and incineration and elimination technique; surveillance of environment enforce; and creating awareness.

## **Canada**

In Canada, both mandatory and voluntary plans and programs exist. They are set up by the federal and provincial governments and by the municipalities. In general, provincial and municipal plans tend to be mandatory; whereas federal plans are voluntary. Some examples follow:

- In 1995, the Toxic Substances Management Policy was released. This policy provides a two track approach to managing toxic substances the first track is the elimination of specified substances, and the second track encourages the “cradle to grave philosophy.”
- Also in 1995, the Pollution Prevention - Federal Strategy for Action Plan was released. This initiative encourages both industry and individuals to reduce pollution and decrease waste production on a voluntary basis. Programs such as the Accelerated Reduction Elimination Toxics (ARET) have been successful in this endeavour.
- The National Pollutant Release inventory (NPRI), contains data commencing in 1993 on the annual release and transfer in waste containing any of 176 specified substances.

Canada does not apply legally defined technical standards regarding manufacturing and recycling processes in order to enhance Waste Minimization. Nor has Canada enacted production bans in order to support Waste Minimization, whereas product restrictions are applied. Canada has implemented efforts in product take-back obligations (“stewardship”) and deposit refund schemes.

## **Cyprus**

Provisions regarding transboundary movement reduction measures are included in the Draft Bill for the Protection of the Environment which is currently under legal voting.

## **Czech Republic**

Reducing the production of wastes (namely, hazardous wastes) by minimizing their production is one of the priorities of the State Environmental Policy.

## **Egypt**

Standards set on air emissions by Environment Law no. 4/1994 which includes CO<sub>2</sub>, SO<sub>2</sub>, NO<sub>2</sub>, dioxine, furane, heavy metals, HCL, nitric acid, H<sub>2</sub>SO<sub>4</sub> etc.

## **Finland**

The Waste Act (1072/93), which entered into force on 1 January 1994, introduces the general obligation to prevent waste generation and to reduce its quantity and harmfulness. In order to implement the general obligation, the Council of State may issue general regulations on e.g. labelling of the product, deposit of the product or restriction of the manufacture, import, export, placing on the market, dealing, sale, delivery or use of the product. Such regulations have so far been issued for example on batteries and accumulators, ozone layer depleting substances and asbestos.

## **Gambia**

- Environmental quality standards and industrial discharge permitting regulations are in final draft;
- In the national waste management legislation study, operational standards for waste disposal have been proposed;
- Drafting of national waste legislation is commenced and waste license system is proposed; and
- National Standards Bureau is soon to be established under the Department of State for Trade Industry and Employment.

## **Germany**

The generation of waste shall be avoided in accordance with Art. 4 and Art. 5, Para 1 of the *Recycling Management and Waste Act* in conformity with corresponding statutory ordinances pursuant to Art. 22 and 23. This does not affect the obligation of the operators of plants subject to licensing to avoid the generation of waste through the application of low-waste manufacturing processes or re-use/recycling of residual materials pursuant to the provisions of Art 5 Para 1 No. 3 of the *Immission Control Act*.

Waste shall be re-used/recycled pursuant to Art. 5, Para 2 and in conformity with certain specific provisions to the extent this is prescribed by statutory ordinance, pursuant to Art. 23, Para1, No. 3 and Art. 24 Para 1, Nos. 1 of the *Recycling Management and Waste Act*.

Besides, statutory ordinances can prescribe that certain products may not be put into circulation at all or only in a certain form or for certain uses to ensure environmentally compatible management (Art. 23, Para 1 Nos. 1 to 3 of the *Recycling Management and Waste Act*).

All major recovery/recycling facilities have to be licensed in accordance with the *Waste Management Act* or the *Immission Control Act* respectively.

#### **Iceland**

Regulation no. 48/1994 on pollution control prescribes an obligation to reduce the generation of hazardous wastes. Detailed requirements are made in operating licences for establishments subject to licencing by the regulation.

#### **Indonesia**

The industry has to treat wastes, so that discharges meet effluent and air emission standards and the residue is treated at the central hazardous waste treatment facility.

#### **Japan**

None.

#### **Mauritius**

Regulations under section 37 of the Environment Protection Act have been drafted and will be finalized soon. These regulations aim at defining, controlling the generation and movement of hazardous wastes. These standards will further impose a ban on the importation of hazardous wastes.

#### **Mongolia**

The Basel Convention was ratified by the Parliament of Mongolia in 1997. The problem of the management of hazardous wastes is relatively new in the country. It was only in 1997's when Mongolia started to develop this field.

#### **Morocco**

In accordance with the Basel Convention and the National Legislation the environmental standards and the criteria to reduce and eliminate generation of hazardous wastes and other wastes are in elaboration.

#### **Norway**

To ensure the principle of selfsufficiency and to reduce the amount of hazardous waste to be subject to transboundary movements (BC art 4, 2(b)) the semi-governmental company NOAH got a license in 1997 to build a pretreatment facility for organic hazardous waste which shall be incinerated in a cement factory in Norway. The pretreatment facility will be in full operation by the end of 1999. The cement factory has been incinerating hazardous waste since 1987. NOAH's treatment facility for inorganic hazardous wastes has been under continuous upgrading and got a new license in 1997.

#### **Oman**

Implementation of Ministerial Decision no. 18/93 "Regulations for the Management of Hazardous Waste". This requires all generators, handlers, transporters, and disposers of hazardous wastes to be licensed under conditions set by the Ministry.

#### **Romania**

The measures taken regarding the improvement of the legal framework and regulation procedure.

#### **Russian Federation**

##### I. Federal Laws

1. "On Wastes of Production and Consumption" (of 26.06.98 89-**MB**);
2. "On Ecological Expertise" (of 15.04.98 174-**MB** – new edition); and
3. "On Safe Handling of Pesticides and Agrochemicals" (of 19.07.97 109-**MB**).

##### II. Resolutions of the RF Government

1. "On approving of Regulations on the Ministry of Health Protection of Russian Federation" (of 03.06 97 659);
2. "On Enforcement of Regulations on the State Committee of Russian Federation for Environmental Protection" (of 26.05.97 643);
3. "On Endorcement of Rules for Services of Exporting Solid and Liquid Municipal Wastes" (of 10.02.97 155);

4. "On Regulations on Licensing for Separate Types of Activities in the Field of Environmental Protection " (of 26.02.96 168);
5. "On Federal Target Program "Wastes"(of 13.09.96 1098);
6. "On State regulation and control over transboundary movements of hazardous waste " (of 01.07.96 766);
7. "On Charges for Waste Water Discharge and Pollutants into Sewerage Systems of Inhabiting Points (of 31.10.95 1310); and
8. "On Top-Priority Measures for Fulfilling Federal Law "On Ratification of Basel Convention on Control over Transboundary Movements of Hazardous Waste and Waste Disposal" (of 01.07.95 670).

### III. Regulations of Goskomekologiya

1. On the Experiment in Sverdlovsk and Perm Oblast's on working of the mechanism of forming Federal Waste Classifier. Order of Goskomekologiya of Russia DD 20.03.98 160;
2. Order of taking charges and use of charges for issuing permits for transboundary movements of hazardous waste. Order of Goskomekologiya of Russia DD 04.03.98 N 127. Registered in Ministry of Justice of Russia 08.04.98 1505;
3. On Federal Waste Classifier. Order of Goskomekologiya of Russia DD 27.11.97 527. Registered in MinJust of Russia 29.12.97 1445;
4. Order of the State Committee of the Russian Federation on Environmental Protection of " 27.11.97 527 "On a Federal Wastes Classification Catalogue;
5. On denomination of basic rates of pollution charges. Letter of Goskomekologiya of Russia DD 20.11.97 05- 14/29 – 3621;
6. On indexation of environmental pollution charges for 1998. Letter of the State Environmental Committee of Russia DD 20.11.97 01 - 14/29 – 3620;
7. On organization of work for licensing of separate types of activities in the field of environmental Protection . Order of Goskomekologiya DD 15.03.96 97;
8. On charges for waste disposal. Letter of Goskomekologiya DD 10.01.97 14 - 07/32;
9. On approval of Regulations on the order of issue and annulment of permits for transboundary movements of hazardous waste in Russian Federation Order of Goskomekologiya DD 20.08.96 372;
10. On state regulation and control over transboundary movements of hazardous waste. Order of. Goskomekologiya DD 25.07.96 342;
11. On order of carrying out works for licensing of separate types of activities in the field of environmental protection . Order of Goskomekologiya DD 18.06.96 282; and
12. On order of carrying out works for licensing of separate types of activities in the field of environmental protection . Order of Goskomekologiya DD 18.06.96 282.

#### **Saint Lucia**

National environmental standards/criteria are not available. International standards are being used as a guide pending development of national standards.

#### **Slovakia**

Updating of Waste Management Programmes by Ministry of Environment, regional environmental authorities and by all producers of wastes.

#### **Sri Lanka**

Export/import regulations are being drafted to control transboundary movements.

Regulations for the internal management of hazardous wastes were gazetted in May 1996 under the National Environmental Act. According to the licensing system the Industrialist's Act indirectly encouraged to reduce the generation of hazardous waste.

Guidelines have been developed for the implementation of the hazardous wastes regulations.

#### **Syrian Arab Republic**

Environmental impact assessment, Syria has criteria for any industrial or economical activities. Syria is going to direct to use clean technology.

**Tunisia**

Standards on the concentration of pollutants in the industrial wastewater (metals, heavy metals, halogenated solvents, hydrocarbons, mineral oils, phenols, etc.) before junction to the public sewage works or abandon in the hydraulic and maritime public property.

Following enactment of law 96-41 on wastes and the control of wastes management and disposal, legal instruments binding industrials to reduce as many as possible the generation of hazardous wastes are in the process of drafting.

**Turkey**

During 1997 no new environmental standards or criteria were established to be met by the waste generators to reduce and/or eliminate its generation.

**United Kingdom**

In the UK system the regulatory regime for controlling emissions from industrial processes includes the concept of BAT - "best available techniques."

The primary purpose of BAT is to prevent the release of polluting substances: the emphasis is on clean or low waste technologies rather than end-of-pipe-technology: this means eliminating or minimising the production of published by the Environment Agency.

***Economic measures/initiatives offered by government*****Argentina**

Environmental tax for generators, transporters of hazardous wastes and hazardous wastes treatment plants. This tax is decreased in accordance with reduction of the generation of hazardous wastes.

**Austria****Environmental Funding Act**

As in many cases the implementation of process and production changes is connected with considerable expenditures the Federal Ministry of the Environment, Youth and Family Affairs provides financial support for enterprises to realize switches of the applied techniques and to facilitate the introduction of the best available technology to prevent and treat waste. Depending on the expected environmental improvements up to 80% of the investments can be refunded.

A special fee is put on (final) disposal of hazardous wastes as well as other wastes. The money collected is paid in to a National Fund to subsidize contaminated site clean up. The collected money started with ATS 142 millions in 1990 and reached ATS 447 millions in 1997. The subsidies started in 1990 with ATS 128 million a year and reached ATS 380 million in 1997. 26 contaminated sites are under clean up procedure, 13 are already finished.

**Belgium****Flanders**

- Subsidies of ecologically sound technologies : PRESTI-projects (Prevention and Stimulation). These are projects, started in 1994 by the Flemish government to support professional associations who wanted to inform their members about environmentally sound management systems.

- Implementation of tax legislation on waste : In Flanders, environmental taxes are put on final disposal of waste materials, i.e. on incineration and landfilling, with exemptions on recycling. It constitutes a good instrument for discouraging production of waste materials at source and accordingly promote prevention.

**Benin**

None.

**Brazil**

This policy project will also contemplate economic measures.

**Bulgaria**

The Waste Act is grounded on the polluter-pay principle and there are envisaged serious sanctions considering the polluters.

**Burundi**

Awareness among the industries who generates wastes and the population.

**Canada**

Taxes and duties are levied on waste-intensive products and waste treatment and landfilling. Some examples include provincial and local tipping fees, advance disposal surcharge for pesticide containers and taxes on new tires sold. Financial aid programmes and economic incentives are applied extensively for both municipal solid waste and hazardous waste minimization. Financial aid is given to research and development, pilot plant design and construction, development of clean technologies, consulting services, eco-balances and eco auditing. Financial aid is granted by federal institutions, provincial administrations and by private funds. Some examples include:

- Action 21 which is a federal government funding programme for public environmental awareness initiatives and local environmental projects.
- Technology Partnerships Canada - Environmental Technologies which is a federal investment support programme for business in the form of an interest-free loan. Support is given to the development of new technologies, processes and products.
- A provincial waste reduction fund which provides a 50% cost share for waste reduction initiatives.
- A provincial financial assistance programme to the recycling industry. Subsidy of up to 50% of the capital costs, loan guarantees.

**Czech Republic**

The reassessment of the rate structure for landfilling so that producers are encouraged to utilize waste management techniques that are more efficient and environmentally friendly is one of the priorities of the State Environmental Policy.

**Egypt**

According to the Environment Law 4/1994, there is provision for incentives to reduce and/or eliminate generation of hazardous wastes.

**Estonia**

“Polluting Charge Act” from 15 December 1993. Degree No. 19 of 28 January 1997 of the Government “Regulation on Pollution Damage Compensation Rates for year 1997”.

**Finland**

The Waste Tax Act (495/1995) came into force on September 1, 1996. According to the Act, a State tax of 90 Finnish marks (about 17 US\$) per tonne shall be paid on waste deposited at landfills operated by a municipality or a body appointed by the municipality or a landfill which is operated primarily for the purpose of receiving waste by another party. Some waste types are exempt from waste tax. Extension of the waste tax to all landfills is being examined.

Some subsidies are awarded by the government to the projects aiming at environmental protection. Among waste management projects, in general, the priority is given to those projects which aim at the prevention of waste generation and the reduction of hazardousness of wastes.

**Gambia**

At present, the following are under consideration:

- Fiscal incentives to promote environmentally sound practices; and
- Fiscal disincentives to discourage practices which are not environmentally sound.

These are outlined in the national solid waste management strategy and discussions have been initiated with the Department of State for finance.

**Iceland**

Act no. 56/1996 entered into force on 1 January 1997. The law prescribes a levy on products which are sources of hazardous wastes, with the aim of providing economic conditions for safe management of these wastes.

**Indonesia**

In act of the Republic Indonesia No. 23/1997 regarding Environmental Management, environmental pollution included in criminal provision category both criminal and economical sanction. Such as: in Article 43 mentioned “Any person who in violation of applicable legislation intentionally releases or disposes of substances, energy and/or other components which are toxic or hazardous onto or into land, into the atmosphere or the surface of water, imports, exports, trades in, transports, stores such material, operates a dangerous installation, whereas knowing or with good reason to suppose that the action concerned can give rise to environmental pollution and/or damage or endanger public health or the life of another person, is criminally liable to a maximum of six years imprisonment and maximum fine of Rp 300,000.000 (three hundred million rupiahs).”

**Japan**

“Law for Promotion of Sorted Correction & Recycling of Containers and Packaging” has been promulgated on June 1995 and came into effect on December of that same year.

**Latvia**

In accordance with the law on Natural Resources Tax, the tax is imposed on the disposal of hazardous waste. There are three tax rates set with regard to the hazardous properties of waste. Collected tax is used for funding of environmental protection projects including waste management and clean technologies.

**Luxembourg**

Organization of the “SuperdrecksKëscht fir Betriber” by the Ministry of Environment and the “Chambre des Métiers” to assist small and medium sized companies in waste management with goal of prevention, reduction and recycling of waste.

**Mauritius**

Duty free concessions are offered to the industrials. Schemes and financial measures are available in attempt to reduce and/or eliminate pollution arising from the Industrial sector. Tax rebates are offered to those purchasing pollution control equipment.

**Mongolia**

This year the project “Study of the solid waste management in Ulaanbaatar Mongolia with a Master Plan for the capital city” was implemented.

**Morocco**

A fund for industrial depollution has been set to encourage the companies to reduce the quantities and harmfulness of industrial pollution including hazardous wastes. Incentives measures which can reach 40% of grant are offered to the industries in order to change their process and to reduce their pollution.

**Portugal**

In Portugal, there are specific funds, namely PEDIP (“Programa Operacional de Industria”) which are applied to the development of technologies to minimize the generation of industrial hazardous wastes and other wastes. Other funds like COHESTON Fund, applied in Portugal by Decree-Law No 89/94, 10 March, which finances, among others, projects for systems of municipal wastes; POA (“Programa Operacional de Ambiente”) that includes in its aims the reduction of environmental negative impacts caused by industrial activity; and POR (“Programas Operacionais Regionais”), are counted among Portuguese funds which are applied to finance new systems for “sorting”, recycling/recovery and treatment of municipal wastes and for the environmental recovery of some of the existing units. There are also several specific programs for financial support to undertakings.

**Oman**

Nil – Only punitive measures.

**Romania**

None.

**Saint Lucia**

Tax incentives were provided to local companies to import equipment for handling used oily waste.

**Slovakia**

Fee for landfilling of wastes. Economical support of installation of new technologies by State Environmental Fund.

**Sri Lanka**

Some fiscal incentives are given to industries under certain conditions to use advanced technology in order to minimize/control pollution and other wastes.

PCAF (Pollution Control Abatement Fund) which provides soft loans and technical assistance for pollution control measures is targeted preliminary at existing industries.

Companies seeking loan assistance on preferential terms from most of the Banks are required to meet environmental conditions and to obtain environmental pollution licenses if they are considered to be significant sources of pollution.

**Syrian Arab Republic**

Offering advantages to industries which use clean energy, and encouraging the biological treatment to reduce using of pesticides.

**Thailand**

Tax differentiate e.g. the different excise tax rate for recyclable batteries production which is rebated 5% of the excise tax unleaded gasoline (ULG).

Tax exemption e.g. equipment for the control, treatment or eliminate pollutants,

Deposit-refund system e.g. in case of bring-back program, this system will be used as tool for subsidizing the consumer to return the remains of products containing hazardous substances such as dry cell batteries for final disposal or recovery.

Others i.e. – the environment fund is established for the environmental sound management activities in accordance with Item 2 “Environmental Fund” of the Promotion and Conservation of Environment Quality Act B.E.2535 (1992). The Thai Green label scheme project is established for developing the criteria on the clean or waste minimized products (e.g. no mercury added dry cell batteries, recyclable plastic products, etc.).

**Tunisia**

The Fund on Pollution Abatement (FODEP) is a financial instrument intended to help industries (i) to replace pollutant process by cleaner technology and to set up waste treatment plants (ii) to help create units for collecting and recycling wastes.

FOFEP funds are granted in the form of subsidy with a ceiling of 20% of the initially-approved investment costs.

By the end of 1996, 63 projects had been approved by FODEP, representing investments of 13 million US\$. Remission of customs duties on imported equipment for waste treatment plants.

**Turkey**

No new economic measures/initiatives have been established by the Government to reduce and/or eliminate generation wastes during 1997.

**United Kingdom**

The Landfill Tax, the UK's first "green" tax was introduced in October 1996. It is designed to ensure that the total price of waste disposal to landfill reflects its environmental impact; and, by applying the polluter pays principle, promote more sustainable waste management via waste minimisation, re-use and recycling. It is levied at £7/tonne (£2/tonne for inert waste). The overall burden on industry is offset by reductions in employers' national insurance contributions.

The 1998 Budget introduced changes to the landfill tax including an increase to £10 per tonne for active waste from 1 April 1999 and an exemption for inert waste used for site restoration from October 1999. The rate for inert waste remains frozen. The increased higher rate will lead to extra money being available for Environmental trusts. A review of the uses of Trust Consideration will also be given to further increases in the standard rate of tax as a potentially cost-effective way of meeting targets arising from the proposed EU Landfill Directive - for example the limits on the amount of biodegradable waste able to be landfilled - and the new statutory national waste strategy.

## *Efforts made by industries/wastes generators through process control and recycling/recovery*

### **Austria**

As mentioned above each company with more than 100 employees has to provide a Waste Management Concept. The goal is to reduce the amount of wastes generated and to promote recycling/reuse as well as environmentally sound disposal of all kinds of waste. In order to facilitate the reduction of industrial wastes the Federal Ministry of the Environment, Youth and Family drafted several branch specific guidelines (e.g. for Wastes from Agriculture, Wood, Wastes from Medical Care, Varnish- and Lacquer, Halogenated Solvents, Wastes from Tanning, Wastes from Foundries, Wastes from the Food-Industry, Wastes from Chemical Laundries, CHC-Wastes from Surface Treatment of Metals, Wastes from Textile Manufacturing).

### **Belgium**

#### Brussels Region

The Clean Technologies Department elaborated a guide “cleaner technologies for the sector of textile cleaning” and publishes regularly an information bulletin “Brussels Techno-Clean” in 25000 ex.

#### Flanders

Participation in the above mentioned PRESTI-project.

### **Benin**

None.

### **Brazil**

Industries are utilizing some clean technologies to be adapted to the ISO 14000.

### **Bulgaria**

No available data base.

### **Canada**

Economic and consumer pressures have moved industry to introduce methods of waste reduction on a voluntary basis. Some of the initiatives in place include:

- Total Quality Management programs such as the ISO standards. These programs improve the overall operations of businesses and as a partial result of these efforts, a net reduction in wastes is achieved.
- The Canadian Chemical Producers Association program of “Responsible Care” has resulted in a “cradle to grave” or product stewardship approach in the chemical industry.
- The Ontario Printing and Imaging Association has introduced “The Empty Trash Can” program in an effort to promote reduced wastes and associated costs.
- Eco-labeling, Environmental Choice Programme. This voluntary programme has developed environmental criteria against which products and services are assessed. Companies whose product or service passes testing and verification to ensure that they are environmentally sound, are licensed to use the EcoLogo.

### **Croatia**

No data.

### **Czech Republic**

In 1994, the Czech Cleaner Production Centre, a non governmental non-profit organization has been established in the framework of the Czech-Norwegian cleaner production project. Since then, the Centre operates under the support of the UNIDO/UNEP National Cleaner Production Programme. The main area of its activities is demonstration projects, training, policy advice, and information dissemination. It is also engaged in process of certifying according to ISO 14000 and/or EMAS. On 8 March 1999, Minister of Environment signed the International Declaration on Cleaner Production. Eight companies gained already either ISO 14000 or EMAS certification.

### **Egypt**

- Establishment of lubricating oil reprocessing plant of 30 000 ton/year capacity at Alexandria; and
- Establishment of incinerators for health care waste.

**Finland**

Various industrial establishments and waste generators continuously develop their process technologies e.g. in order to eliminate generation of hazardous and other wastes.

**Gambia**

A local brewery is collaborating with UNDP Office in Gambia to implement the zero emissions research initiative (ZERI).

Malt grains left over from the brewery process is presently used to feed cattle. However, with the ZERI initiative, the spent grains will be used as substrate to grow mushrooms to be marketed to the hotel industry and after harvesting, the substrate will be used as animal feed with added nutritional value. The same brewery has also cut down on its water and energy consumption. The National Environment Agency of Gambia is considering promoting the brewery as industry best practice.

**Germany**

The generation of waste shall be avoided in accordance with Art. 4 and Art. 5, Para 1 of the Recycling Management and Waste Act in conformity with corresponding statutory ordinances pursuant to Art. 22 and 23 as well as pursuant to the provisions of Art. 5 Para 1 No. 3 of the Immission Control act.

**Indonesia**

With the partnership program in the Hazardous Waste Management (Kendali Program), 141 industries comply with Indonesia Regulation. 15% of these industries treat their own waste by the existing technology and 73% of industries send their waste to the Treatment facility (WMI Company).

**Japan**

No such information is available.

**Mauritius**

Information not available.

**Mongolia**

The transitional period from socialist to a free market economy has caused many changes in the industrial sectors. Many industries and some agricultural operations have ceased operating, been divided into smaller operating units, have undergone privatization or are experiencing economic difficulties due to the switch in government. So there is no measures specially on the movement of hazardous wastes and other wastes.

**Oman**

Pharmaceutical factory producing penicillin, amoxycillin, and other antibiotics installed additional solvent recovery fractionating columns, solvent recycling storage tanks to reduce the generation of over 800m<sup>3</sup>/D aqueous phase waste organic chemicals. Aqueous phase liquids treatment plant under development to render aqueous waste as non-hazardous.

Recycling plant for waste lubricating oil in operation. Previously such oils were exported although no statistics are available prior to this time.

Cyanide based gold extraction process – all cyanide tailings are press dried and the liquors are completely recycled back into the system. Dried tailing deposited in sealed landfill.

**Portugal**

The Ministry of Environment, the Ministry of Industry and the Industrial Associations signed “voluntary agreements”. With these agreements, industries will have to present waste management plants that contain measures to minimize waste production, methods for the recovery of wastes and the implementation of the most efficient technologies.

**Romania**

None.

**Russian Federation**

No data available.

**Saint Lucia**

Incineration of waste mineral oil by the local power generating company. Waste mineral oil is used in a diesel/oil or heavy fuel oil/mineral oil mix for energy.

**Slovakia**

Co-incineration of waste oils in cement kiln.

**Sri Lanka**

Promotion of waste minimization through Environmental Audit.

At present waste minimization programmes are being carried out for selected industrial sectors under UNIDO assistance.

The following significant regulatory measures taken by the Government helped indirectly to reduce the pollution caused by high and medium polluting industries:

- a) Environmental Protection License scheme for the control of industrial pollution;
- b) Environmental Impact Assessment scheme for major development projects; and
- c) Siting of industries in an Industrial State or Park to ensure treatment and disposal of waste in an Environmentally sound manner.

**Syrian Arab Republic**

Recycling the plastic wastes in some uses out of food or medicaments, and recycling the metal wastes like Pb, Al, Cu, and paper.

**Thailand**

In cooperation and support from the authorized agencies, these following industries, 5 categories of 50 factories, have been in process for developing the clean technologies and waste minimization methods in their process: plastic industry; food industry; electroplating industry; pulp & paper industry; and tannery industry.

**Tunisia**

The Tunisian industry of electric transforms has replaced the use of mineral oils containing PCB by a new dielectric oil (naphtalenic oil).

Two industries of asbestos-cement pipes (over three in Tunisia) have abandoned this process to the profit of plastic pipes' process.

The new process of the Tunisian company of lubricating oils (specialized in the regeneration and recycling of waste mineral oil) has permitted the avoidance of the generation of a big quantity of hazardous wastes specially acid tars and used acid-treated clay.

The two industries of car batteries are recycling the lead fraction of the dead batteries.

**Turkey**

Various industrial establishments and waste generators continuously develop their process technologies e.g. in order to eliminate generation of hazardous wastes and other wastes.

**United Kingdom****Environmental Technology Best Practice Programme**

This programme which was launched in 1994 aims to promote cost-effective waste minimisation strategies and cleaner technology within industry.

***Other measures*****Austria**

New draft branch specific waste management concepts were prepared in 1997.

Several studies on sound disposal and recycling are ongoing (waste stream specific: e.g. asbestos wastes, electronic scrap; disposal operation specific: e.g. landfill; etc.).

## **Belgium**

### Flanders

The environmental management plan MINA1997-2000 which indicates the environmental policy of Flanders, describes some actions to reduce and/or eliminate generation of hazardous and other wastes :

- action 32 : Development and implementation of a reduction program for the use of pesticide. The aim is to obtain in 2005 a level of use of pesticides which is half of the level in 1990.
- action 33 : Developing and starting an active management for the prevention and disposal of asbest-containing substances
- action 34 : Provision of information for certain target groups to optimize soil remediations
- action 35 : Development of an "active-soil" system for a better management of contaminated soils (prevention of diffusion of contaminated soils)
- action 40 : Development of a producer-responsibility in the waste phase. The idea behind this action is the fact that the producer is still responsible for its product when the product is waste and has to be recycled or disposed
- action 41 : Continuing the started PRESTI-programms with PREST 2 and PRESTI 3.
- action 42 : Test pilots to develop a chain management system which combines the responsibility of producers (action 40) and the prevention techniques as developed in action 41.
  
- action 43 : Development and promotion of a system of the covering of costs for household wastes. The aim is to make a combination of the principle which says that "the polluter pays" and the environmental rentability of the system.
- action 44 : Development of a management plan for a better separated collection of waste arriving from small and average enterprises
- action 45 : Prescription of the conditions to re-use waste as a secondary material
- action 46 : Development of a program for a better trading of wastes
- action 47 : Development of a management plan for collecting and processing organical waste for the years 1998-2001.
- action 48 : Development of a management plan for collecting and processing municipal waste for the years 1998-2001.

### Wallonia

Development of production technology to minimize the production of hazardous waste; and development of technology to neutralize hazardous waste

## **Benin**

None.

## **Brazil**

The Industrial Commitment to Recycling was created with the aim of encouraging and disseminating information on wastes.

## **Canada**

In Canada, Waste Minimization is fostered by information services offering support to private households and industrial waste producers.

- A provincial recycling council, information services on recycling.
  - A provincial recycling organization which provides information on recycling and also supports the management of a deposit-refund system for beverage containers and a programme on recovery and recycling of used tires.
- An association of municipal recycling coordinators offers information to private households.

## **Croatia**

No data.

## **Egypt**

Experimental and pilot works on recycle, recovery and treatment of hazardous wastes.

**Finland**

Regional waste management plans have been drawn out for 13 regions. The plans specify measures to be taken in the regions in order to carry out and develop the tasks provided for or regulated in or under the Waste Act. They present data on wastes and the current state of waste management, the developing targets set and measures necessary to achieve them. One of the developing targets dealt with in the plans is the minimisation of the generation of wastes.

**Gambia**

- Education & sensitization; and
- Annual environment awards (One of the themes is safe business and industry).

**Indonesia**

Beside Kendali Program, the Government of Indonesia has been developing monitoring program for recommendation. Some recommendation have been stipulated by Indonesia Government as the following activities - incinerator (operation recommendation); tank cleaning (operation and technology recommendation); used lubricant collection (collection recommendation); hazardous waste storage (temporary storage recommendation); re-use/recovery (re-use recommendation); transportation (transportation recommendation); and landfill (landfill facility recommendation).

**Japan**

None

**Luxembourg**

Obligation to industries to elaborate an internal waste management plan with indication of goals for prevention and recycling of waste.

**Oman**

Industrial effluent discharge monitoring programme.

**Portugal**

Through the licensing process, in which the Ministry of Environment has specific intervention, it is possible to impose, for new industrial units, the use of the best available technologies and a management suited to the wastes produced, resorting, whenever possible, to the re-use and recycling of the wastes.

Article 5 of Decree-Law No 239/97 establishes the accomplishment of a national waste management plan supported by sectorial plans for clinical wastes, urban (municipal) wastes, agricultural wastes and industrial wastes. The national plan for urban wastes was published in 1997 and contains specific targets aiming prevention, reduction, re-use, recycling and disposal of wastes. The other plans will be finished in 1999 and will contain specific targets for prevention, reduction, re-use, recycling and disposal and also the measures to achieve those targets.

**Romania**

None.

**Slovakia**

Modernization of industry.

**Sri Lanka**

Conducted awareness programmes for the relevant organizations in Sri Lanka.

**Thailand**

The following methods have been used as the support tools to reduce and/or eliminate generation of wastes: ISO 14000; research on clean technologies and waste minimization e.g. the research on the energy recovery from used lubricated oil; and technical guidelines on the environmental sound management of hazardous waste generated from communities e.g. laboratory waste, commercial waste, infectious waste, vessel and port waste.

**Tunisia**

A public system (ECO-LEF) for the collection of returned packaging and its treatment, recycling and re-use, is managed by the National Environmental Protection Agency. It is financed by contributions from members (mainly producers and importers).

Experimental operation of a pilot unit for the treatment of used filters (500 tons/year). Industrials are highly involved in this project: the Tunisian Company of Lubricating oils take care of recovery and regeneration of the oil fraction; a cement plant collects the synthetics fraction and assures recovery of its energy content; and one foundry handles the metal fraction.

**Turkey**

The project of "Integrated Environmental Project" which includes clinical and hazardous waste incineration and power production plant, industrial waste and domestic waste sanitary landfill, waste water treatment plant constructions were completed in 1997. The studies have been carried on for giving license to this plant.

- The studies have been carried on giving license to recycling/recovery facilities.
- For disposal of some waste in cement factories, it has been studied to give license to such places.
- The study of constitution of hazardous waste inventory has been begun.
- Meetings have been held in cooperation with industrialists and Turkish Ministry in order to minimize waste generation and improve the management of wastes.
- The study of forming the regional plans of waste management are being planned.
- The importation and use of the products which contains hazardous constituents are being controlled.

**United Kingdom**

The UK waste strategy sets out a waste hierarchy to act as an important policy framework within which waste management decisions can be made. This strategy sets out the following UK priorities of handling waste: reduction, reuse, recycling (including recovery, composting and incineration with energy recovery), and disposal as a final resort

In taking such decisions, the UK waste strategy asks producers to have regard to the Best Practicable Environmental Option for each particular waste.

Another policy method is the UK Waste Management Plan for exports and imports of waste, which was published in June 1996.

Para. 3(b) (iv): Measures taken in 1997 for the reduction of Transboundary Movement of Hazardous Wastes and other Wastes

Authorized Recovery/Recycling/Re-use, etc. options within national jurisdiction as of 1997

**Belgium**

| Facility / operation or process<br>(Name, address, organization /<br>company etc.) | Authorization valid<br>until | Description of the facility,<br>operation or process | Recovery/<br>Recycling<br>/<br>Re-use<br>etc.<br>'R' code | Waste Recovered (in metric tonnes) |                                       |
|--|------------------------------|--|---|------------------------------------|---------------------------------------|
|  |                              |  |   | Waste imported <sup>1</sup>        | Wastes generated locally <sup>2</sup> |
| <i>Flanders</i>  |                              |  |   |                                    |                                       |
| AARDEE RECYCLING NV  | 28-Sep-15                    | waste treatment/recovery                             | R03   | 16.060                             |                                       |
| AARDEE RECYCLING NV  | 28-Sep-15                    | waste treatment/recovery                             | R04   | 3,106.381                          |                                       |
| AGFA GEVAERT NV  | 16-Nov-98                    | graphical industry                                   | R03   | 100.127                            |                                       |
| AGFA GEVAERT NV  | 16-Nov-98                    | graphical industry                                   | R04   | 544.133                            |                                       |
| APROC BVBA   | 1-Dec-13                     | hazardous waste treatment                            | R03   | 25.000                             |                                       |
| ARGENTIA NV  | 15-Oct-12                    | graphical industry                                   | R13   | 63.541                             |                                       |
| BAERT - VERLEE NV  | 8-Jun-09                     | animal waste treatment                               | R03   | 551.040                            |                                       |
| BASF ANTWERPEN NV  | 14-Feb-01                    | chemical industry                                    | R02   | 226.780                            |                                       |
| BASF ANTWERPEN NV  | 14-Feb-01                    | chemical industry                                    | R03   | 239.960                            |                                       |
| BASF ANTWERPEN NV  | 14-Feb-01                    | chemical industry                                    | R04   | 238.690                            |                                       |
| BASF ANTWERPEN NV  | 14-Feb-01                    | chemical industry                                    | R05   | 3,542.593                          |                                       |
| CAMPINE METALLURGIE  | 1-Sep-11                     | metallurgy   | R04   | 29,941.122                         |                                       |
| COMINBEL NV  | 29-Aug-01                    | animal waste treatment                               | R03   | 7,744.563                          |                                       |
| DE CRAENE NV   | 14-Dec-99                    | scrap treatment                                      | R04   | 509.480                            |                                       |
| DE NEEF CHEMICAL<br>RECYCLING NV   | 14-Oct-12                    | hazardous waste treatment                            | R02   | 235.137                            |                                       |
| ECOWASTE NV  | 2-Jun-13                     | hazardous waste treatment                            | R13   | 1.800                              |                                       |
| EDELCHÉMIE BELGIE BVBA   | 17-Dec-12                    | hazardous waste treatment                            | R13   | 10.752                             |                                       |
| FINA RAFFINADERIJ<br>ANTWERPEN NV  | 6-Feb-03                     | oil refinery   | R12   | 35.840                             |                                       |
| GALLOOMETAL NV   | 22-Mar-00                    | scrap treatment                                      | R01   | 1,757.716                          |                                       |
| GALLOOMETAL NV   | 22-Mar-00                    | scrap treatment                                      | R04   | 2,646.550                          |                                       |
| INDAVER NV   | 31-Dec-99                    | hazardous waste<br>treatment/incineration            | R01   | 3,022.940                          |                                       |

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|--|------------------------------|--|---|------------------------------------|---------------------------------------|
|  |                              |  |   | Waste imported <sup>1</sup>        | Wastes generated locally <sup>2</sup> |
| <b>Belgium (continued)</b>   |                              |  |   |                                    |                                       |
| INDAVER NV   | 31-Dec-99                    | hazardous waste<br>treatment/incineration            | R02   | 10.760                             |                                       |
| INDAVER NV   | 31-Dec-99                    | hazardous waste<br>treatment/incineration            | R04   | 4.154                              |                                       |
| INDAVER NV   | 31-Dec-99                    | hazardous waste<br>treatment/incineration            | R05   | 3.305                              |                                       |
| LABO LIMB. UNIV. CENTR.<br>(CARLEER R.)  | 31-Oct-97                    | laboratory   | R99   | 3.000                              |                                       |
| MACHIELS RECYCLING<br>TECHNOLOGY NV  | 19-Oct-11                    | hazardous waste<br>treatment/incineration            | R04   | 92.156                             |                                       |
| METALLO CHEMIQUE<br>INTERNATIONAL NV   | 1-Sep-11                     | metallurgy   | R03   | 68.880                             |                                       |
| METALLO CHEMIQUE<br>INTERNATIONAL NV   | 1-Sep-11                     | metallurgy   | R04   | 26,844.828                         |                                       |
| MHO (METALLURGIE HOBOKEN<br>OVERPELT)  | null                         | metallurgy   | R04   | 300.772                            |                                       |
| MOTTAY & PISART ETN NV   | 3-Dec-97                     | waste oil treatment                                  | R01   | 288.680                            |                                       |
| MOTTAY & PISART ETN NV   | 3-Dec-97                     | waste oil treatment                                  | R09   | 16.000                             |                                       |
| PROVIRON INDUSTRIES NV   | 2-Sep-98                     | waste oil treatment                                  | R03   | 3,085.285                          |                                       |
| RAVAGO PLASTICS NV   | 29-Sep-08                    | waste treatment/recovery                             | R03   | 21.260                             |                                       |
| RECUP OIL  | 16-Jul-12                    | waste oil treatment                                  | R09   | 24.000                             |                                       |
| RECYPER BVBA   | 7-Feb-06                     | waste treatment/recovery                             | R02   | 1,290.490                          |                                       |
| RENDAC N.V. (ANIMALIA NV)  | 1-Jul-05                     | animal waste treatment                               | R03   | 6,094.411                          |                                       |
| REZINAL  | null                         | scrap treatment                                      | R04   | 1,809.691                          |                                       |
| RHODIA CHEMIE N.V. (RHONE-<br>POULENC)   | 20-Feb-11                    | chemical industry                                    | R05   | 8,699.769                          |                                       |
| RHODIA CHEMIE N.V. (RHONE-<br>POULENC)   | 20-Feb-11                    | chemical industry                                    | R06   | 19,223.281                         |                                       |
| SILT NV  | 27-Oct-14                    | sludge treatment                                     | R03   | 0.009                              |                                       |
| SOILS NV   | 22-Jul-13                    | soil treatment                                       | R05   | 4,664.633                          |                                       |
| UNION MINI.RE BALEN  | 9-Nov-15                     | metallurgy   | R04   | 3,025.394                          |                                       |
| UNION MINI.RE OXYDE NV   | null                         | metallurgy   | R04   | 2,802.796                          |                                       |
| UNION MINIERE BALEN  | 9-Nov-15                     | metallurgy   | R04   | 95.568                             |                                       |

| Facility / operation or process<br>(Name, address, organization /<br>company etc.)                            | Authorization valid<br>until | Description of the facility,<br>operation or process | Recovery/<br>Recycling<br>/<br>Re-use<br>etc.<br>'R' code | Waste Recovered (in metric tonnes) |                                       |
|---|------------------------------|--|---|------------------------------------|---------------------------------------|
|   |                              |  |   | Waste imported <sup>1</sup>        | Wastes generated locally <sup>2</sup> |
| <b>Belgium (continued)</b>  |                              |  |   |                                    |                                       |
| UNION MINIERE HOBOKEN   | 20-Nov-14                    | metallurgy   | R03   | 95.790                             |                                       |
| UNION MINIERE HOBOKEN   | 20-Nov-14                    | metallurgy   | R04   | 20,443.639                         |                                       |
| UNION MINIERE HOBOKEN   | 20-Nov-14                    | metallurgy   | R11   | 185.790                            |                                       |
| UNION MINIERE OLEN  | 23-Oct-09                    | metallurgy   | R04   | 125.042                            |                                       |
| UNION MINIERE OVERPELT  | 1-Jul-10                     | metallurgy   | R04   | 7,383.344                          |                                       |
| VAN DALEN BELGIE NV   | 14-Sep-99                    | scrap treatment                                      | R04   | 4,425.240                          |                                       |
| VAN POLLAERT GEBR. NV   | 20-Nov-02                    | animal waste treatment                               | R03   | 12,481.533                         |                                       |
| WATCO DECONTAMINATION<br>SERVICES NV  | null                         | hazardous waste treatment                            | R04   | 353.580                            |                                       |
| <sup>(1)</sup> Flanders : These amounts were reported with a notification of transfrontier shipments of waste |                              |  |   |                                    |                                       |
| <sup>(2)</sup> Flanders : only partially correct data available   |                              |  |   |                                    |                                       |
| <b>Wallonia</b>   |                              |  |   |                                    |                                       |
| C.B.R. , HARMIGNIES   | non authorised               | Energetic valorisation in<br>cement industry         | R09   |                                    |                                       |
| C.B.R. - LIXHE  | 03.12.2011                   | Energetic valorisation in<br>cement industry         | R09   |                                    |                                       |
| CHEMIRON - FELUY  | 07.08.2005                   | Recycling of activated<br>carbon                     | R06   |                                    |                                       |
| CIMENTS D'OBOURG - OBOURG   | 15.02.2000                   | Energetic valorisation in<br>cement industry         | R09   |                                    |                                       |
| FLORIDIENNE - ATH   | 03.07.2026                   | Recycling of Zinc and<br>Nickel salts                | R03   |                                    |                                       |
| HYDROMETAL - ENGIS  | 28.04.2017                   | Recycling of metallic salts                          | R03   |                                    |                                       |
| OLEA - HAUTRAGE   | 04.06.2002                   | Treatment of used oils                               | R12   |                                    |                                       |
| OLEA - HAUTRAGE   | 04.06.2002                   | Treatment of used oils                               | R08   |                                    |                                       |
| OLEA - HAUTRAGE   | 04.06.2002                   | Treatment of used oils                               | R02   |                                    |                                       |
| REVATECH - LIEGE  | 10.02.2013                   | Physico-chemical treatment<br>of waste               | R03   |                                    |                                       |
| REVATECH - LIEGE  | 10.02.2013                   | Physico-chemical treatment<br>of waste               | R04   |                                    |                                       |

| Facility / operation or process<br>(Name, address, organization /<br>company etc.) | Authorization valid<br>until | Description of the facility,<br>operation or process | Recovery/<br>Recycling<br>/<br>Re-use<br>etc.<br>'R' code | Waste Recovered (in metric tonnes) |                          |
|--|------------------------------|--|---|------------------------------------|--------------------------|
|  |                              |  |   | Waste imported                     | Wastes generated locally |
| <b>Belgium (continued)</b>   |                              |  |   |                                    |                          |
| REVATECH - LIEGE   | 10.02.2013                   | Physico-chemical treatment<br>of waste               | R13   |                                    |                          |
| REVATECH - EHEIN   | 31.12.2000                   | Physico-chemical treatment<br>of waste               | R04   |                                    |                          |
| SEDEMA - TERTRE  | 22.05.2016                   | Recycling of copper-<br>containing fluids            | R03   |                                    |                          |
| SCORIBEL - SENEFFE   | 09.02.2000                   | Pretreatment of waste before<br>energetic            | R12   |                                    |                          |
|  |                              | valorisation in cement<br>industry                   |   |                                    |                          |
| SCORIBEL - SENEFFE   | 09.02.2000                   | Pretreatment of waste before<br>energetic            | R09   |                                    |                          |
|  |                              | valorisation in cement<br>industry                   |   |                                    |                          |
| SEVECO - JUMET   | 04.02.1998                   | Regroupement   | R13   |                                    |                          |
| S.T.P.I. - ENGIS   | 27.12.1997                   | Pretreatment of waste before<br>energetic            | R12   |                                    |                          |
|  |                              | valorisation in cement<br>industry                   |   |                                    |                          |
| S.T.P.I. - ENGIS   | 27.12.1997                   | Pretreatment of waste before<br>energetic            | R09   |                                    |                          |
|  |                              | valorisation in cement<br>industry                   |   |                                    |                          |
| SOLVAY - JEMEPPE-SUR-<br>SAMBRE  | 01.01.2012                   | Valorisation of liquid and<br>organochlorated        | R02   |                                    |                          |
|  |                              | wastes   |   |                                    |                          |
| TERVAL - LIEGE   | 31.12.2002                   | Valorisation of waste                                | R04   |                                    |                          |
| VABOLUX - SAINT-HUBERT   |                              | - Incineration of contaminated<br>wood               | R12   |                                    |                          |
| VABOLUX - SAINT-HUBERT   |                              | - Incineration of contaminated<br>wood               | R09   |                                    |                          |

| Facility / operation or process<br>(Name, address, organization /<br>company etc.)  | Authorization valid<br>until | Description of the facility,<br>operation or process | Recovery/<br>Recycling<br>/<br>Re-use<br>etc.<br>'R' code | Amount of Waste (in metric tonnes) |                          |
|---|------------------------------|--|---|------------------------------------|--------------------------|
|   |                              |  |   | Waste imported                     | Wastes generated locally |
| <b>Benin</b>  |                              |  |   |                                    |                          |
| None  |                              |  |   |                                    |                          |
| <b>Brazil</b>   |                              |  |   |                                    |                          |
| - F.A.E. S/A Industria e Comércio<br>de Metais.<br>In 28/11/97 it imported from<br>Canadá   |                              | recycling  | R4  | 1000 t                             | n/a                      |
| - Acumuladores Moura S/A<br>It imported from Chile  |                              | recycling  | R4  | 500 t                              | n/a                      |
| - Tonolli do Brasil S/A Industria e<br>Comércio de Metais<br>In 23/12/97 it imported from<br>Romênia  |                              | recycling  | R4  | 24.000 t                           | n/a                      |
| <b>General Comment :</b><br>Brazilian legislation (CONAMA Resolution nr. 23/96) prohibits the import of hazardous wastes since January 13, 1997. However, the import of lead battery wastes was permitted, exceptionally and temporarily, (August 20 to December 31/97), through CONAMA Resolution nr. 228/97. Such imports required the prior approval of the Brazilian Environment Agency, the Environment Management Improvement Plan and the Auditing Report. |                              |  |   |                                    |                          |
| <b>Bulgaria</b>   |                              |  |   |                                    |                          |
| No data available   |                              |  |   |                                    |                          |
| <b>Burundi</b>  |                              |  |   |                                    |                          |
| No data is available  |                              |  |   |                                    |                          |

| Facility / operation or process<br>(Name, address, organization /<br>company etc.)  | Authorization valid<br>until | Description of the facility,<br>operation or process   | Recovery/<br>Recycling<br>/<br>Re-use<br>etc.<br>'R' code | Amount of Waste (in metric tonnes)  |                          |
|---|------------------------------|--|---|---|--------------------------|
|   |                              |  |   | Waste imported  | Wastes generated locally |
| <p><b>Canada</b></p> <p>In Canada, responsibility for licensing hazardous waste treatment and disposal facilities rests with the individual provinces and territories. Provincial or territorial approval is also required before a hazardous waste can be imported into Canada.</p> <p>Lists of companies having notified of their intention to import or export hazardous waste are published on a regular basis in the Resilog newsletter can be obtained through the Canadian competent authority or on the internet through the Environment Canada Green Lane home page at the following address:<br/> <a href="http://www.ec.gc.ca/resilog/resinews.htm">http://www.ec.gc.ca/resilog/resinews.htm</a></p> |                              | Capacity exists in Canada for the following operations : R1, R2, R3, R4, R5, R6, R7, R8, R9, R11, R12, R13, R14, R15 |   | 56% of total imports of hazardous wastes into Canada in 1997 were destined for recycling. |                          |
| <p><b>Comoros</b></p> <p>No such facilities</p>   |                              |  |   |   |                          |
| <p><b>Cyprus</b></p> <p>No such facilities</p>  |                              |  |   |   |                          |
| <p><b>Czech Republic</b></p> <p>25 recycling and regeneration installations</p>   |                              | total capacity 2100000 tonnes/year   | R2-R6   |   | N.A.                     |

| Facility / operation or process<br>(Name, address, organization /<br>company etc.)   | Authorization valid<br>until | Description of the facility,<br>operation or process | Recovery/<br>Recycling<br>/<br>Re-use<br>etc.<br>'R' code | Amount of Waste (in metric tonnes) |                          |
|--|------------------------------|--|---|------------------------------------|--------------------------|
|  |                              |  |   | Waste imported                     | Wastes generated locally |
| <b>Czech Republic (continued)</b>  |                              |  |   |                                    |                          |
| 21 composting plants for non-hazardous waste   |                              | total capacity 223000 tonnes/year                    |   |                                    | N.A.                     |
| 22 biological decontamination plants   |                              | total capacity 327000 tonnes year                    |   |                                    | N.A.                     |
| <b>General Comment:</b><br>This table contains data on recovery/recycling/re-use facilities meeting the 1997 legal criteria. No hazardous wastes were imported in 1997. Data concerning amount of locally generated waste in 1997 are not available. |                              |  |   |                                    |                          |

### Denmark

| Company                               | Address           | Zip City          | R Code    |
|---------------------------------------|-------------------|-------------------|-----------|
| BOFA                                  | Almegårdsvej 8    | 3700 Rønne        | R12       |
| J.S. Miljøservice - Jørn Sandahl A/S  | Arresøvej 45      | 8240 Risskov      | R12       |
| Cleanodan A/S                         | Dalager 7         | 2605 Brønby       | R5        |
| NICHA Miljøteknik A/S                 | Damsbovej         | 5492 Vissenbjerg  | R12       |
| Stæten A/S                            | Donbækvej 34      | 9900 Fredrikshavn | R12       |
| Dansk Oliegenbrug A/S                 | Endelavevej 10-12 | 8700 Horsens      | R12       |
| Rectus ApS                            | Engtoften 11      | 8260 Viby         | R4        |
| I/S Mokra                             | Fabriksparken 6   | 4621 Gadstrup     | R12       |
| S.P. Jensen A/S Kloak og Miljøservice | Flødalsvej 18     | 9230 Svenstrup J  | R12       |
| Foxdal Fototeknik ApS                 | Gadagervej 15     | 2620 Alberslund   | R4        |
| Dansk Industrirens A/S                | Gl. Landevej 86   | 7000 Fredericia   | R12       |
| A.A. Service og Transport A/S         | Holbækvej 162     | 4450 Jyderup      | R12       |
| DAN-RENS I/S                          | Hvillimusvej 9    | 7400 Herning      | R4 R12    |
| FJ Separation ApS                     | Industrihegnet 14 | 4000 Roskilde     | R12       |
| ANPO Affaldssystem                    | Industrihegnet 8C | 4000 Roskilde     | R4 R9 R12 |
| Dansk Olie Genbrug A/S                | Juelsmindevej 6   | 4400 Kalundborg   | R12       |
| Kemi Service A/S                      | Karetmagervej 19  | 7100 Vejle        | R12       |
| I/S Mokana                            | Langerak 21       | 9220 Aalborg Ø    | R12       |

**Denmark (continued)**

| <b>Company</b>   | <b>Address</b>        | <b>Zip City</b>   | <b>R Code</b> |
|--|-----------------------|-------------------|---------------|
| Haderslev Slamsugerservice I/S                             | Langkær 29            | 6100 Haderslev    | R12           |
| Kommunekemi  | Lindholmvej 3         | 5800 Nyborg       | R1 R9 R12 R13 |
| SMOK   | Mads Clausensvej 25   | 6360 Tinglev      | R12           |
| Forbrændingsanlæg AVV                                      | Mandøvej 8B           | 9800 Hjørring     | R12           |
| I/S Revas  | Middagshøjvej 54      | 8800 Viborg       | R12           |
| Dansk CFC Genvinding                                       | Mosevej 20B           | 8240 Risskov      | R12           |
| LHG Group  | Nybodalen 1           | 7500 Holstebro    | R9            |
| Chembo Overfaldeteknik A/S                                 | Oldenvej 15           | 3490 Kvistgård    | R12           |
| Gunnar Lund Olieservice A/S                                | Olievej 10-12         | 6700 Esbjerg      | R12           |
| SWS Specialforbrændingen                                   | Peter L. Jensensvej 4 | 4840 Nørre Alslev | R1            |
| U.F. Teknik  | Prøvestenen, K-vej    | 2300 København S  | R9            |
| Rockwool A/S   | Rockwool Vej 1        | 9500 Hobro        | R5            |
| Randers Losseplds  | Romalt Boulevard      | 8900 Randers      | R12           |
| ALBA A/S   | Rugvænget 1-5         | 2630 Taastrup     | R12           |
| MOFA   | Rønnevangs Alle 5     | 3400 Hillerød     | R12           |
| Aalborg Portland A/S                                       | Rørdalsvej 44         | 9100 Aalborg      | R1 R5 R7      |
| I/S Esbjerg Modtagestation                                 | Sahara 6              | 6700 Esbjerg      | R12           |
| G. A. Gruppen  | Skovbrynet 2          | 6510 Gram         | R12           |
| Hals Metalsmelteri A/S                                     | Skovgårdsvej 18       | 9370 Hals         | R4            |
| Storkøbenhavns modtagestation for olie- og kemikalieaffald | Telgholmsgade 34      | 2450 København SV | R12           |
| Djurslands Spildoliedepot ApS                              | Tempovej 10           | 8500 Grenaa       | R12           |
| Scanfors A/S   | Torsøvej 6            | 8240 Risskov      | R4            |
| Jysk Miljørens A/S   | Ursusvej 14           | 8464 Galten       | R3 R6 R9 R12  |
| Nordisk Jern & Metal A/S                                   | Værkstedsvej 38       | 4600 Køge         | R4            |
| Moos Olie-Raffinering                                      | Ærøvej 9              | 6520 Toftlund     | R12           |
| Modtagestation for farligt affald, Århus                   | Åbrinkvej 51          | 8000 Århus C      | R12           |

| Facility / operation or process<br>(Name, address, organization /<br>company etc.) | Authorization valid<br>until | Description of the facility,<br>operation or process | Recovery/<br>Recycling<br>/<br>Re-use<br>etc.<br>'R' code | Amount of Waste (in metric tonnes) |                          |
|--|------------------------------|--|---|------------------------------------|--------------------------|
|  |                              |  |   | Waste imported                     | Wastes generated locally |
| <b>Estonia</b>   |                              |  |   |                                    |                          |
| No new authorized recovery facilities.   |                              |  |   |                                    |                          |

## Finland

| Regional Environment<br>Centre<br>(Supervising authority)        | Establishment/<br>undertaking       | Address  | Telephone           | Telefax             | Method of<br>disposal<br>or<br>recovery | Design<br>capacity   |          | Type of waste<br>EWC Code   |
|--|-------------------------------------|--|---------------------|---------------------|---|----------------------|----------|---|
|  |                                     |  |                     |                     |   |                      |          |   |
| <b>SOUTHWEST<br/>FINLAND REGIONAL<br/>ENVIRONMENT<br/>CENTRE</b> | Arwina Oy                           | 21560 Ollila   | +358-2-<br>4846 776 | +358-2-<br>4846 544 | R2                                      | 2000-<br>4000        | t/a      | 14 01 02, 14 01 03<br>14 01 05, 14 03 01,<br>08 01 01, 08 01 02     |
|  | EkoEvo Oy                           | Rieskalähteentie 85<br>20300 Turku                       | +358-2-<br>2373 843 |                     | R4                                      | 100                  | t/a      | 09 01 01  |
|  |                                     |  |                     |                     | R4                                      | 100                  | t/a      | 09 01 04  |
|  | Ekokem Oy Ab<br>Pori                | Kirrinrannantie 3<br>28880 Pori                          | +358-2-<br>6383 929 | +358-2-<br>6383 378 | R9                                      | 50<br>000            | t/a      | 13 02 00  |
|  |                                     |  |                     |                     |   | 20<br>000            | t/a      | 13 04 00, 13 06 00<br>-waste oil<br>-bilge water and<br>oily waters |
|  | Outokumpu Harja-<br>valta Metals Oy | Outokumpu Har-<br>jalvalta Metals Oy<br>29200 Harjavalta | +358-2-<br>5358 111 | +358-2-<br>5358 239 | R1                                      | 12000                | t/a      | 13 02 06 (use of<br>waste oil as a fuel)                            |
|  | Porin Lämpövoima<br>Oy              | Aittaluoto<br>P.O.Box 176<br>28101 Pori                  | +358-2-<br>6212 300 | +358-2-<br>6212 366 | R1                                      |                      |          | 13 02 06 (use of oil<br>waste as a fuel)                            |
| Silver-Oiva  | Vanha-Hämeentie 68<br>20540 Turku   | +358-2-<br>2378 068                                      |                     | R4                  | 40                                      | m <sup>3</sup><br>/a | 09 01 04 |   |

**Finland (continued)**

| Regional Environment Centre<br>(Supervising authority) | Establishment/<br>undertaking  | Address                            | Telephone              | Telefax                | Method of<br>disposal<br>or<br>recovery | Design<br>capacity |                      | Type of waste<br>EWC Code   |
|--|--------------------------------|------------------------------------|------------------------|------------------------|---|--------------------|----------------------|---|
|  | UPM-Kymmene Oy                 | P.O.Box 95<br>26101 Rauma          | +358-2-020-<br>4143411 | +358-2-020-<br>4143174 | R1                                      |                    |                      | 13 02 06 (use of<br>waste oil as a fuel)  |
|  | VP Huotari Ky                  | Vuorikuja 3<br>20320 Turku         | +358-2-439<br>9609     |                        | D9                                      | 120                | m <sup>3</sup><br>/a | 13 04 00  |
|  | Säkkiväline<br>Puhtaanapito Oy | Vaskikatu 13<br>20380 Turku        | + 358-2-20<br>505 152  | +358-2-20<br>505 3520  | D9                                      | 1500               | t/a                  | 13 04 00, 13 06 01,<br>14 01 05   |
|  | Turun Pesutekniikka<br>Oy      | Autoilijankatu 26<br>20791 Kaarina | +358-2-413<br>0300     | 02-413 0333            | D9                                      | 200                | m <sup>3</sup><br>/a | 13 00 00 oily<br>wastes, bilge water  |
|  | Pesupalvelu<br>Hans Langh Oy   | Alaskartano<br>21500               | +358-2-479<br>5355     | 02-479 6222            | D9                                      | 300                | m <sup>3</sup><br>/a | 13 00 00  |
| <b>UUSIMAA REGIONAL<br/>ENVIRONMENT<br/>CENTRE</b>     | Ekofix Oy                      | Kytöntie 38<br>00770 Helsinki      | +358-9-388<br>1913     | +358-9-388<br>2962     | R4<br>electrolysi<br>s                  | 800                | t/a                  | 09 01 04 fixer sol-<br>utions   |
|  |                                |                                    |                        |                        | R4<br>electrolysi<br>s                  | 60                 | t/a                  | 11 01 01 waste<br>water containing<br>cyanides and pre-<br>cious metals   |
|  |                                |                                    |                        |                        | R4<br>evaporatio<br>n                   | 600                | t/a                  | 09 01 01 developer<br>solutions<br>11 01 05 waste<br>water from surface<br>treatment  |
|  |                                |                                    |                        |                        | R13                                     | 105                | t/a                  | 09 01 07 photo-<br>graphic film and<br>paper containing<br>silver<br>18 01 99 01 amal-<br>gam<br>06 04 05 lead folio,<br>18 01 99 01 amal-<br>gam capsules and<br>clothes<br>06 04 04 bottles<br>containing mercury |

**Finland (continued)**

| Regional Environment Centre<br>(Supervising authority) | Establishment/<br>undertaking          | Address                               | Telephone                                | Telefax              | Method of disposal<br>or recovery  | Design capacity |                     | Type of waste<br>EWC Code   |
|--|--|---------------------------------------|--|----------------------|--|-----------------|---------------------|---|
|  |  |                                       |  |                      |  |                 |                     |   |
|  | Orion-yhtymä Oy<br>Fermion             | P.O.Box 50<br>10901 Hanko             | +358-19-<br>280 81                       | +358-19-<br>280 8223 | R2<br>(distillation)   | 6000            | t/a                 | 14 00 00 solvents   |
|  | Tynnyrimaalaamo<br>Onni Forsell Ky     | Rajalantie 5<br>05200 Rajamäki        | +358-9-290<br>0100                       | +358-9-290<br>3138   | D9<br>cleaning<br>of drums   | 25000<br>0      | dr<br>u<br>ms<br>/a | drums containing<br>13 00 00 (lubri-<br>cants such as oil<br>and its additives) |
|  |  |                                       |  |                      | 14 00 00 (solvent<br>containing materials<br>such as petroleum<br>spirits, polyesters,<br>alkyd resin,<br>polyols)<br>- antifreezing<br>solutions, glycols<br>-raw materials<br>from detergent in-<br>dustry<br>-raw materials<br>from food industry |                 |                     |   |
| D9   |  |                                       |  |                      | 15000  |                 |                     | co<br>nt.<br>/a   |
|  |  |                                       |  |                      | D13<br>(collection<br>) and D9<br>(washing)  | 1000            | t/a                 | small packages;<br>16 05 00, 14 00 00,<br>13 00 00                              |
|  | Composting field of<br>Kiertokapula Oy | Kapulansillantie 10<br>05880 Hyvinkää | +358-9-488<br>278 (Kierto-<br>kapula Oy) |                      | R10<br>compostin<br>g  | 10<br>000       | t/a                 | 17 05 01 01<br>soil contaminated<br>with oil                                    |

**Finland (continued)**

| Regional Environment Centre<br>(Supervising authority) | Establishment/<br>undertaking | Address   | Telephone | Telefax           | Method of<br>disposal<br>or<br>recovery | Design<br>capacity |     | Type of waste<br>EWC Code        |   |
|--|-------------------------------|---|-----------|-------------------|---|--------------------|-----|----------------------------------|---|
|  |                               |   |           |                   |   |                    |     |                                  |   |
|  | Kurt Siren                    | Yläkartanonkuja 2 A<br>13<br>02300 Espoo<br>Place of business:<br>Pohja |           |                   | R4                                      | 6 000              | l/a | 09 01 04 fixer sol-<br>utions    |   |
|  |                               |   |           |                   | R13                                     | 360                | t/a | 09 01 07 photo-<br>graphic films |   |
|  | Kuusakoski Oy                 | P.O.Box 6<br>02781 Espoo  |           | +358-9-811<br>511 | +358-9-810<br>012                       | R4                 | 400 | t/a                              | 09 01 07<br>photographic film<br>and paper contain-<br>ing silver           |
|  |                               |   |           |                   |   | R4                 | 800 | t/a                              | 09 01 04 fixer sol-<br>utions   |
|  |                               |   |           |                   |   | R4                 | 80  | t/a                              | 11 01 01<br>cyanide waste con-<br>taining precious<br>metals                |
|  |                               |   |           |                   |   | R4                 | 2   | t/a                              | 06 04 05<br>grinding and<br>sweeping waste<br>containing<br>precious metals |
|  |                               |   |           |                   |   | D9                 | 2   | t/a                              | 11 01 06 acidic<br>solutions<br>containing gold<br>and silver               |
|  |                               |   |           |                   |   | D9                 | 2   | t/a                              | 19 08 00 ion<br>exchange resin<br>containing<br>precious metals             |
|  |                               |   |           |                   |   | D9                 | 1   | t/a                              | 11 00 00 activators<br>containing<br>palladium and tin                      |
|  |                               |   |           |                   |   | D9                 | 0,5 | t/a                              | 11 00 00 wastes<br>containing silver<br>halogens                            |

**Finland (continued)**

| Regional Environment Centre<br>(Supervising authority) | Establishment/<br>undertaking | Address                                      | Telephone       | Telefax        | Method of disposal<br>or recovery | Design capacity |                        | Type of waste<br>EWC Code                                      |
|--|-------------------------------|--|-----------------|----------------|-----------------------------------|-----------------|------------------------|--|
|  |                               |  |                 |                |                                   |                 |                        |  |
|  |                               |  |                 |                | D9                                | 0,5             | t/a                    | 11 00 00 catalytic materials containing platinum and palladium |
|  |                               |  |                 |                | D9                                | 0,1             | t/a                    | 11 00 00 solutions from plating with rodium                    |
|  |                               |  |                 |                | D9                                | 100             | t/a                    | 16 01 01 catalyzer scrap from cars                             |
|  |                               |  |                 |                | D13                               | 100             | t/a                    | 09 01 02, 19 01 03 developer solutions                         |
|  |                               |  |                 |                | D13                               | 0.1             | t/a                    | 18 01 99 01 amalgam waste                                      |
|  | Oy Lindström Consulting Ab    | Vanha Nurmijärventie 116-118<br>01730 Vantaa | +358-9-595 847  | +358-9-595 319 | R4 evaporation                    | 10              | t/a                    | 18 01 99 01 amalgam waste                                      |
|  | Mavia Oy                      | Keiholehdentie 15<br>01300 Vantaa            | +358-9-870 1828 |                | R4 electrolysis                   | 5               | m <sup>3</sup> /<br>/a | 09 01 04 fixer solutions                                       |
|  | Oy Lindström Consulting Ab    | Vanha Nurmijärventie 116-118<br>01730 Vantaa | +358-9-595 847  | +358-9-595 319 | R4 evaporation                    | 10              | t/a                    | 18 01 99 01 amalgam waste                                      |
|  | Mavia Oy                      | Keiholehdentie 15<br>01300 Vantaa            | +358-9-870 1828 |                | R4 electrolysis                   | 5               | m <sup>3</sup> /<br>/a | 09 01 04 fixer solutions                                       |
|  |                               |  |                 |                | R13 storage                       | 600             | elements<br>/a         | 19 08 06 ion exchange material from reprographic industry      |
|  |                               |  |                 |                | R13 storage                       | 6               | t/a                    | 09 01 07 waste film  |

**Finland (continued)**

| Regional Environment Centre<br>(Supervising authority) | Establishment/<br>undertaking   | Address                                  | Telephone            | Telefax              | Method of disposal<br>or<br>recovery                         | Design capacity |                      | Type of waste<br>EWC Code                            |
|--|---|--|----------------------|----------------------|--|-----------------|----------------------|--|
|  |   |  |                      |                      |  |                 |                      |  |
|  | Nurmijärven kunta<br>(municipality of<br>Nurmijärvi)<br>Metsä-Tuomelan<br>jäteasema | P.O.Box 37<br>01901 Nurmijärvi           | +358-9-20<br>881     | +358-9-208<br>8240   | D9<br>oil/water<br>separator                                 | 200             | m <sup>3</sup><br>/a | 13 05 02<br>oil/water mixtures                       |
|  |   |  |                      |                      | R10<br>biological<br>treatment                               | 200             | m <sup>3</sup><br>/a | 13 05 05<br>oil waste (solid or<br>sludge)           |
|  | Stena Scanfors Ab   | Melkonkatu 24<br>00210 Helsinki          | +358-9-682<br>4010   | +358-9-<br>6824 0127 | R4<br>electrolysi<br>s                                       | 150             | t/a                  | 09 01 04 fixer<br>solutions                          |
|  |   |  |                      |                      | R13<br>storage   | 150             | t/a                  | 09 01 01 developer<br>solutions                      |
|  |   |  |                      |                      | R13<br>storage   | 3               | t/a                  | 09 01 07 films                                       |
|  | Sun Chemical Oy   | Pieni Teollisuuskatu<br>2<br>02920 Espoo | +358-9-852<br>4000   | +358-9-853<br>4251   | R5<br>distillation   | 180             | t/a                  | 03 03 00<br>newspaper ink                            |
|  | Tervalo Oy<br>(Oy Airam Ab)   | Lampputie 4<br>00750 Helsinki            | +358-9-34<br>921     | +358-9-369<br>2457   | R5   | 700<br>000      | la<br>m<br>ps/<br>a  | 20 01 21<br>lamps containing<br>mercury              |
|  |   |  |                      |                      | R5   | 300<br>000      | la<br>m<br>ps/<br>a  | 20 01 21<br>mercury vapour<br>lamps                  |
|  | Composting field for<br>contaminated soils<br>(City of Helsinki)                    | Viikintie 15<br>00650 Helsinki           | +358-9-166<br>3843   | +358-9-372<br>815    | R10<br>compostin<br>g  | 20<br>000       | m <sup>3</sup><br>/a | 17 05 01 01<br>soil contaminated<br>with oil and PAH |
|  | Tekamat Oy  | Yrittäjänkatu 9<br>06150 Porvoo          | +358-19-<br>5230 333 | +358-19-<br>580 333  | R12 use of<br>waste<br>solvent as<br>a detergent<br>solution | 5               | t/a                  | 14 01 01<br>trichloroethylene                        |

**Finland (continued)**

| Regional Environment Centre<br>(Supervising authority)  | Establishment/<br>undertaking                     | Address  | Telephone             | Telefax               | Method of<br>disposal<br>or<br>recovery  | Design<br>capacity |            | Type of waste<br>EWC Code  |
|---|---|--|-----------------------|-----------------------|--|--------------------|------------|--|
|   | Paketo Oy   | Myllypadontie 35<br>01760 Vantaa                         | +358-9-878<br>8351    |                       | D9<br>washing<br>(movable<br>washing<br>unit)  |                    |            | 08 03 00 ink<br>containers from<br>printing industry               |
| <b>SOUTH SAVO<br/>REGIONAL ENVIRON-<br/>MENT CENTRE</b> | Ekoteho Oy  | Teollisuustie 5<br>76100 Pieksämäki                      | +358-15 -<br>484040   | +358-15 -<br>484041   | R13  | 750                | t/a        | 20 01 21   |
|   |   |  |                       |                       | R1   | 10                 | t/a        | 13 02 00   |
|   |   |  |                       |                       | R3   | 25                 | t/a        | 13 06 01   |
|   | Savonlinnan<br>kaupunki (City of Sa-<br>vonlinna) | Olavinkatu 27<br>57130 Savonlinna                        | +358-15 -<br>571640   | +358-15 -<br>272425   | R9,D15   | 100                | t/a        | 13 02 00 and<br>13 04 00   |
|   |   |  |                       |                       | R10,D9   | 20                 | t/a        | 13 06 00   |
|   | Mikkelin kaupunki<br>(City of Mikkeli)            | P.O.Box 33<br>50101 Mikkeli                              | +358-15 -<br>194 2500 | +358-15 -<br>194 2506 | R10,D9   | 200                | t/a        | 13 06 00   |
| Silcarbon Finland Oy                                    | Syrjäläntie 69<br>19110 Vierumäki                 | +358-3-<br>7187474                                       | +358-3-<br>7187333    | R5,D9                 | 2000   | t/a                | 19 08 00   |  |
| <b>HÄME<br/>REGIONAL ENVIRON-<br/>MENT CENTRE</b>       | Arimer Oy<br>Ekokem Oy Ab                         | Verstastie 3<br>33430 Tampere                            | +358-3-<br>3434240    |                       | R 1  | 300                | t/a        | 140103   |
|   |   | Kuulokujankuja 1<br>11310 Riihimäki                      | +358-19-<br>7151      | +358-19-<br>715300    | D5   | 10<br>000          | t/a        | 06, 10, 11 (solid)   |
|   |   |  |                       |                       | <b>D9 total<br/>max.</b>   | <b>15<br/>000</b>  | <b>t/a</b> | <b>06, 11</b>  |
|   |   |  |                       |                       | <b>disposal capacity is divided to following<br/>processes (maximum capacity of each):</b> |                    |            |  |
|   |   |  |                       |                       | D9   | 3 000              | t/a        | 110101, 110102   |
|   |   |  |                       |                       | D9   | 15<br>000          | t/a        | 0601, 0602, 0603<br>(liquid);<br>110104 - 110108,<br>1102 (sludge) |
|   |   |  |                       |                       | <b>D10 total<br/>max. *)</b>   | <b>70<br/>000</b>  | <b>t/a</b> | <b>02 - 05, 07 - 09,<br/>12 - 16, 18 - 20<br/>(organic waste)</b>  |
|   |   | <b>D10 maximum disposal capacity per waste<br/>type:</b> |                       |                       |  |                    |            |  |

**Finland (continued)**

| Regional Environment Centre<br>(Supervising authority) | Establishment/<br>undertaking                          | Address                     | Telephone | Telefax             | Method of<br>disposal<br>or<br>recovery | Design<br>capacity |      | Type of waste<br>EWC Code                            |          |
|--|--|-----------------------------|-----------|---------------------|---|--------------------|------|--|----------|
|  |  |                             |           |                     |   |                    |      |  |          |
|  |  |                             |           |                     | D9                                      | 9 000              | t/a  | 110103   |          |
|  |  |                             |           |                     | D10                                     | 4 000              | t/a  | 130101, 130301;<br>C1 concentr. appr.<br>40%         |          |
|  |  |                             |           |                     | D10                                     | 3 000              | t/a  | 160201   |          |
|  |  |                             |           |                     | D10                                     | 30<br>000          | t/a  | 02 - 05, 07 - 09,<br>12- 16, 18 - 20;<br>solid, org. |          |
|  |  |                             |           |                     | D10/R1                                  | 30<br>000          | t/a  | 05, 07, 08, 13, 14,<br>16; paste                     |          |
|  |  |                             |           |                     | D10/R1                                  | 40<br>000          | t/a  | 05, 07, 08, 13, 14;<br>liquid                        |          |
|  |  |                             |           |                     | R9                                      | 60<br>000          | t/a  | 13   |          |
|  |  |                             |           |                     | R4                                      | 1 500              | t/a  | 200121   |          |
|  | Päijät Hämeen Jäte-<br>huolto Oy/<br>Kujalan jäteasema | Kulmakatu 10<br>15140 Lahti |           | +358-3-734-<br>1909 |   | D2                 | 1800 | t/a  | 180103   |
|  |  |                             |           |                     |   | D14                | 19,8 | t/a  | 19842    |
|  |  |                             |           |                     |   | D14                | 2,9  | t/a  | 140103   |
|  |  |                             |           |                     |   | D14                | 0,6  | t/a  | 090105   |
|  |  |                             |           |                     |   | D14                | 0,5  | t/a  | 130108   |
|  |  |                             |           |                     |   | D14                | 0,2  | t/a  | 120109   |
|  |  |                             |           |                     |   | D14                | 20,7 | t/a  | 160601   |
|  |  |                             |           |                     |   | D14                | 3    | t/a  | 16060401 |
|  |  |                             |           |                     |   | D14                | 0,06 | t/a  | 110102   |
|  |  |                             |           |                     |   | D14                | 7,8  | t/a  | 200112   |
|  | Loimi-Hämeen<br>Jätehuolto Oy                          | Turuntie 18<br>30100 Forssa |           | +358-3-424-<br>2600 |   | D 2                | 600  | t/a  | 050100   |
|  |  |                             |           |                     |   | D 14               | 500  | t/a  | 180204   |
|  |  |                             |           |                     |   | D 1                | 200  | t/a  | 10010101 |

**Finland (continued)**

| Regional Environment Centre<br>(Supervising authority)              | Establishment/<br>undertaking  | Address                              | Telephone           | Telefax            | Method of disposal<br>or<br>recovery                                  | Design capacity |                      | Type of waste<br>EWC Code                |
|---|--|--------------------------------------|---------------------|--------------------|---|-----------------|----------------------|--|
|   |  |                                      |                     |                    |   |                 |                      |  |
|   |  |                                      |                     |                    | D2  | 1500            | m <sup>3</sup><br>/a | 050100                                   |
|   | Säkkiväline<br>Puhtaanapito Oy   | Apilakatu 4<br>15610 Lahti           | +358-3-782-<br>5226 |                    | D 14  | 2               | t/a                  | 050100                                   |
|   |  |                                      |                     |                    | D 14  | 2               | t/a                  | 160601                                   |
|   |  |                                      |                     |                    | D 14  | 2               | t/a                  | 140103                                   |
|   |  |                                      |                     |                    | D 14  | 10              | t/a                  | 200121                                   |
|   |  |                                      |                     |                    | D 1   | 1800            | t/a                  | 180103                                   |
|   | Cleaning &<br>Recycling<br>R&C Systems Oy  | Uusi-Mälkiläntie 72<br>36600 Pälkäne | +358-3-534<br>3348  | +358-3-534<br>1148 | R 9   | 1000            | t/a                  | 12 01 07, 12 01 09,<br>12 01 10          |
| *) D10 total amount of chlorine contained in waste max. 3600 t/a    |  |                                      |                     |                    |   |                 |                      |  |
| <b>SOUTH EAST<br/>FINLAND<br/>REGIONAL ENVIRON-<br/>MENT CENTRE</b> | Pyroplan Ky  | P.O.Box 76<br>53101 Lappeenranta     | +358-5-414<br>2791  | +358-5-414<br>3171 | D<br>(Incinerati<br>on; silver<br>ash delive-<br>red for<br>recovery) | 150             | t/a                  | 090107                                   |
|   | WM Yrityspalvelut<br>Oy; Kotkan Hovin-<br>saaren ongelmajät-<br>teiden lajittelu ja<br>käsittelypaikka (sor-<br>ting and treatment<br>site for hazardous<br>waste) | Viilaajankatu 6<br>15520 Lahti       | +358-3-882<br>220   |                    | R   | 200             | t/a                  | 130000<br>140000<br>160600<br>200121     |
|   | JS-SEPÄT KY  | Raidekuja 6<br>55800 Imatra          | +358-5-473<br>4352  | +358-5-436<br>7998 | R   | 1000            | t/a                  | 130000<br>160600<br>140000<br>200121     |
|   | Kotkan kaupunki<br>(City of Kotka)   | P.O.Box 114<br>48101 Kotka           | +358-5-<br>2341     |                    | D<br>(Composti<br>ng)   | 300             | m <sup>3</sup><br>/a | 130601 (soil con-<br>taminated with oil) |

**Finland (continued)**

| Regional Environment Centre<br>(Supervising authority)       | Establishment/<br>undertaking                 | Address                                | Telephone                                     | Telefax               | Method of disposal<br>or<br>recovery | Design capacity   |  | Type of waste<br>EWC Code                     |
|--|---|--|---|-----------------------|--------------------------------------|-------------------|--|---|
|  | Imatran kaupunki<br>(City of Imatra)          | Virastokatu 2<br>55100 Imatra          | +358-5-<br>6811                               |                       | D<br>(Composting)                    | 600               | m <sup>3</sup> /a                                    | 130601 (soil contaminated with oil)           |
|  | Lappeenrannan kaupunki (City of Lappeenranta) | P.O.Box 38<br>53101 Lappeenranta       | +358-5-<br>6161                               |                       | D<br>(Composting)                    | 600               | m <sup>3</sup> /a                                    | 130601 (soil contaminated with oil)           |
|  | Säkkiväline<br>Puhtaanapito Oy                | Mäntysuonkatu 13<br>53100 Lappeenranta | +358-5-457<br>0175                            | +358-5-416<br>2967    | R9<br>(Eleclean)                     | 100               | t/a  | 13 06 00 water / oil mixtures                 |
| <b>NORTH CARELIA<br/>REGIONAL<br/>ENVIRONMENT<br/>CENTRE</b> | WM Ympäristöpalvelut Oy                       | Viilarinpolku 9 - 11<br>80400 Ylämylly | +358-13-<br>852 001                           | +358-13-<br>852 010   | D 9                                  | 4<br>000          | t/a  | 13 00 00                                      |
|  |   |  |   |                       | D 14                                 | 600               | t/a  | 20 01 20 01                                   |
|  |   |  |   |                       | D 14                                 | 1<br>200          | t/a  | small amounts of domestic hazardous waste     |
| <b>NORTH SAVO<br/>REGIONAL<br/>ENVIRONMENT<br/>CENTRE</b>    | Iisalmen kaupunki<br>(City of Iisalmi)        | P.O.Box 10<br>74101 Iisalmi            | +358-17-<br>830 1285                          | +358-17 -<br>830 1249 | D 8                                  | 150               | m <sup>3</sup> /a                                    | 13 06 01, 15 02<br>solid oil waste            |
|  |   |  |   |                       | D 9                                  | 100               | m <sup>3</sup> /a                                    | 13 06 oily waters                             |
|  | Kuopion kaupunki<br>(City of Kuopio)          | P.O.Box 1097<br>70101 Kuopio           | +358-17 -<br>185 111                          | +358-17 -<br>185 010  | D 8                                  | 170               | m <sup>3</sup> /a                                    | 13 06 01, 15 02<br>solid oil waste            |
|  |   |  |   |                       | D 9                                  | 60<br>(=31<br>20) | m <sup>3</sup> /<br>week<br>(=m <sup>3</sup> /<br>a) | 13 04 00, 13 05 00<br>13 06 00<br>oily waters |
|  | Savon Projekti-<br>Service Oy                 | Kuvansintie 10<br>78 850 Varkaus       | +358-17 -<br>558 0826<br>+358-49 -<br>375 775 | +358-17 -<br>558 0827 | D 9                                  | 25                | t/a  | 13 06 01 oil filters                          |
| Suonenjoen kaupunki (City of Suonenjoki)                     | P.O.Box 13<br>77601 Suonenjoki                | +358-17 -<br>513 311                   | +358-17 -<br>513 150                          | D 8                   | 100                                  | m <sup>3</sup> /a | 13 06 01, 15 02<br>solid oil waste                   |   |

**Finland (continued)**

| Regional Environment Centre<br>(Supervising authority) | Establishment/<br>undertaking              | Address                                | Telephone            | Telefax               | Method of disposal<br>or recovery | Design capacity      |                           | Type of waste<br>EWC Code                      |
|--|--|--|----------------------|-----------------------|-----------------------------------|----------------------|---------------------------|--|
|  |  |  |                      |                       |                                   |                      |                           |  |
|  | Varkauden kaupunki<br>(City of Varkaus)    | P.O.Box 208<br>78201 Varkaus           | +358-17 -<br>579 411 | +358-17 -<br>579 4450 | D 8                               | 250                  | m <sup>3</sup><br>/a      | 13 06 01<br>solid oil waste                    |
|  |  |  |                      |                       | D 5                               | 350                  | t/a                       | 17 02 01<br>sludges containing<br>heavy metals |
|  |  |  |                      |                       | D 15                              | 35                   | t/a                       | 20 01 21 mercury<br>containing wastes          |
| <b>WEST FINLAND REGIONAL ENVIRONMENT CENTRE</b>        | Ekopiili Ky                                | Launisaarentie 90<br>68600 Pietarsaari | +358-6-<br>7237839   | +358-6-723-<br>7713   | D 9                               | 30                   | t/a                       | 13 06 01                                       |
|  | T:mi Forestoil                             | Horsmatie 6<br>65280 Vaasa             | +358-6-321-<br>1969  |                       | R 9                               | 200                  | t/a                       | 13 01 07 and<br>13 02 03                       |
|  | Säiliö Cistern - Puts                      | P.O. Box 191<br>65101 Vaasa            | +358-6-<br>344 1648  |                       | D 9                               | 200                  | t/a                       | 13 06 01                                       |
| <b>CENTRAL FINLAND REGIONAL ENVIRONMENT CENTRE</b>     | Ekokem Oy Ab<br>Jämsänkoski                | Myllyharjuntie 20<br>42300 Jämsänkoski | +358-14-<br>746 730  | +358-14-<br>747 427   | R9                                | 4000                 | t/a                       | 130106   |
|  | Jämsän kaupunki<br>(City of Jämsä)         | Seppolantie 10<br>42100 Jämsä          | +358-14-71<br>721    | +358-14-<br>718 753   | D8                                | 200                  | m <sup>3</sup><br>/a      | 130601   |
|  | Jyväskylän kaupunki<br>(City of Jyväskylä) | Eeronkatu 10<br>40720 Jyväskylä        | +358-14-<br>624 211  | +358-14-<br>626 609   | D9,D8                             | 250                  | m <sup>3</sup><br>/a      | 130601, 130501,<br>15020101, 190802            |
|  | Keuruun kaupunki<br>(City of Keuruu)       | P.O. Box 65<br>42701 Keuruu            | +358-14-<br>7517 111 | +358-14-<br>771 872   | D8                                | 100-<br>150          | m <sup>3</sup><br>/a      | 130501,190802,<br>15020101,130601              |
|  |  |  |                      |                       | D9                                | 1000                 | t/a                       | 130601, 120109                                 |
|  | Maraoil Oy                                 | Sääksvuorentie 4<br>40530 Jyväskylä    | +358-14-<br>3721 166 | +358-14-<br>3753 61   | D9                                | 8000                 | t/a                       | 130202   |
|  |  |  |                      |                       | D9                                | 1000                 | t/a                       | 130601, 110107                                 |
|  |  |  |                      |                       | D9                                | 1500                 | t/a                       | 120109   |
|  |  |  |                      |                       | D9                                | 1500                 | t/a                       | 120109   |
|  |  |  |                      |                       | D9                                | 500                  | t/a                       | 130601   |
| D9   |  |  |                      |                       | 1000                              | t/a                  | 110107                    |  |
| Pihtiputaan kunta<br>(City of Pihtipudas)              | P.O.Box 36<br>44801 Pihtipudas             | +358-14-<br>579 411                    | +358-14-<br>5794 200 | D13,D14               | 2000                              | t/a                  | 160502                    |  |
|  |  |  |                      | D8                    | 500                               | m <sup>3</sup><br>/a | 15020101,130601<br>190802 |  |

**Finland (continued)**

| Regional Environment Centre<br>(Supervising authority)                | Establishment/<br>undertaking                | Address                             | Telephone           | Telefax              | Method of disposal<br>or recovery | Design capacity |                      | Type of waste<br>EWC Code   |                    |
|---|--|-------------------------------------|---------------------|----------------------|-----------------------------------|-----------------|----------------------|-----------------------------|--------------------|
|   |  |                                     |                     |                      |                                   |                 |                      |                             |                    |
|   | Saarijärven kaupunki<br>(City of Saarijärvi) | P.O.Box 13<br>43101 Saarijärvi      | +358-14-42<br>911   | +358-14-<br>4291 421 | D8                                | 200             | m <sup>3</sup><br>/a | 130601,15020101             |                    |
|   | Suolahden Siivous-<br>ja Jätepalvelu Oy      | Haapakorventie 16<br>44200 Suolahti | +358-14-<br>543 033 |                      | D9                                | 10000           | filt<br>ers<br>/a    | 130601(oil filters)         |                    |
|   |  |                                     |                     |                      | R4                                | 700             | t/a                  | waste containing<br>cadmium |                    |
|   |  |                                     |                     |                      | R4                                | 400             | t/a                  | waste containing<br>mercury |                    |
| <b>CENTRAL<br/>OSTROBOTHNIA<br/>REGIONAL ENVI-<br/>RONMENT CENTRE</b> | Outokumpu Zinc Oy                            | P.O.Box 26<br>67101 Kokkola         | +358-6-828-<br>6111 | +358-6-828-<br>6005  | D4                                | 185<br>000      | t/a                  | 11 02 02                    |                    |
| <b>NORTH<br/>OSTROBOTHNIA<br/>REGIONAL ENVI-<br/>RONMENT CENTRE</b>   | Ekorasti Oy                                  | Karpalotie 4, 90820<br>Kello        | +358-8-511-<br>117  |                      | D 9, R 13                         | 200             | t/a                  | 13 02 03                    |                    |
|   |  |                                     |                     |                      | D 15                              | 100             | t/a                  | 13 06 00                    |                    |
|   |  |                                     |                     |                      | D 14                              | 180             | t/a                  | 20 01 20 01                 |                    |
|   |  |                                     |                     |                      | D 15                              | 800             | t/a                  | 13 05 02                    |                    |
|   |  |                                     |                     |                      | D 14                              | 80              | t/a                  | 20 01 12                    |                    |
|   |  |                                     |                     |                      | D 14                              | 40              | t/a                  | 20 01 13                    |                    |
|   |  |                                     |                     |                      | D 13                              | 100             | t/a                  | 20 01 14, 20 01 15          |                    |
|   |  |                                     |                     |                      | D 14                              | 20              | t/a                  | 20 01 21                    |                    |
|   |  |                                     |                     |                      | D 15                              | 8               | t/a                  | 20 01 19                    |                    |
|   |  |                                     |                     |                      | D 15                              | 8               | t/a                  | 08 03 00                    |                    |
|   |  |                                     |                     |                      | D 9, R 13                         | 90              | t/a                  | 14 03 00                    |                    |
|   |  |                                     |                     |                      | D 15                              | 2               | t/a                  | 11 00 00                    |                    |
|   |  |                                     |                     |                      | D 15                              | 12              | t/a                  | 20 01 00                    |                    |
|   |  |                                     |                     |                      | D 15                              | 20              | t/a                  | 20 01 18                    |                    |
|   | Oulun HVA Oy                                 | Juurussuontie 65 C<br>90310 Oulu    |                     |                      |                                   | D 9, R 13       | 300                  | t/a                         | 09 01 04           |
|   |  |                                     |                     |                      |                                   | D 9, R 13       | 300                  | t/a                         | 09 01 01           |
|   |  |                                     |                     |                      |                                   | D 9, R 13       | 40                   | t/a                         | 09 01 06           |
|   |  |                                     |                     |                      |                                   | D 14            | 200                  | t/a                         | 20 01 14, 20 01 15 |
|   |  |                                     |                     |                      |                                   | D 14            | 100                  | t/a                         | 20 01 21           |
|   |  |                                     |                     |                      |                                   | D14             | 10                   | t/a                         | 20 01 21           |

**Finland (continued)**

| Regional Environment Centre<br>(Supervising authority) | Establishment/<br>undertaking  | Address                        | Telephone             | Telefax            | Method of disposal<br>or<br>recovery | Design capacity |     | Type of waste<br>EWC Code |
|--|--------------------------------|--------------------------------|-----------------------|--------------------|--------------------------------------|-----------------|-----|---------------------------|
|  |                                |                                |                       |                    |                                      |                 |     |                           |
| <b>KAINUU<br/>REGIONAL ENVIRON-<br/>MENT CENTRE</b>    | Kainuun Voima Oy               | P.O.Box 302<br>87101 Kajaani   | +358-8 -<br>020414111 |                    | R1                                   | 80              | t/a | 130203 (lubricant<br>oil) |
| <b>LAPLAND REGIONAL<br/>ENVIRONMENT<br/>CENTRE</b>     | Säkkiväline<br>Puhtaanapito Oy | Hallitie 11<br>96320 Rovaniemi | +358-16-<br>319406    | +358-16-<br>319407 | D9                                   | 10              | t/a | 06 01 99                  |
|  |                                |                                |                       |                    | D14                                  | 200             | t/a | 16 06 01                  |
|  |                                |                                |                       |                    | D10                                  | 100             | t/a | 13 03 04                  |
|  |                                |                                |                       |                    | D10                                  | 100             | t/a | 15 02 01 01               |
|  |                                |                                |                       |                    | R9                                   | 200             | t/a | 13 01 07                  |
|  |                                |                                |                       |                    | R1                                   | 2000            | t/a | 13 02 03                  |
|  |                                |                                |                       |                    | D10                                  | 100             | t/a | 20 01 13                  |
|  |                                |                                |                       |                    | D10                                  | 100             | t/a | 14 01 03                  |
|  |                                |                                |                       |                    | R5                                   | 20              | t/a | 20 01 21                  |
|  |                                |                                |                       |                    | D10                                  | 20              | t/a | 18 01 05                  |
|  |                                |                                |                       |                    | D10                                  | 10              | t/a | 20 01 18                  |
|  |                                |                                |                       |                    | D10                                  | 100             | t/a | 08 01 02                  |
|  |                                |                                |                       |                    | D10                                  | 50              | t/a | 20 01 12                  |
|  |                                |                                |                       |                    | D14                                  | 30              | t/a | 20 01 20 01               |
| D10  | 100                            | t/a                            | 13 03 01              |                    |                                      |                 |     |                           |
| D10  | 20                             | t/a                            | 16 02 01              |                    |                                      |                 |     |                           |
| R1   | 100                            | t/a                            | 16 01 03              |                    |                                      |                 |     |                           |

| Facility / operation or process<br>(Name, address, organization /<br>company etc.) | Authorization valid<br>until | Description of the facility,<br>operation or process | Recovery/<br>Recycling<br>/<br>Re-use<br>etc.<br>'R' code | Amount of Waste (in metric tonnes) |                          |
|--|------------------------------|--|---|------------------------------------|--------------------------|
|  |                              |  |   | Waste imported                     | Wastes generated locally |
| <b>Gambia</b>  |                              |  |   |                                    |                          |
| None   |                              |  |   |                                    |                          |
| <b>Germany</b>   |                              |  |   |                                    |                          |
| E.S.T. Entsorgungsanlage GmbH<br>Zweite Allee<br>D-02929 Steinbach                 |                              |  | R4  |                                    |                          |
| SVZ Schwarze Pumpe<br>An der Heide<br>D-03139 Schwarze Pumpe                       | 2024                         |  | R3  |                                    |                          |
| Chemische Werke Kluthe GmbH<br>Nebitzscheuerstr. 3<br>D-04769 Mügeln               |                              |  | R2  |                                    |                          |
| Nickelhütte Aue GmbH<br>Rudolf-Breitscheid-Str.<br>D-08271 Aue                     |                              |  | R4  |                                    |                          |
| Baufeld Mineralölraffinerie gmbH<br>Chemnitzer Straße 3<br>D-09221 Klaffenbach     |                              |  | R9  |                                    |                          |
| BUS Zinkrecycling Freiberg GmbH<br>Frauensteiner Straße 81<br>D-09599 Freiberg     |                              |  | R4  |                                    |                          |
| LAREC GmbH<br>Industriegebiet Nord<br>D-09618 Erbsdorf                             |                              |  |   |                                    |                          |
| Feinhütte Halsbrücke<br>Krummen Rennersdorfstr. 2<br>D-09633 Halsbrücke            |                              |  | R4  |                                    |                          |
| Saxonia GmbH<br>Erzstrasse 5<br>D-09633 Halsbrücke                                 |                              |  | R4  |                                    |                          |
| Norddeutsche Affinerie AG<br>Hovestr. 50<br>D-20539 Hamburg                        | not limited                  | recovery of non-ferrous<br>metals                    | R4  |                                    |                          |

| Facility / operation or process<br>(Name, address, organization /<br>company etc.)                       | Authorization valid<br>until | Description of the facility,<br>operation or process                 | Recovery/<br>Recycling<br>/<br>Re-use<br>etc.<br>'R' code | Amount of Waste (in metric tonnes) |                          |
|--|------------------------------|--|---|------------------------------------|--------------------------|
|  |                              |  |   | Waste imported                     | Wastes generated locally |
| <b>Germany (continued)</b>   |                              |  |   |                                    |                          |
| Hamburger<br>Ölverwertungsgesellschaft mbH<br>Kattwykstraße 20<br>D-21107 Hamburg                        |                              |  | R9  |                                    |                          |
| Mineralölraffinerie Horst Fuhse<br>Halskestraße 40<br>D-22113 Hamburg                                    |                              |  | R9  |                                    |                          |
| Nordische<br>Quecksilberrückgewinnung GmbH<br>Bei der Gasanstalt 9<br>D-23560 Lübeck                     | not limited                  | recovery of mercury and<br>fluorescent tubes                         | R4, R5  |                                    |                          |
| OTN Oberflächentechnik<br>Neumünster GmbH<br>Stoverweg 26 - 28<br>D-24536 Neumünster                     | not limited                  | recovery of zinc   | R4  |                                    |                          |
| Bresch Entsorgung GmbH<br>Leinestraße 18<br>D-24539 Neumünster   | not limited                  | recovery of refrigerators<br>ans freezers                            | R3, R4  |                                    |                          |
| HOWERecycling und<br>Umweltschutz GmbH<br>Krokamp 29<br>D-24539 Neumünster                               | not limited                  | recovery of fluorescent<br>tubes                                     | R5  |                                    |                          |
| Ties Neelsen & Klöckner GmbH &<br>Co. KG<br>Kiefernweg 21<br>D-24558 Henstedt-Ulzburg                    | not limited                  | recovery of antifreeze<br>fluids                                     | R3  |                                    |                          |
| Flensburger<br>Leuchtstofflampenverwertung<br>Klemens & Co<br>Am Güterbahnhof<br>D-24941 Jarplund-Weding | not limited                  | recovery of fluorescent<br>tubes and mercury<br>containing materials | R4, R5  |                                    |                          |
| Alsen AG<br>Sandweg 10<br>D-25566 Lägerdorf  | not limited                  | cement furnace   | R1, R5  |                                    |                          |

| Facility / operation or process<br>(Name, address, organization /<br>company etc.)                                | Authorization valid<br>until | Description of the facility,<br>operation or process | Recovery/<br>Recycling<br>/<br>Re-use<br>etc.<br>'R' code | Amount of Waste (in metric tonnes) |                          |
|---|------------------------------|--|---|------------------------------------|--------------------------|
|   |                              |  |   | Waste imported                     | Wastes generated locally |
| <b>Germany (continued)</b>  |                              |  |   |                                    |                          |
| NTL-Verfahrenstechnik und<br>Recycling GmbH<br>Borger Weg<br>D-25853 Ahrenshöft                                   | not limited                  | recovery of brake fluids                             | R 3   |                                    |                          |
| Hannoversche<br>Salzschlackeentsorgungs-<br>gesellschaft mbH (HANSE)<br>Am Brinker Hafen<br>D-30179 Hannover      | not limited                  | recovery of salt slag,<br>capacity: 90.000 t/a       | R4  |                                    |                          |
| Mineralölraffinerie Dollbergen<br>GmbH<br>Bahnhofstraße 82<br>D-31311 Lietze-Dollbergen                           |                              |  | R9  |                                    |                          |
| Kali und Salz GmbH<br>Postfach 1163<br>D-36267 Philippsthal   | not limited                  | stope filling  | R5  |                                    |                          |
| Grillo Zinkoxid GmbH<br>Halberstädter Str. 15<br>D-38644 Goslar   | not limited                  | recovery of zinc and zinc<br>compounds               | R4  |                                    |                          |
| Sekundärzink und -bleihütte<br>Harz Metall GmbH<br>D-38642 Goslar   |                              |  | R4  |                                    |                          |
| Sekundärzinkhütte<br>Harzer Zink GmbH<br>Landstraße 93<br>D-38667 Bad Harzburg                                    |                              |  | R4<br>R5  |                                    |                          |
| Gral GmbH<br>Hansastraße 10<br>D-41460 Neuss  | not limited                  | recovery of aluminium                                | R4  |                                    |                          |
| Metall- und Recyclinggesellschaft<br>Schumacher GmbH & Co KG<br>Venloer-/Bergheimerstr.<br>D-41569 Rommerskirchen | not limited                  | recovery of aluminium                                | R4  |                                    |                          |

| Facility / operation or process<br>(Name, address, organization /<br>company etc.) | Authorization valid<br>until | Description of the facility,<br>operation or process | Recovery/<br>Recycling<br>/<br>Re-use<br>etc.<br>'R' code | Amount of Waste (in metric tonnes) |                          |
|--|------------------------------|--|---|------------------------------------|--------------------------|
|  |                              |  |   | Waste imported                     | Wastes generated locally |
| <b>Germany (continued)</b>   |                              |  |   |                                    |                          |
| UR-Chemie GmbH<br>Dammstr. 25<br>D-44145 Dortmund                                  |                              | recovery of salt slag                                | R4  |                                    |                          |
| Hüttenwerke Kayser AG<br>Kupferstr. 23<br>D-44532 Lünen                            | not limited                  | recovery of non-ferrous<br>metals                    | R4  |                                    |                          |
| Salzschlacke-<br>Entsorgungsgesellschaft mbH<br>Brunnenstr. 138<br>D-44536 Lünen   | not limited                  | recovery of salt slag                                | R4<br>R5  |                                    |                          |
| RUHR-ZINK GmbH<br>Wittener Str. 1<br>D-45711 Datteln                               |                              | recovery of zinc<br>containing metals                | R4  |                                    |                          |
| Hüls Infracor GmbH<br>Paul-Baumann-Str. 1<br>D-457664 Marl                         |                              | recovery of marlotherm                               | R3  |                                    |                          |
| Umweltschutz Ruhr GmbH<br>Heringstrasse 102<br>D-45968 Gladbeck                    |                              |  | R10   |                                    |                          |
| FOSECO GmbH<br>Gelsenkirchener Str. 10<br>D-46325 Borken                           |                              |  | R4  |                                    |                          |
| B.U.S. Metall GmbH<br>Richard-Seiffert-Str. 20<br>D-47249 Duisburg                 | not limited                  | recovery of zinc                                     | R4  |                                    |                          |
| Messer-Griesheim GmbH<br>Bataverstraße 47<br>D-47809 Krefeld                       | not limited                  | recovery of gases                                    | R3  |                                    |                          |
| Metallwerke Bender GmbH<br>Fegeteschstraße 9249<br>D-47749 Krefeld                 | not limited                  | recovery of non-ferrous<br>metals                    | R4  |                                    |                          |
| Sachtleben Chemie GmbH<br>Dr.-Rudolf-Sachtleben-Str. 4<br>D-47198 Duisburg         | not limited                  | recovery of acids                                    | R5  |                                    |                          |

| Facility / operation or process<br>(Name, address, organization /<br>company etc.)  | Authorization valid<br>until | Description of the facility,<br>operation or process | Recovery/<br>Recycling<br>/<br>Re-use<br>etc.<br>'R' code | Amount of Waste (in metric tonnes) |                          |
|---|------------------------------|--|---|------------------------------------|--------------------------|
|   |                              |  |   | Waste imported                     | Wastes generated locally |
| <b>Germany (continued)</b>  |                              |  |   |                                    |                          |
| Grillo-Werke AG<br>Weselerstraße 1<br>D-47169 Duisburg                              | not limited                  | recovery of acids                                    | R5  |                                    |                          |
| M.I.M. Hüttenwerke Duisburg<br>GmbH<br>Richard-Seiffert-Str. 20<br>D-47249 Duisburg | not limited                  | recovery of zinc and lead                            | R4  |                                    |                          |
| Bayer AG, Werk Uerdingen<br>Rheinuferstr. 7-9<br>D-47829 Krefeld                    | not limited                  | recovery of acids,                                   | R5  |                                    |                          |
| Buchen Umweltservice GmbH<br>Daimlerstraße 26<br>D-47574 Goch                       | not limited                  | solvent recovery                                     | R2  |                                    |                          |
| KS-Recycling GmbH & Co KG<br>Raiffeisenstrasse 38<br>D-47665 Sonstedt               |                              | oil recovery   | R2  |                                    |                          |
| Enviprotect Schadstoffverwertung<br>GmbH<br>Röntgenstrasse 12<br>D-48599 Gronau     |                              |  | R4  |                                    |                          |
| Ekokemie GmbH<br>Zeppelinstrasse 23<br>D-49479 Ibbenbüren                           |                              |  | R7  |                                    |                          |
| Fa. ESMA GmbH<br>Kirchstraße 5<br>D-50354 Hürth-Knapsack                            | not limited                  | solvent recovery                                     | R2  |                                    |                          |
| Degussa Werk, Marquart<br>Postfach 30 04 52<br>D-53184 Bonn                         | not limited                  |  | R5  |                                    |                          |
| Bayer AG,ZSB WD-UWS<br>Bayerwerk 2<br>D-51368 Leverkusen                            | not limited                  |  | R6  |                                    |                          |

| Facility / operation or process<br>(Name, address, organization /<br>company etc.)    | Authorization valid<br>until | Description of the facility,<br>operation or process  | Recovery/<br>Recycling<br>/<br>Re-use<br>etc.<br>'R' code | Amount of Waste (in metric tonnes) |                          |
|---|------------------------------|---|---|------------------------------------|--------------------------|
|   |                              |   |   | Waste imported                     | Wastes generated locally |
| <b>Germany (continued)</b>  |                              |   |   |                                    |                          |
| Gottscholl Alucom Alum.-<br>Produktions GmbH<br>Hagener Str. 275<br>D-58256 Ennepetal |                              | recovery of aluminium                                 | R4  |                                    |                          |
| Siegfried Jacob GmbH & Co.. KG<br>Jacobstr. 41-45<br>D-58256 Ennepetal-Voerde         | not limited                  | recovery of non-ferrous<br>metals                     | R4  |                                    |                          |
| W.C. Heraeus GmbH<br>Heraeusstr. 12-14<br>D-63450 Hanau                               | not limited                  | recovery of non-ferrous<br>metals and precious metals | R4  |                                    |                          |
| LVG Lösemittelverwertungs GmbH<br>Justus-von-Liebig-Str. 3<br>D-64584 Biebesheim      |                              | solvent recovery                                      | R2  |                                    |                          |
| Reactana GmbH<br>Justus-von-Liebig-Str. 3<br>D-64584 Biebesheim                       |                              |   | R8  |                                    |                          |
| Merck<br>Frankfurter Str. 250<br>D-64293 Darmstadt                                    |                              |   | R2,R3,R<br>5,R6,R13                                       |                                    |                          |
| Solyay<br>Fluor und Derivate GmbH<br>D-65926 Frankfurt                                |                              |   | R5  |                                    |                          |
| Lurgi Aktivkohle GmbH<br>Lurgi-Allee 5<br>D-60439 Frankfurt                           |                              | recovery of active carbon                             | R7  |                                    |                          |
| Dest Lösemittelrecycling GmbH<br>Werner-von-Siemens-Str. 6<br>D-68649 Groß-Rohrheim   |                              | solvent recovery                                      | R2  |                                    |                          |
| FKM Buster GmbH<br>Holländer Straße 18<br>D-68219 Mannheim                            |                              |   | R1  |                                    |                          |
| Th. Goldschmidt AG<br>Mühlheimer Str.16-22<br>D-68219 Mannheim                        | 31.12.1999                   |   | R4  |                                    |                          |

| Facility / operation or process<br>(Name, address, organization /<br>company etc.)   | Authorization valid<br>until | Description of the facility,<br>operation or process | Recovery/<br>Recycling<br>/<br>Re-use<br>etc.<br>'R' code | Amount of Waste (in metric tonnes) |                          |
|--|------------------------------|--|---|------------------------------------|--------------------------|
|  |                              |  |   | Waste imported                     | Wastes generated locally |
| <b>Germany (continued)</b>   |                              |  |   |                                    |                          |
| Bernd Braun Regenerierbetrieb<br>Neckartal 23<br>D-78628 Rottweil  | not limited                  | solvent recovery                                     | R2  |                                    |                          |
| Hetzel Metalle GmbH<br>Rotterdammer Str. 135<br>D-90451 Nürnberg   | not limited                  | recovery of non-ferrous<br>metals                    | R4  |                                    |                          |
| <b>General Comment :</b><br>In Germany 153 facilities for the recycling or recovery of hazardous wastes are in operation. We have listed only selected major facilities to present a concise overview of these facilities. However, additional information is available on request from the focal point. |                              |  |   |                                    |                          |
| <b>Iceland</b><br><br>Sementsverksmiðjan hf.<br>v/Mánabraut<br>IS-300 Akranes  |                              | Cement factory                                       | R1  |                                    |                          |
| Íslakk hf.<br>Smiðjuvegur 11e, IS-200<br>Kópavogur   |                              | Distillation   | R2  |                                    |                          |
| SORPA<br>Gufunes, IS-132 Reykjavík   |                              |  | R13   |                                    |                          |
| Fura ehf<br>Markhelli 4, IS-220 Hafnarfjörður  |                              |  | R13   |                                    |                          |
| Hringrás ehf.<br>Klettagörðum 9, IS-104 Reykjavík  |                              |  | R13   |                                    |                          |
| <b>Indonesia</b><br><br>PT Indra Eramuti Industri<br>Jl. Bodro No. 7, Surabaya<br>(Camping Gelora Pancasila)<br>Ph. (62 31) 563 0990   | September 2002               | Recycling used lead<br>batteries                     | Recyclin<br>g   | 84,800                             | 285                      |

| Facility / operation or process<br>(Name, address, organization /<br>company etc.)   | Authorization valid<br>until | Description of the facility,<br>operation or process | Recovery/<br>Recycling<br>/<br>Re-use<br>etc.<br>'R' code | Amount of Waste (in metric tonnes) |                          |
|--|------------------------------|--|---|------------------------------------|--------------------------|
|  |                              |  |   | Waste imported                     | Wastes generated locally |
| <b>Indonesia (continued)</b>   |                              |  |   |                                    |                          |
| PT Non Ferindo Utama<br>Jl. Raya Manis II/1<br>Manis Industrial State<br>Desa Kadu, Curug Tangerang<br>Ph. (62 21) 522 0892-95   | September 2002               | Recycling used lead<br>batteries                     | Recyclin<br>g   | 20,400                             | 70                       |
| PT Muhtomas<br>Jl. Otto Iskandardinata No. 149 C<br>Jakarta 13330<br>Ph. (62 21) 893 4987  | September 2002               | Recycling used lead<br>batteries                     | Recyclin<br>g   | 18,000                             | 60                       |
| <b>Japan</b>   |                              |  |   |                                    |                          |
| None.  |                              |  |   |                                    |                          |
| <b>Kuwait</b>  |                              |  |   |                                    |                          |
| Oil fats   |                              |  | R9  | N.A.                               | N.A.                     |
| <b>Luxembourg</b>  |                              |  |   |                                    |                          |
| Intermoselle Sàrl Z.I. Langengrund<br>L-3701 Rumelange   |                              | Cement kiln  | R5  | 39,670                             | 2,590                    |
| <b>Mauritius</b>   |                              |  |   |                                    |                          |
| No facility is in operation for the recovery/recycling/re-use of hazardous wastes.   |                              |  |   |                                    |                          |
| <b>Norway</b>  |                              |  |   |                                    |                          |
| Approximate 15 facilities are licensed to treat specific types of hazardous waste and approximate 20 facilities are licensed to incinerate waste oil of specified quality. |                              |  |   |                                    |                          |

| Facility / operation or process<br>(Name, address, organization /<br>company etc.)   | Authorization valid<br>until | Description of the facility,<br>operation or process | Recovery/<br>Recycling<br>/<br>Re-use<br>etc.<br>'R' code | Amount of Waste (in metric tonnes) |                          |
|--|------------------------------|--|---|------------------------------------|--------------------------|
|  |                              |  |   | Waste imported                     | Wastes generated locally |
| <b>Oman</b>  |                              |  |   |                                    |                          |
| Nil.   |                              |  |   |                                    |                          |
| <b>Portugal</b>  |                              |  |   |                                    |                          |
| Auto-Vila Reciclagem de Resíduos Industriais Lda.<br>Urbanização do Polo Tecnológico de Lisboa<br>Lote 1, sala 202, 1600 Lisboa                      |                              | Recovery of used oils                                | R9  |                                    |                          |
| Carmona – Sociedade de Limpezas e Tratamento de Combustíveis,Lda.<br>Monte dos Bijagós, Jardía<br>Brejos de Azeitão, 2925 Azeitão                    |                              | Recovery of used oils                                | R9  |                                    |                          |
| Quimitécna – Serviços, Comércio e Indústria de Produtos Químicos, S.A.,<br>Rua 26 – Parque Industrial da Quimigal, 2830 Barreiro                     |                              |  | R13   |                                    |                          |
| Lobbe Derconja – Serviços e Técnicas Meioambientais, S.A.<br>Rua Gil Vicente, Lote 59, Quinta das Laranjeiras, 2840 Seixal                           |                              |  | R13   |                                    |                          |
| <b>Republic of Korea</b>   |                              |  |   |                                    |                          |
| Of the 1,630 recycling businesses, 1,222 produce recycled goods and the rest recycle materials through use as fuel, re-use of valued materials, etc. |                              |  |   |                                    |                          |

| Facility / operation or process<br>(Name, address, organization /<br>company etc.) | Authorization valid<br>until | Description of the facility,<br>operation or process     | Recovery/<br>Recycling<br>/<br>Re-use<br>etc.<br>'R' code | Amount of Waste (in metric tonnes) |                          |
|--|------------------------------|--|---|------------------------------------|--------------------------|
|  |                              |  |   | Waste imported                     | Wastes generated locally |
| <b>Romania</b>   |                              |  |   |                                    |                          |
| None.  |                              |  |   |                                    |                          |
| <b>Russian Federation</b>  |                              |  |   |                                    |                          |
| No data available.   |                              |  |   |                                    |                          |
| <b>Saint Lucia</b>   |                              |  |   |                                    |                          |
| There are no formal recovery/recycling or re-use operations on the island.         |                              |  |   |                                    |                          |
| <b>Slovakia</b>  |                              |  |   |                                    |                          |
| Boneko s.r.o. Holíc  |                              | Recycling of waste solvents                              | R2  |                                    |                          |
| Epsol s.r.o. Bratislava  |                              | Regeneration of organic solvents                         | R2  |                                    |                          |
| Konzenko s.r.o. Levoca   |                              | Regeneration of waste oils                               | R9  |                                    |                          |
| <b>Slovenia</b>  |                              |  |   |                                    |                          |
| Salonit Anhovo<br>P.O.Box 15, 5270 Anhovo  |                              | Co-incineration of used oils and tyres in cement kiln    | R1  |                                    | 2600 t/y                 |
| Opekarna Novo Mesto<br>2Alo6 21, 8000 Novo Mesto                                   |                              | Waste use (galvanic sludges) in brick kilns              | R11   |                                    | 1500 t/y                 |
| Opte Ptuj<br>Zabjek 1, 2250 Ptuj   |                              | Waste-use (galv. Sludges, mineral fibres )in brick kilns | R11   |                                    | 850 t/y                  |
| Mpi Mejica<br>Polena 6, 2392 Mejica  |                              | Recycling of old batteries and lead wastes               | R4  | 19.467                             | 4.861 t/y                |

| Facility / operation or process<br>(Name, address, organization /<br>company etc.)   | Authorization valid<br>until | Description of the facility,<br>operation or process                   | Recovery/<br>Recycling<br>/<br>Re-use<br>etc.<br>'R' code | Amount of Waste (in metric tonnes) |                              |
|--|------------------------------|--|---|------------------------------------|------------------------------|
|  |                              |  |   | Waste imported                     | Wastes generated locally     |
| <b>Sri Lanka</b>   |                              |  |   |                                    |                              |
| At present there are no specific companies authorized in the country; and the industrials treat the wastes individually under the environmental protection licensing scheme. |                              |  |   |                                    |                              |
| <b>Sweden</b>  |                              |  |   |                                    |                              |
| ANA Ädelmetall AB, Box 911<br>S-251 09 Helsingborg   |                              | Recycling of precious metals from cyanidic solutions                   | R4  | 0                                  | Max. 10 m <sup>3</sup> /year |
| Boliden Bergsöe AB, Box 132<br>S-261 22 Landskrona   |                              | Recovery of lead from leading containing waste and lead acid batteries | R4  | Ca 25 200 tonnes                   | Max. 82 000 tonnes/year      |
| Boliden Mineral AB   |                              | Recovery of metals, incineration of waste oils                         | R4, R1  | 2 068 tonnes                       |                              |
| Candor Sweden AB, Box 946<br>S-601 19 Norrköping   |                              | Recycling of pickling baths containing copper                          | R4  | 0                                  | 30 tonnes/year               |
| Cementa AB, Box 500<br>S-385 65 Degerhamn  |                              | Incineration of waste containing paints and solvents                   | R1  | 0                                  | 6 000 m <sup>3</sup> /year   |
| Ferriklor AB, Närkes Kvarntorp<br>S-692 92   |                              | Recycling of pickling baths  | R4  | 0                                  | 20 000 tonnes/year           |
| Lundstams Renhållings AB<br>Box 5007<br>S-831 05 Östersund   |                              | Regeneration of used oils  | R9  | 0                                  | 5 000 m <sup>3</sup> /year   |
| MoDo Paper AB<br>S-890 35 Husum  |                              | Incineration of used oils  | R1  | 0                                  | 80 tonnes/year               |
| RagnSells Specialavfall AB<br>Metallvägen 2<br>S-305 94 Halmstad   |                              | Treatment of paint waste and oil filters by cryo technology            | R1, R2,<br>R4   | 430                                | 8 00 tonnes/year             |
| Reci Industrial AB, Box 165<br>S-301 03 Halmstad   |                              | Regeneration of spent oils and oil/water waste                         | R9  | 0                                  | 355 000 tonnes/year          |

| Facility / operation or process<br>(Name, address, organization /<br>company etc.) | Authorization valid<br>until | Description of the facility,<br>operation or process                   | Recovery/<br>Recycling<br>/<br>Re-use<br>etc.<br>'R' code | Amount of Waste (in metric tonnes) |                            |
|--|------------------------------|--|---|------------------------------------|----------------------------|
|  |                              |  |   | Waste imported                     | Wastes generated locally   |
| <b>Sweden (continued)</b>  |                              |  |   |                                    |                            |
| Saft Nife AB<br>S-572 01 Oskarshamn  |                              | Recovery of metals from<br>NiCd batteries and Cd<br>containing sludges | R4  | 321 tonnes                         | 1 360 tonnes/years         |
| SAKAB Kviksilveråtervinning AB<br>Silvervägen 15<br>S-371 50 Karlskrona            |                              | Recovery of mercury and<br>glass from fluorescent<br>tubes             | R1  | 0                                  | 1 000 tonnes/year          |
| ScanArc Plasma Technologies AB<br>Box 41, S-813 00 Hofors                          |                              | Plasma reactor testing   | R1  | 0                                  | 1 000 tonnes/year          |
| ScanDust AB, Box 204<br>S-261 23 Landskrona  |                              | Melting process, recovery<br>of metals                                 | R4  | 32 242 tonnes                      | 70 000 tonnes/year         |
| Skaraborgs Miljöhantering AB<br>Box 408, S-542 01 Meriestad                        |                              | Treatment of oil emulsions   | R9  | 0                                  | 5 000 m <sup>3</sup> /year |
| Stena Miljö AB, Box 4054<br>S-400 40 Göteborg                                      |                              | Recovery of silver from<br>photographic solutions                      | R4  | 1 tonne                            | 4 500 m <sup>3</sup> /year |
| Sweden Recycling AB, Box 60<br>S-360 13 Urshult                                    |                              | Treatment of amalgam<br>waste  | R4  | 1                                  | 3 tonnes/year              |
| Svensk Returindustri AB<br>Sandövägen 105<br>S-139 50 Värmdö                       |                              | Treatment of waste oils  | R9  | 0                                  | 12 000 tonnes/year         |
| Södra Cell AB<br>Mörrums Bruk<br>S-375 86 Mörrum                                   |                              | Treatment of waste oils by<br>separation and incineration              | R1  | 0                                  | 100 tonnes/year            |
| Trestadsregionens Avfall AB<br>Blästergatan 10<br>S-462 73 Vänesborg               |                              | Treatment of waste oils  | R9  | 0                                  | 3 900 tonnes/year          |
| Ämåls Miljöhantering AB, Box 174<br>S-662 24 Ämål                                  |                              | Treatment of waste oils<br>and emulsions                               | R9  | 0                                  | 2 000 tonnes/year          |

| Facility / operation or process<br>(Name, address, organization /<br>company etc.)                                | Authorization valid<br>until | Description of the facility,<br>operation or process                                      | Recovery/<br>Recycling<br>/<br>Re-use<br>etc.<br>'R' code | Amount of Waste (in metric tonnes) |                           |
|---|------------------------------|---|---|------------------------------------|---------------------------|
|   |                              |   |   | Waste imported                     | Wastes generated locally  |
| <b>Syrian Arab Republic</b>   |                              |   |   |                                    |                           |
| Ministry of Health  |                              | Incinerators  |   |                                    | Approx. 3 000 tonnes/year |
| Ministry of Local Administration  |                              | Incinerators  |   |                                    | Approx. 3 000 tonnes/year |
| Group of incinerators   |                              | Incinerators  |   |                                    | Approx. 3 000 tonnes/year |
| <b>Thailand</b>   |                              |   |   |                                    |                           |
| Siam Cement /Saraburi   |                              | Operating the cement kiln<br>by using used lubricated<br>oil as fuel (energy<br>recovery) | R1, R2  |                                    |                           |
| Sita Thai Group /Saraburi   |                              | Fuel blending unit (waste<br>oil)   | R1  |                                    |                           |
| Genco /Rayaong  |                              | Fuel blending unit (solvent<br>and waste oil)   | R1, R2  |                                    |                           |
| <b>Tunisia</b>  |                              |   |   |                                    |                           |
| A national company specialized in<br>the regeneration of waste mineral<br>oils (SOTULUB)                          |                              | Dehydration/Stripping/<br>Distillation  | R9  | 0                                  | 16 000                    |
| Three private companies<br>specialized in the regeneration and<br>recycling of plastic wastes                     |                              | Physical process<br>(Extrusion)   | R3  | 0                                  | 2 000                     |
| Five private companies recycling<br>aluminium wastes  |                              | Transformation to<br>aluminium ingots   | R4  | 0                                  | 1 500                     |
| <b>General Comment:</b><br>The above-mentioned amounts are quantities of wastes treated (generated and recycled). |                              |   |   |                                    |                           |

| Facility / operation or process<br>(Name, address, organization /<br>company etc.)   | Authorization valid<br>until | Description of the facility,<br>operation or process | Recovery/<br>Recycling<br>/<br>Re-use<br>etc.<br>'R' code | Amount of Waste (in metric tonnes) |                          |
|--|------------------------------|--|---|------------------------------------|--------------------------|
|  |                              |  |   | Waste imported                     | Wastes generated locally |
| <b>Turkey</b>  |                              |  |   |                                    |                          |
| There has been no licensed facility yet.   |                              |  |   |                                    |                          |
| <b>United Kingdom</b>  |                              |  |   |                                    |                          |
| The Environment Services<br>Association (ESA)<br>154 Buckingham Palace Road<br>London SW1W 9TR   | N/A                          | N/A  | N/A   | N/A                                | N/A                      |
| Institute of Waste Management<br>9 Saxon Court<br>St Peters Gardens<br>Northampton NN1 1SX   |                              |  |   |                                    |                          |
| <b>General Comment :</b><br>There are too many facilities in the UK that are authorized to recover/recycle/re-use wastes to list here. For information about specific facilities please contact the organizations above. |                              |  |   |                                    |                          |

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**Para. 3(c) “Information on the measures adopted by them in implementation of this Convention.”**

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**Argentina**

National Legislation (Law 23922/91); control of hazardous wastes movements; license for the hazardous waste generator; and license for the exporter.

**Austria**

The EU Shipment Regulation (93/259/EEC) replaced articles 34 to 36a of the Federal Waste Management Act by 1 January 1997.

A new Ordinance on Hazardous Wastes was published in 1997 and will be effective by 1 March 1998. The text can be obtained via the internet (<http://www.bka.ris.intra.gv.at/plweb-cgi/auswahl> ; keyword: Festsetzungsverordnung).

**Bahamas**

None.

**Belgium**

Belgium has as a member of the European Union implemented the Basel Convention by Council Regulation (EEC) No. 259/93 of 1 February 1993 on the supervision and control of shipment of waste within, into and out of the European Community.

**Benin**

Ban of import of hazardous waste.

**Bolivia**

None.

**Brazil**

CONAMA Resolution no. 23 of 23 December 1996. This Resolution is the main instrument for implementation of the Convention.

**Bulgaria**

There is a chapter in Waste Act, which is called “Import, Export and Transboundary movement of waste”. This chapter is covering entirely the requirements of Basel Convention considering this issue.

**Canada**

The EIHWR, in effect since 26 November 1992, continues to allow Canada to implement the measures in the Convention.

Environment Canada amended the EIHWR in 1994 to allow notice of the intent to import to be filled out by electronic data interchange (EDI). The electronic information is certified by affixing an electronic signature known only to Environment Canada and the importer. In 1999 it will be possible to submit notifications and manifests to the Transboundary Movement Division via the Internet.

**Croatia**

None.

**Cuba**

Implementation of a national regulation (Regulation 15/96) in order to control importation, exportation and national management.

**Cyprus**

The notification procedure is applied according the relevant provisions of the Convention.

**Czech Republic**

New Waste Management Act No. 125/1997 Coll. (in force of 1 January 1998) has been issued. In this Act, the regulation concerning the Basel Convention is implemented.

**Denmark**

1) Denmark has implemented the Regulation of the Basel Convention in its national legislation which entered into force 7 May 1994 and (2) the European Community has adopted Annex VIII and Annex IX in Council Regulation 259/93, Annex V.

**El Salvador**

Environmental law: articles 58, 59 and 60.

**Estonia**

Decree No. 365 on the 30 December 1992 of the Government: "Export, Import, Transit Movement and Disposal of Hazardous and Other Wastes".

**Finland**

With regard to the control of transfrontier movements of wastes, The Basel Convention has been completely implemented in Finland. The entry into force of the Waste Act (1072/93) and the Waste Decree (1390/93) on 1 January 1994 has made it possible to more effectively implement some of the general principles of the Basel Convention, e.g. reduction of the generation of hazardous wastes and the self-sufficiency principle.

From the beginning of 1995, the shipments of wastes have been regulated by the Council Regulation on the supervision and control of the shipments of wastes within, into and out of the European Community (No. 259/93).

**Germany**

Germany has implemented the Regulation of the Basel Convention in its national legislation which comprises the Consent Act of 30 September 1994 and the Implementation Act of the Basel Convention of 30 September 1994.

**Iceland**

EU Regulation 259/93 on the supervision and control of shipments of waste within, into and out of EC (and EEA), has been in force since its implementation by regulation 377/1994.

**Indonesia**

The implementation of notification system for export/import of hazardous waste within developing country under Basel Convention.

**Japan**

"Law for control export, import and others of specified wastes and other wastes" came into force on December 1993. This national law has the same contents with those of the Basel Convention. Japan has controlled transboundary movement of hazardous wastes from/to Japan, by strict implementation of the law.

**Kuwait**

None.

**Latvia**

None.

**Mauritius**

Regulations have been drafted for the definition, movement and control of hazardous wastes.

**Mongolia**

The first Law "Hazardous Waste Management Law" was adopted by the Government on 25 May 1999.

**Morocco**

The national legislation was elaborated and is in discussion with the department concerned and industrials. All the exportation and importation of wastes were executed in accordance with the Basel Convention (such as notification and contract).

**Mozambique**

None.

**Niger**

Legal measures and regulations for the promulgation of Law No. 98-56 is in connection with environment management which includes Section 6 concerning the hazardous wastes and noxious wastes. Ordinance 89-24 relates to illegal traffic of industrial wastes.

**Norway**

The former regulation of 23 May 1990 was replaced by the regulation of 30 December 1994 on the transboundary movement of wastes where the export ban was implemented and that regulation was amended in 1997 to ratify the ban amendment in the Basel Convention.

**Oman**

None.

**Portugal**

Concerning the control of transfrontier movements of hazardous wastes, Portugal applies Council Regulation (EEC) No 259/93 which transposes the provisions of Basel Convention into community law by establishing a system of supervision and control to apply to the shipments of wastes within, into and out of the EC. The Decree-Law No 296/95, of 17 November is the national complementary legislation of Council Regulation (EEC) No 259/93, which implements the financial guarantee system. Decree-Law No 239/97 is the National Waste Management Legislation that establishes as a principal the responsibility of the generator of the waste. It also establishes the rules for waste management namely the collection, transport, storage, treatment, recycling and disposal. It aims prevention, reduction, re-use, recycling and disposal adequate to the different kinds of wastes.

**Republic of Korea**

“Act Relating to Transboundary Movement of Hazardous Wastes and their Disposal” (Amended on 28 August 1997, entered into force on 1 January 1998).

The Korean Government amended the Act to establish a legal framework for implementing the OECD instruments. Bilateral, multilateral, and regional agreements in accordance with Article 11 of the Basel Convention were included as one of the treaties that should be incorporated into the Act.

“The Enforcement Ordinance of the Act Relating to Transboundary Movement of Wastes and their Disposal” (Amended on 31 December 1997).

The Enforcement Ordinance of the Act, amended on 31 December 1997, stipulates wastes classification and import and export procedures in accordance with the OECD instruments, including the following important items:

- 1) The wastes under the control of the Act were classified into the amber tier or red tier, according to OECD instruments;
- 2) If no objection to the export of amber tier wastes from Korea has been lodged by any of the concerned countries within 60 days, shipment may proceed with the tacit consent of the concerned country.
- 3) The export of amber and red tier wastes to non-OECD countries shall be prohibited. (Entered into force on 1 July 1998).

**Romania**

Measures adopted concerning the improvement of the legal framework of environmental protection.

**Russian Federation**

None.

**Saint Lucia**

None.

**Slovakia**

New recycling/recovery facilities put in the operation.

**Slovenia**

The Decree on Export, Import and Transit of Wastes of 1 August 1996 was amended by the Decree on Amendments and additions to the Decree on the Export, Import and Transit of Wastes of 10 January 1997. Controls – start of Austrian-Slovenian joint controls of transfrontier movements of waste at the Austrian/Slovenian border.

**Sri Lanka**

A National Coordinating Committee chaired by the Secretary of the Ministry of Environment coordinates the implementation of the Basel Convention at national level.

Regulations for the internal management of hazardous wastes were gazetted under the direction of the National Coordinating Committee. Regulations are being drafted for the control of transboundary movements.

Guidelines have been developed for the implementation of the hazardous waste regulations under the Norwegian assistance.

Steps are being taken at present to establish a hazardous waste disposal site in the country.

**Sweden**

In Sweden EU Regulation 259/93 on the supervision and control of shipments, and the Swedish ordinance on transboundary movements of waste are valid for export and import of waste. According to the Swedish Ordinance export of waste to countries outside of OECD is not allowed.

**Syrian Arab Republic**

Syria prohibited the import of any kind of hazardous wastes and considers the illegal traffic of hazardous wastes as a criminal act.

Direction to recycling/recovery and re-use the wastes which generated locally.

Implement a pilot project in Damascus on management and disposal the clinical wastes by incineration.

Syria proposed to construct an incinerator and landfill unit in cooperation with the general plan of State.

**Thailand**

Administrative Measure: the Royal Thailand Government has policy to ban the import of hazardous waste for final disposal and strictly control the import of hazardous waste for recovery i.e. the decision on “Ban to the import of used lead-acid batteries for either disposal or recovery” (1993) and the decision on “Strictly control to the import of used plastic scraps for recovery”.

Legal Measure: to define the definition and list of hazardous wastes to be controlled i.e. the Notification of Ministry of Industry on List of Hazardous Substances B.E.2538 (1995) issued under the Hazardous Substance Act B.E.2535 (1992) and the Notification of Ministry of Industry No. 6 B.E.2540 (1997) on the wastes and discarded materials issued under the Factory Act B.E.2535 (1992). The permission procedures to produce, import, export and possess the hazardous substances including hazardous wastes i.e. the Ministerial Regulations B.E.2537 (1994) issued under the Hazardous Substance Act B.E.2535 (1992).

**Tunisia**

None.

**Turkey**

The importation of some metal scraps are being controlled according to the Communique on “Substances Controlled for Purpose of Protecting the Environment” which was published on 1 February 1996. And is updated every year. The regulation on Hazardous Waste Management came into force in 1995. The regulation on Control of Medical Waste came into force in 1993.

**United Kingdom**

Council Regulation (EEC) No. 259/93 on the supervision and control of shipments of waste within, into and out of the European Community. The Transfrontier Shipment of Waste Regulations 1994 (Statutory instrument 1994 No. 1137). UK Management Plan for Exports and Imports of Waste.

**Uzbekistan**

The working out of the Law of the Republic of Uzbekistan “About the Wastes Disposal” and the thesis about the control of transboundary movements of hazardous wastes and their disposal in the Republic of Uzbekistan are begun.

**Viet Nam**

Viet Nam has undertaken a number of activities to implement the Convention, which includes:

- Translation of Basel Convention text and Annexes into Vietnamese;
- Translation of four (4) Technical Guidelines documents on important hazardous wastes and circulation of those to relevant Ministries and Agencies and Provinces for their guidelines;
- Collaboration with Ministry of Environment of Singapore to organize three training courses in Singapore for thirty (30) trainees who are responsible for waste management and are staff of DOSTEs and other relevant Ministries and Agencies of Viet Nam;
- Publication of several articles on Vietnamese Newspaper to introduce the Convention to Vietnamese readers;
- Establishment and promulgation of Interministerial Circular No 2880/KCM-TM on the temporary regulations on the importation of secondary materials in co-operation with the Ministry of Trade;
- Promulgation of Directive No 199/TTg dated 3 April 1997 by the Prime Minister on the critical measures on management of urban and industrial zone solid wastes;
- Implementation of Technical Assistance on the Hazardous Waste Management provide by Asian Development Bank. The Technical Assistance concentrates on the following matters: development of Hazardous Waste Classification System; Development of Regulations on the Management of Hazardous Waste; and Development of National Strategy towards the year 2010 on the management of hazardous wastes; and
- Promulgation of Interministerial Circular by the Ministry of Science, Technology and Environment and the Ministry of Construction guiding the implementation of Directive No 199/TTg dated 3 April by the Prime Minister on the critical measures on management of urban and industrial zone solid wastes.

**Para. 3(d):**

**“Information on available qualified statistics which have been compiled the effects on human health and the environment of the generation, transportation and disposal of hazardous wastes and other wastes.”**

| Health<br>(human, animal, vegetation)  | Environment  | Level<br>(Regional, National, City) | Years covered                | Remarks  |
|--|--|-------------------------------------|------------------------------|--|
| <b>Argentina</b><br>No statistics have been compiled yet.  |  |                                     |                              |  |
| <b>Austria</b><br>No data can be provided in this form. The Federal Environment Agency can provide information via Internet ( <a href="http://www.ubavie.gv.at/">http://www.ubavie.gv.at/</a> ; reference: report state on environment). |  |                                     |                              |  |
| <b>Belgium</b>   | The detection of genotoxic substances in the environment via the comet-test, used on plants. | Regional                            | 1995<br>1996<br>1997<br>1998 | No data available  |
|  | The detection of genotoxic substances in the soils via the comet-test, used on annelida.     |                                     | 1996<br>1997                 | Data only available with formal permission of the customer |
| Cytogenetical research on children and genotoxicological research of the solids in the surroundings of the wastebelt of Mellery.   |  | National                            | 1995<br>1996<br>1997         | Data only available with formal permission of the customer |
| Research of the effects of the nearby waste incinerator on the health-risks in Wilrijk.  |  | Local                               | 1997<br>1998                 | Data only available with formal permission of the customer |
|  | Measurements of the emission of dioxines of several waste incinerators                       | Regional                            | 1996, 1997,<br>1998          | Data only available with formal permission of the customer |
|  | Development of a measurement-network around several known sources of dioxines                | Regional                            | 1996<br>1997<br>1998         | Data only available with formal permission of the customer |

| Health<br>(human, animal, vegetation)  | Environment   | Level<br>(Regional, National, City)                     | Years covered       | Remarks   |
|--|---|---|---------------------|---|
| <b>Belgium (continued)</b>   | Dispersion of products from incomplete incineration   | Regional  | 1998                |   |
|  | Development of a data bank for the observance of analysis-data of level-detection systems around waste- belts and the integrated evaluation of possible pollution of the groundwaters | Regional  | 1997<br>1998        | Data only available with formal permission of the customer  |
|  | Research of the possible environmental effects of several waste belts   | Regional  | 1996, 1997,<br>1998 | Data only available with formal permission of the customer  |
| All these investigations were performed by <b>VITO</b> , boeretang 200. B-2400 Mol   |   |   |                     |   |
| <b>Benin</b>   |   |   |                     |   |
| None.  |   |   |                     |   |
| <b>Bolivia</b>   |   |   |                     |   |
| Bolivia does not have any statistics in this matter.   |   |   |                     |   |
| <b>Brazil</b>  |   |   |                     |   |
| Workers from Rhodia's industrial unit and the population close to it were and continue to be, affected by:<br>- hepatomegalin<br>- cancer<br>- kidney problems<br>- dermatitis and<br>- neurological disorders | Soil and water contamination by the inappropriate and illicit disposal of hazardous wastes such as pentachlorophenol, perchloroethylene, and carbon tetrachloride.                    | Towns of the Baixada Santista Region State of São Paulo | 1966-1993           | The volume of solid wastes produced up to 1993 in Cubatão was approximately 4.6 millions tonnes/year. Thirty-eight thousand of these were hazardous and 3 millions tonnes were non-inert. |
| Source: Association of Workers Contaminated by Organochlorides<br>Associação dos Contaminados Profissionalmente por Organoclorados – ACPO  |   |   |                     |   |
| <b>Bulgaria</b>  |   |   |                     |   |
| There is no statistics, reporting about related fields.  |   |   |                     |   |
| <b>Burundi</b>   |   |   |                     |   |
| There is no information about.   |   |   |                     |   |

| Health<br>(human, animal, vegetation)   | Environment   | Level<br>(Regional, National, City) | Years covered  | Remarks  |
|---|---|-------------------------------------|--|--|
| <p><b>Canada</b></p> <p>Studies have been prepared on the effects on human health</p> | <p>Studies on the effects on the environment of a number of substances which could be constituents of hazardous wastes.</p> | <p>Federal Government</p>           | <p>In February 1989, the first Priority Substances List (PSL) which contained 44 substances, was published in the Canada Gazette. In November 1995, a report was presented to the Ministers, by the Expert Advisory Panel this report identified 25 recommended substances for the second Priority Substances List (PSL2).</p> | <p>In December 1994, the Ministers of the Environment and Health established an Expert Advisory Panel to recommend a new set of priority substances for assessment under Canadian Environmental Protection Act (CEPA). The Ministers accepted the 25 substances recommendations and this was the creation of the second Priority Substance List. (PSL2). Updates on the status of the investigations are available at: <a href="http://www.ec.gc.ca/cceb1/eng/psl2-3.htm">http://www.ec.gc.ca/cceb1/eng/psl2-3.htm</a></p> |
|   | <p>Survey of waste management industry in Canada</p>  | <p>Federal Government</p>           | <p>Every 2 years. The most recent complete survey includes 1996 data. The 1998 survey is under way.</p>  | <p>Statistics Canada surveys industries involved in the waste management industry. Hazardous waste is included. Survey includes questions on quantities of hazardous waste treated or disposed of.</p>   |

| Health<br>(human, animal, vegetation)   | Environment             | Level<br>(Regional, National, City) | Years covered | Remarks   |
|---|-------------------------|-------------------------------------|---------------|---|
| <b>Comoros</b><br>Information not available.  |                         |                                     |               |   |
| <b>Cyprus</b><br>No such statistical data available.  |                         |                                     |               |   |
| <b>Czech Republic</b><br>Data on the effects of hazardous wastes and other waste on human health and the environment are not compiled in the Czech Republic.  |                         |                                     |               |   |
| <b>Egypt</b><br>Moh. Statistics on health status of population  |                         | National<br>Regional                |               |   |
| <b>Finland</b><br>No such effects reported.   |                         |                                     |               |   |
| <b>Gambia</b><br>None.  |                         |                                     |               |   |
| <b>Germany</b><br>According to Article 5 Para 3 of the Recycling Management and Waste Act, waste shall be managed to that the Public welfare is not unpaired. |                         |                                     |               |   |
| <b>Indonesia</b><br>Fishing dead (sapu-sapu-fish)   | Ciliwung River, Jakarta | City                                | March 1996    |   |
| Human health/cancer   | Well                    | City                                | 1997          | Electroplating industry that dumped sludge waste which contained nickel/chrom (10.467 mg/l) |
| Liver damage, hypertension, liver nechrosys & kidney  | Jabotabek River         | National                            | 1994          | Pollutant which contained phenol (0.125 mg/l)   |
| <b>Japan</b><br>No such information is available.   |                         |                                     |               |   |
| <b>Mauritius</b><br>Nil.  |                         |                                     |               |   |

| Health<br>(human, animal, vegetation)   | Environment | Level<br>(Regional, National, City) | Years covered | Remarks |
|---|-------------|-------------------------------------|---------------|---------|
| <p><b>Mongolia</b></p> <p>Mongolia does not have any information about this subject.</p>  |             |                                     |               |         |
| <p><b>Morocco</b></p> <p>No statistics were made yet.</p>   |             |                                     |               |         |
| <p><b>New Zealand</b></p> <p>No information on health effects due to the transport of hazardous wastes have been recorded.</p>  |             |                                     |               |         |
| <p><b>Niger</b></p> <p>Niger does not have trustable statistics about the production of hazardous wastes and their effects on human health and the environment. The method of management of Y1, Y2, Y3 wastes is not environmentally sound. Efforts towards this should be made in relation to the Regional Centre of Technology Transfer of Dakar.</p> |             |                                     |               |         |
| <p><b>Norway</b></p> <p>No such effects have been reported.</p>   |             |                                     |               |         |
| <p><b>Oman</b></p> <p>Nil.</p>  |             |                                     |               |         |
| <p><b>Romania</b></p> <p>None.</p>  |             |                                     |               |         |
| <p><b>Russian Federation</b></p> <p>Data are not available.</p>   |             |                                     |               |         |
| <p><b>Saint Lucia</b></p> <p>Data not available.</p>  |             |                                     |               |         |
| Slovakia<br>Slovak Statistical Office   |             | National                            | Annually      |         |

| Health<br>(human, animal, vegetation)                 | Environment  | Level<br>(Regional, National, City) | Years covered | Remarks |
|---|--|-------------------------------------|---------------|---------|
| <b>Slovenia</b><br>N.A.                               |  |                                     |               |         |
| <b>Sri Lanka</b><br>No systematic data available.     |  |                                     |               |         |
| <b>Sweden</b><br>No effects reported.                 |  |                                     |               |         |
| <b>Thailand</b><br>This information is not available. |  |                                     |               |         |
| <b>Tunisia</b>  | Study on the recycling of industrial wastes (environmental impact)   | National                            | 1998          |         |
|   | Study on quantities of waste substances and articles containing or contaminated by PCBs (impacts on human health and environment)            | National                            | 1996          |         |
|   | Study on the quantities of wastes arising from the use of asbestos (impacts on human health and environment)                                 | National                            | 1996          |         |
|   | Study on the quantities of all types of dead batteries and wastes from the production of batteries (impacts on human health and environment) | National                            | 1996          |         |
|   | Study on the quantities of clinical wastes from medical care in hospitals (impacts on human health and environment)                          | City                                | 1995          |         |
|   | Study on the quantities and management of industrial wastes (environmental impacts)  | National                            | 1994          |         |
|   | Study on the waste treatment and recycling plan of selected industries (environmental impacts)   | City                                | 1993          |         |
|   | Study on the management of Y2, Y3, Y4, Y5, Y6, Y7, Y12, Y13, Y14, Y16 and Y17 wastes (ongoing)   | National                            | 1999          |         |

| Health<br><i>(human, animal, vegetation)</i>  | Environment | Level<br><i>(Regional, National, City)</i> | Years covered | Remarks |
|---|-------------|--|---------------|---------|
| <p><b>Turkey</b></p> <p>There is no qualified statistics available in Turkey on these issues.</p>   |             |  |               |         |
| <p><b>United Kingdom</b></p> <p>None compiled for 1997.</p>   |             |  |               |         |
| <p><b>Uzbekistan</b></p> <p>Uzbekistan has no statistic facts about the effects on human health and environment of the generation, transportation and disposal of hazardous wastes.</p> |             |  |               |         |

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**Para. 3(e):**

**“Information concerning bilateral, multilateral and regional agreements and arrangements entered into pursuant Article 11 of this Convention” (ref. UNEP/CHW/C.2/1/3)**

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**Argentina**

None.

**Austria**

No new agreements were concluded in 1997.

**Belgium**

None.

**Benin**

Benin ratified the Bamako Convention on the Ban of the Import into Africa and the Control of Transboundary Movement and Management of Hazardous wastes within Africa on 1 December 1997 and the instruments of accession were deposited on 21 January 1998.

**Bolivia**

None.

**Brazil**

There are no bilateral, multilateral or regional agreements.

**Bulgaria**

There are no bilateral, multilateral or regional agreements.

**Burundi**

None.

**Canada**

Canada - US Bilateral Agreement on the transboundary movement of hazardous waste effective from 8 November 1986 (active).  
OECD Council Decision C(92)39/Final Multilateral Agreement effective from 30 March 1992 concerning the control of transfrontier movements of wastes destined for recovery operations (active).

**Comoros**

None.

**Croatia**

None.

**Cuba**

None.

**Cyprus**

None.

**Czech Republic**

Since 1 January 1998, the Czech Republic is bound by the OECD Council Decision of 30 March 1992 C(92) 39/FINAL concerning the control of transfrontier movements of wastes destined for recovery operations.

**Denmark**

OECD Council Decision C(92)39 Final; Decision of the Council concerning the control of transfrontier movements of waste destined for recovery operations.

**Egypt**

None.

**El Salvador**

Regional agreement on control of transboundary movement of hazardous wastes was ratified by 7 countries (area of concern: Central America).

**Estonia**

A bilateral agreement with Lithuania was ratified with effect from 21 July 1995.

**Finland**

A bilateral arrangement was concluded between Finland and the Republic of Kenya. The arrangement concerns import of halogenated organic compounds (belonging to Y-categories Y4, Y10, Y39, Y41, Y43) from Kenya to Finland for final disposal. The arrangement entered into force on 7 March 1997.

**Gambia**

None.

**Germany**

- Bilateral agreement with Lithuania regarding imports of wastes to Germany;
- Bilateral agreement with Belarus regarding imports of wastes to Germany;
- Bilateral agreement with Zimbabwe regarding imports of wastes to Germany; and
- Multilateral agreement between OECD-Countries regarding import and export of hazardous wastes for recycling.

**Greece**

None.

**Iceland**

None.

**Indonesia**

Indonesia-Singapore Joint Committee on the Environment agreement (Area of concern: Indonesia-Singapore) with effect from 28 July 1995. Since the Republic of Singapore ratified the BC this agreement is not valid anymore.

**Japan**

Decision of the OECD Council concerning the control of transfrontier movement of wastes destined for recovery operations C(92) 39/Final.

**Kuwait**

None.

**Latvia**

None.

**Luxembourg**

None.

**Mauritius**

Nil.

**Mongolia**

None.

**Morocco**

None.

**New Zealand**

New Zealand signed the Convention to Ban the Importation into Forum Island Countries of Hazardous and Radioactive Wastes within the South Pacific Region, known as the Waigani Convention. New Zealand has not yet ratified the Convention, so its provisions have not yet been implemented. Preparatory work has begun on regulations which will allow ratification.

**Niger**

None.

**Norway**

None, except the OECD Decision of 30 March 1992 C(92)39FINAL.

**Oman**

None.

**Republic of Korea**

OECD Council Decision C(92)39/Final concerning the control of transfrontier movement of wastes destined for recovery operations (Korea became an OECD member country in 1996).

**Romania**

None.

**Russian Federation**

Russian federation has multilateral agreements with CIS republics of Armenia, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Tadjikistan, Turkmenistan and Uzbekistan (signed on 12 April 1996). Russian Federation has also a bilateral agreement with Ukraine on recycling of mercury contained wastes.

**Saint Lucia**

Arrangements being established between private companies in Saint Lucia and Trinidad and Tobago for shipment of lead acid batteries to Trinidad and Tobago for removal of lead and onward shipment to Venezuela.

**Slovakia**

None.

**Slovenia**

None.

**Sri Lanka**

None.

**Sweden**

Regional Agreement of OECD (1992).

**Syrian Arab Republic**

None.

**Thailand**

Thailand entered into a bilateral agreements with (i) United Kingdom regarding final disposal of PCB wastes (valid from 30 June 1994 to 29 June 1995) and with (ii) France concerning final disposal of PCB wastes (valid from 7 July 1996 to 31 December 1997).

**Tunisia**

Tunisia ratified the Bamako Convention on the Ban of the import into Africa and the Control of the Transboundary Movement and Management of Hazardous Wastes within Africa with effect from 27 July 1992.

Turkey

Turkey signed the “Izmir Protocol on Prevention of Pollution of the Mediterranean Sea by Transboundary Movements of Hazardous Wastes and their Disposal” on 1 October 1996 and at present, Turkey has started the procedures to ratify this Protocol.

**United Kingdom**

- Bilateral agreement with Isle of Man, effective from 17/07/96;
- Bilateral agreement with Thailand, effective from 16/07/96 which expired on 31/12/97; and
- Bilateral agreement with Jersey, effective from 29/04/97.

**Uzbekistan**

Uzbekistan has entered into a multilateral agreement with 11 countries of the CIS with effect from 12 April 1996.

**Viet Nam**

None.

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**Para. 3(f):**

**“Information on Accidents occurring during the transboundary movement and disposal of hazardous wastes and the measures undertaken to deal with them.”**

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**Austria**

None.

**Belgium**

None.

**Benin**

None.

**Bolivia**

Bolivia does not have any official report about accidents occurring during transboundary movements. However, accident may have happened, but they were not reported.

**Brazil**

No data available.

**Bulgaria**

None.

**Burundi**

None.

**Comoros**

None.

**Cyprus**

Data not available.

**Czech Republic**

None.

**Egypt**

None.

**Estonia**

None.

**Finland**

None.

**Gambia**

None.

**Greece**

None.

**Indonesia**  
None.

**Japan**  
None.

**Mauritius**  
None.

**Mongolia**  
None.

**Morocco**  
None.

**New Zealand**  
None.

**Niger**  
None.

**Norway**  
None.

**Oman**  
None.

**Romania**  
None.

**Russia Federation**  
No data available.

**Saint Lucia**  
None.

**Slovakia**  
None.

**Slovenia**  
None.

**Sri Lanka**  
No data available.

**Sweden**  
None.

**Thailand**  
None.

**Tunisia**  
None.

**Turkey**

None.

**United Kingdom**

None.

**Uzbekistan**

Such information is absent.

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**Para. 3(g): Information on disposal options operated within area of national jurisdiction (also ref. Art.16.1f)**  
**Authorized disposal options within National jurisdiction.**

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**Argentina**

The disposal options within national jurisdiction for only wastes generated locally are:

- incineration: rotary kilns incinerators D10, cement kilns incinerators D10, and static kilns incinerators D10;
- landfarming D2;
- biological treatments D8; and
- physico-chemical treatments D9.

**Austria**

A directory of all licensed collector and disposer of hazardous wastes is held by the Environment Agency. There is also an electronic register of the disposal facilities available in Austria. These data can be obtained from the Environment Agency on request or direct via the Internet.

Address: UBA Wien  
A-1090 Spittelauer Lände 5  
Austria  
Tel: + 43 1 31 304 5550 or 5560  
Fax: + 43 1 31 304 5400  
Internet: <http://www.ubavie.gv.at/>

**Belgium**

| Facility / operation or process<br>(Name, address, organization / company etc.)                               | Authorization valid until | Description of the facility, operation or process | Disposal 'D' code | Amount of Waste (in metric tonnes) |                                       |
|---|---------------------------|---|-------------------|------------------------------------|---------------------------------------|
|   |                           |   |                   | Waste imported <sup>1</sup>        | Wastes generated locally <sup>2</sup> |
| <i>Flanders</i>   |                           |   |                   |                                    |                                       |
| ARGENTIA NV   | 10/15/12                  | graphical industry                                | D15               | 0.000                              | 925.000                               |
| DE BREE & ZN BVBA   | 20-Dec-99                 | waste treatment/recovery                          | D09               | 5.339                              | no data available                     |
| DE BREE & ZN BVBA   | 20-Dec-99                 | waste treatment/recovery                          | D15               | 0.000                              | 1,065.000                             |
| GALCO-COGAL   | 31-Aug-11                 | hazardous waste treatment                         | D09               | 0.000                              | 1.565                                 |
| GALLOOMETAL NV  | 22-Mar-00                 | scrap treatment                                   | D01               | 2,022.474                          | no data available                     |
| INDAVER B NV  | 12-Nov-12                 | hazardous waste treatment / incineration          | D01               | 0.000                              | 34,364.200                            |
| INDAVER B NV  | 12-Nov-12                 | hazardous waste treatment / incineration          | D10               | 0.000                              | 72,156.100                            |
| INDAVER NV  | 31-Dec-99                 | hazardous waste treatment/incineration            | D01               | 1.520                              | 185,116.300                           |
| INDAVER NV  | 31-Dec-99                 | hazardous waste treatment/incineration            | D05               | 65.800                             | 0.000                                 |
| INDAVER NV  | 31-Dec-99                 | hazardous waste treatment/incineration            | D10               | 6,472.871                          | 48,426.600                            |
| INDAVER NV  | 31-Dec-99                 | hazardous waste treatment/incineration            | D14               | 1.367                              | 0.000                                 |
| INDAVER NV  | 31-Dec-99                 | hazardous waste treatment/incineration            | D09               | 0.000                              | 39,811.500                            |
| MACHIELS RECYCLING TECHNOLOGY NV  | 14-Nov-01                 | hazardous waste treatment/incineration            | D10               | 37.900                             | 5,770.387                             |
| MACHIELS RECYCLING TECHNOLOGY NV  | 19-Oct-11                 | hazardous waste treatment/incineration            | D10               | 256.817                            | 0.000                                 |
| MACHIELS RECYCLING TECHNOLOGY NV  | 19-Oct-11                 | hazardous waste treatment/incineration            | D09               | 0.000                              | 2,011.012                             |
| MIN. VL. GEM. - GENTS ZEEHAVENDIENST  | 1-Sep-11                  | dredging sludge disposal                          | D01               | 107,725.000                        | 432,412.000                           |
| RECYC-OIL NV  | 1-Sep-11                  | waste oil treatment                               | D09               | 5,057.787                          | 16,551.000                            |
|   |                           |   |                   |                                    |                                       |
| <sup>(1)</sup> Flanders : These amounts were reported with a notification of transfrontier shipments of waste |                           |   |                   |                                    |                                       |
| <sup>(2)</sup> Flanders : These amounts were reported by the companies by means of an inquiry                 |                           |   |                   |                                    |                                       |

| Facility / operation or process<br>(Name, address, organization / company etc.)   | Authorization valid until | Description of the facility, operation or process | Disposal 'D' code | Amount of Waste (in metric tonnes) |                          |
|---|---------------------------|---|-------------------|------------------------------------|--------------------------|
|   |                           |   |                   | Waste imported                     | Wastes generated locally |
| <b>Belgium (continued)</b>  |                           |   |                   |                                    |                          |
| <i>Wallonia</i>   |                           |   |                   |                                    |                          |
| REVATECH - ENGIEN   | 31.12.2000                | Physico-chemical treatment of waste               | D02               |                                    |                          |
| REVATECH - ENGIEN   | 31.12.2000                | Physico-chemical treatment of waste               | D09               |                                    |                          |
| SERVECO - JUMET   | 04.02.1998                | Regroupement                                      | D15               |                                    |                          |
| SO. TRA. EX-EUPEN   | -                         | Installation mobile déshydration                  | D09               |                                    |                          |
| REVATECH - LIEGE  | 10.02.2013                | Physico-chemical treatment of waste               | D02               |                                    |                          |
| REVATECH - LIEGE  | 10.02.2013                | Physico-chemical treatment of waste               | D09               |                                    |                          |
| REVATECH - LIEGE  | 10.02.2013                | Physico-chemical treatment of waste               | D14               |                                    |                          |
| <i>Brussels</i>   |                           |   |                   |                                    |                          |
| F.M.M. - BRUSSELS   | 31.12.1999                | Physico-chemical treatment of waste               | D09               |                                    |                          |
| <b>Benin</b>  |                           |   |                   |                                    |                          |
| None.   |                           |   |                   |                                    |                          |
| <b>Bolivia</b>  |                           |   |                   |                                    |                          |
| Bolivian Hazardous Substance Regulations regulates the procedures of disposal. Also we have a special license for this kind of activity with hazardous wastes. It is compulsory to get an insurance for such a procedure. |                           |   |                   |                                    |                          |
| <b>Brazil</b>   |                           |   |                   |                                    |                          |
| None.   |                           |   |                   |                                    |                          |

| Facility / operation or process<br>(Name, address, organization / company etc.)  | Authorization valid<br>until | Description of the facility,<br>operation or process  | Disposal<br>'D' code | Amount of Waste (in metric tonnes)  |                          |
|--|------------------------------|---|----------------------|---|--------------------------|
|  |                              |   |                      | Waste imported  | Wastes generated locally |
| <b>Bulgaria</b>  |                              |   |                      |   |                          |
| No data base available.  |                              |   |                      |   |                          |
| <b>Burundi</b>   |                              |   |                      |   |                          |
| Some of the disposal methods used are disposal in garbage containers, incineration, and collecting wastes in collective garbage containers destined for incineration.  |                              |   |                      |   |                          |
| <b>Canada</b>  |                              |   |                      |   |                          |
| <p>In Canada, responsibility for licensing hazardous waste treatment and disposal facilities rests with the individual provinces and territories. Provincial or territorial approval is also required before a hazardous waste can be imported into Canada.</p> <p>List of companies having notified of their intention to import or export hazardous waste are published on a regular basis in the "Resilog newsletter". A copy of this newsletter can be obtained through the Canadian competent authority or on the Canadian competent authority or on the Environment Canada Green Lane home page at the following address:</p> <p><a href="http://www.ec.gc.ca/resilog/resinews.htm">http://www.ec.gc.ca/resilog/resinews.htm</a></p> |                              | Capacity exists in Canada for the following operations :<br>D1, D5, D8, D9, D10, D13,<br>D14, D16 |                      | 44% of total imports of hazardous wastes imported into Canada in 1997 were destined for final disposal. |                          |
| <b>Comoros</b>   |                              |   |                      |   |                          |
| None.  |                              |   |                      |   |                          |
| <b>Cyprus</b>  |                              |   |                      |   |                          |
| A central treatment plant treats very small quantities of hazardous wastes produced by a small number of industrial units.   |                              |   |                      |   |                          |

| Facility / operation or process<br>(Name, address, organization / company etc.)  | Authorization valid until | Description of the facility, operation or process | Disposal 'D' code | Amount of Waste (in metric tonnes) |                          |
|--|---------------------------|---|-------------------|------------------------------------|--------------------------|
|  |                           |   |                   | Waste imported                     | Wastes generated locally |
| <b>Czech Republic</b>  |                           |   |                   |                                    |                          |
| 288 landfill sites for non-hazardous waste   |                           | Total capacity 148 577 000 tonnes                 | D1                |                                    | n.a.                     |
| 65 landfill sites for hazardous waste  |                           | Total capacity 24 580 000 tonnes                  | D1                |                                    | n.a.                     |
| 1 municipal waste incinerator plant  |                           | Capacity 240 000 tonnes/year                      | D10               |                                    | n.a.                     |
| 76 hazardous waste incinerator plants  |                           | Total capacity 130 000 tonnes year                | D10               |                                    | n.a.                     |
| <b>General Comments:</b><br>This table contains data on disposal facilities meeting the legal criteria of 1997. These facilities dispose only locally generated waste. Data concerning 1997 amount of this waste is not available. Import of waste for final disposal is banned. |                           |   |                   |                                    |                          |

## Denmark

| Company                                    | Address                             | Zip City         | R/D-Class     |
|--|-------------------------------------|------------------|---------------|
| Stignæs Industrimiljø A/S                  | Askelunden 24                       | 4230 Skælskør    | D8            |
| Reno syv I/S (Feltengård)                  | Bøgevej 9                           | 8370 Hadsten     | D1            |
| Affaldsdeponi Gunderup                     | Gunderupvej 2A                      | 9550 Mariager    | D1            |
| De Ærøske Kommuner Losseplads I/S          | Husmarken, Tranderup                | 5970 Ærøskøbing  | D1            |
| FJ Separatiopn ApS                         | Industrihegnet 14                   | 4000 Roskilde    | D9            |
| ANPO Affaldssystem                         | Industrihegnet 8C                   | 4000 Roskilde    | D9            |
| Klintholm I/S                              | Klintholmvej 50                     | 5874 Hesselager  | D5            |
| 4-S  | Kåstrupvej 20-22                    | 7860 Spøttrup    | D1            |
| Kommunekemi                                | Lindholmvej 3                       | 5800 Nyborg      | D1 D9 D10 D14 |
| AVV. Genbrugscenter                        | Mandøvej 8                          | 9800 Hjørring    | D1            |
|  | Oddersvej 15                        | 8660 Skanderborg | D1            |
| Dybdal Losseplads                          | Ribevej 9B                          | 6500 Vojens      | D1            |
| Renovest I/S                               | Stengårdsvej 33                     | 9670 Løgstør     | D1            |
| Scanfors A/S                               | Torsøvej 6                          | 8240 Risskov     | D14           |
| I/S Reno-Nord                              | Troensevej 2                        | 9220 Aalborg Øst | D1            |
| Næstved Forbrændingsanlæg og Genbrugsplads | Ved Fjorden 20, Ydernæs (Plads 1-3) | 4700 Næstved     | D1            |
| Fredericia Losseplads                      | Vejlbyvej 40                        | 7000 Fredericia  | D1            |

| Facility / operation or process<br>(Name, address, organization / company etc.)   | Authorization valid until | Description of the facility, operation or process | Disposal 'D' code | Amount of Waste (in metric tonnes) |                          |
|---|---------------------------|---|-------------------|------------------------------------|--------------------------|
|   |                           |   |                   | Waste imported                     | Wastes generated locally |
| <b>Egypt</b><br><br>Secured landfill at Alexandria  |                           | Secured landfill for wastes containing mercury    |                   |                                    |                          |
| <b>Estonia</b><br><br>None.   |                           |   |                   |                                    |                          |
| <b>Finland</b><br><br>See under "Measures taken in 1997 for the reduction of Transboundary Movement of Hazardous Wastes and other Wastes".  |                           |   |                   |                                    |                          |
| <b>Gambia</b><br><br>None.  |                           |   |                   |                                    |                          |
| <b>Germany</b><br><br>Sonderabfallverbrennungsanlage<br>Schwarzheide<br>BASF Schwarzheide GmbH<br>Schiphauer Str. 1<br>D-01987 Schwarzheide |                           | hazardous waste incineration                      | D10               |                                    |                          |
| Feuerfestwerk Wetro GmbH<br>Deponie<br>Siedlung 13 -22<br>D-02699 Wetro   |                           | hazardous waste landfill                          | D1                |                                    |                          |
| E.S.T. Entsorgungsanlage GmbH<br>Zweite Allee<br>D-02929 Steinbach  |                           | hazardous waste incineration                      | D10               |                                    |                          |
| SVZ Schwarze Pumpe<br>An der Heide<br>D-03139 Schwarze Pumpe  | 2024                      | hazardous waste incineration                      | D10               |                                    |                          |
| Rückstandsverbrennungsanlage Böhlen<br>Broerius Abfallwirtschaft Sachsen GmbH<br>Werkstr. 1<br>D-04564 Böhlen                               |                           | hazardous waste incineration                      | D10               |                                    |                          |
| LOBBE GmbH & Co<br>Mölbizer Landstraße<br>D-04579 Espenheim   |                           | chemical-physical treatment                       | D9                |                                    |                          |

| Facility / operation or process<br>(Name, address, organization / company etc.)  | Authorization valid until | Description of the facility, operation or process | Disposal 'D' code | Amount of Waste (in metric tonnes) |                          |
|--|---------------------------|---|-------------------|------------------------------------|--------------------------|
|  |                           |   |                   | Waste imported                     | Wastes generated locally |
| <b>Germany (continued)</b>   |                           |   |                   |                                    |                          |
| Sonderabfalldeponie Aga-Seligenstädt<br>Geraer Stadtwirtschaft GmbH<br>Straße der DSF 35,<br>D-07548 Gera  | 2008                      | hazardous waste landfill                          | D1                |                                    |                          |
| Asbestmonodeponie Caaschwitz<br>ASD - Asbestdeponie GmbH Thüringen<br>Gebindstr. 2<br>D-07586 Caaschwitz   | not limited               | landfill for asbestos                             | D1                |                                    |                          |
| Rückstandsverbrennungsanlage<br>Muldenhütten<br>Muldenhütten Recycling und<br>Umwelttechnik GmbH<br>Flurstück 401/17<br>D-09627 Hilbersdorf/Muldenhütten |                           | hazardous waste incineration                      | D10               |                                    |                          |
| Therm. Behandlung kontaminierter Böden<br>Boran Bodenreinigungs GmbH & Co.<br>Westfalenstraße 1<br>D-13353-Berlin  |                           | hazardous waste incineration                      | D10               |                                    |                          |
| Sonderabfalldeponie Röthehof<br>Märkische Entsorgungsanlagen<br>Betriebsgesellschaft mbH (MEAB)<br>Tschudistraße 1<br>D-14476 Neu Fahrland               |                           | hazardous waste landfill                          | D1                |                                    |                          |
| Sonderabfallverbrennung Schöneiche<br>Märkische Entsorgungsanlagen<br>Betriebsgesellschaft mbH (MEAB)<br>Am Galluner Kanal<br>D-15806 Schöneiche         |                           | hazardous waste incineration                      | D10               |                                    |                          |
| Industriepark Spreewerk Lübben GmbH<br>Postfach 189<br>D-15907 Lübben  |                           | hazardous waste incineration                      | D10               |                                    |                          |
| Sonderabfallverbrennung Schwedt<br>PCK AG Schwedt<br>Passower Chaussee 11<br>D-16303 Schwedt   |                           | hazardous waste incineration                      | D10               |                                    |                          |

| Facility / operation or process<br>(Name, address, organization / company etc.)                                  | Authorization valid<br>until | Description of the facility,<br>operation or process | Disposal<br>'D' code | Amount of Waste (in metric tonnes) |                          |
|--|------------------------------|--|----------------------|------------------------------------|--------------------------|
|  |                              |  |                      | Waste imported                     | Wastes generated locally |
| <b>Germany (continued)</b>   |                              |  |                      |                                    |                          |
| Thermische Behandlung explosionsgef.<br>Stoffe<br>Buck Inpar GmbH<br>Waldrand 2<br>D-16278 Pinnow                |                              | hazardous waste<br>incineration                      | D10                  |                                    |                          |
| Rückstandsverbrennungsanlage Stade<br>DOW Deutschland Inc.<br>Postfach 1120<br>D-21677 Stade                     |                              | hazardous waste<br>incineration                      | D10                  |                                    |                          |
| Sonderabfallverbrennungsanlage der AVG<br>Hamburg<br>Borsigstraße 2<br>D-22113 Hamburg                           |                              | hazardous waste<br>incineration                      | D10                  |                                    |                          |
| Deponie Rondeshagen<br>GBS mbH<br>Zum Gutshof<br>D-23847 Groß Weeden   | not limited                  | hazardous waste landfill                             | D1                   |                                    |                          |
| Sonderabfalldeponie Ihlenberg<br>Ihlenberger Abfallentsorgungs-GmbH<br>Ihlenberg 1<br>D-23923 Selmsdorf          |                              | hazardous waste landfill                             | D1                   |                                    |                          |
| Sonderabfallverbrennungsanlagen (SAVA)<br>GmbH<br>Ostertweute<br>D-25541 Brunsbüttel                             | not limited                  | hazardous waste<br>incineration                      | D10                  |                                    |                          |
| Bayer AG Werk Brunsbüttel<br>Gasphasenoxidationsanlage<br>Fährstraße 45<br>D-25541 Brunsbüttel                   |                              | hazardous waste<br>incineration                      | D10                  |                                    |                          |
| Deponie Grauer Wall<br>Bremerhavener Entsorgungsgesellschaft<br>mbH<br>Zur Hexenbrücke 16<br>D-27580 Bremerhaven |                              | hazardous waste landfill                             | D1                   |                                    |                          |

| Facility / operation or process<br>(Name, address, organization / company etc.)           | Authorization valid until | Description of the facility, operation or process | Disposal 'D' code | Amount of Waste (in metric tonnes) |                          |
|---|---------------------------|---|-------------------|------------------------------------|--------------------------|
|   |                           |   |                   | Waste imported                     | Wastes generated locally |
| <b>Germany (continued)</b>  |                           |   |                   |                                    |                          |
| CPB-Anlage<br>Zipfel GmbH & Co KG<br>Adam-Smith-Str. 3-5<br>D-28307 Bremen                |                           | chemical-physical treatment                       | D9                |                                    |                          |
| CPB-Anlage<br>Rolf Märtens GmbH & Co KK<br>Strotthofkai 18<br>D-28309 Bremen              |                           | chemical-physical treatment                       | D9                |                                    |                          |
| CPB-Anlage<br>C.F. Plump Gewässerschutz GmbH<br>Louis-Krages-Str. 10<br>D-28237 Bremen    |                           | chemical-physical treatment                       | D9                |                                    |                          |
| Mineralölraffinerie Dollbergen GmbH<br>Bahnhofstraße 82<br>D-31311 Lietze-Dollbergen      |                           | chemical-physical treatment                       | D9,<br>D15        |                                    |                          |
| Deponie Hellsiek<br>Abfallbeseitigungs GmbH Lippe<br>Bartruper Strasse<br>D-32758 Detmold |                           | hazardous waste landfill                          | D1                |                                    |                          |
| Werksdeponie der Volkswagen AG<br>Werk Kassel<br>Postfach 1451<br>D-34219 Baunatal        |                           | hazardous waste landfill                          | D1                |                                    |                          |
| Sonderabfallverbrennungsanlage Marburg<br>Emil von Behring-Str. 76<br>D-35041 Marburg     |                           | hazardous waste incineration                      | D10               |                                    |                          |
| UTD Herfa-Neurode<br>Kali und Salz AG<br>Postfach 1061<br>D-36262 Heringen                | not limited               | underground hazardous waste landfill              | D12               |                                    |                          |
| Salzgitter Pyrogie GmbH<br>Eisenhüttenstrasse 39<br>D-38239 Salzgitter                    |                           | hazardous waste incineration                      | D10               |                                    |                          |
| UTD Zielitz<br>Kali und Salz AG<br>D-39326 Zielitz  |                           | underground hazardous waste landfill              | D1, D5            |                                    |                          |

| Facility / operation or process<br>(Name, address, organization / company etc.)                            | Authorization valid until            | Description of the facility, operation or process | Disposal 'D' code | Amount of Waste (in metric tonnes) |                          |
|--|--------------------------------------|---|-------------------|------------------------------------|--------------------------|
|  |                                      |   |                   | Waste imported                     | Wastes generated locally |
| <b>Germany (continued)</b>   |                                      |   |                   |                                    |                          |
| Zentraldeponie Hubberrath<br>ZDH-GmbH; c/o Trienekens GmbH<br>Erkrather Landstraße 1<br>D-40474 Düsseldorf | not limited                          | hazardous waste landfill                          | D1                |                                    |                          |
| Entsorgungs- und Verwertungszentrum (EVZ)<br>Trienekens GmbH<br>Jakobshöhe 15<br>D-41066 Mönchengladbach   | not limited                          | chemical-physical treatment                       | D9                |                                    |                          |
| Deponie Grevenbroich-Neuenhausen<br>Trienekens GmbH<br>Am Sandwerk<br>D-41517 Grevenbroich-Neuenhausen     | depending on remaining landfill-vol. |   | D1                |                                    |                          |
| Rückstandsverbrennungsanlage in Dormagen<br>Konrad-Schlauen-Straße 34<br>D-41538 Dormagen                  | not limited                          | hazardous waste incineration                      | D10               |                                    |                          |
| Deponie Rheinfeld<br>Bayer AG<br>Piwipperstraße<br>D-41539 Dormagen  | not limited                          | hazardous waste landfill                          | D1                |                                    |                          |
| Deponie Viersen II<br>Abfallbetrieb des Kreises Viersen<br>Hindenburgstraße 160<br>D-41749 Viersen         |                                      | hazardous waste landfill                          | D1                |                                    |                          |
| Deponie Nord-Ost<br>Stadt Dortmund<br>Rote Fuhr<br>D-44329 Dortmund  |                                      | hazardous waste landfill                          | D1                |                                    |                          |
| Zentraldeponie Kornharpen<br>USB Umweltservice Bochum GmbH<br>Universitätsstr. 43-49<br>D-44789 Bochum     |                                      | hazardous waste landfill                          | D1                |                                    |                          |

| Facility / operation or process<br>(Name, address, organization / company etc.)          | Authorization valid<br>until | Description of the facility,<br>operation or process | Disposal<br>'D' code | Amount of Waste (in metric tonnes) |                          |
|--|------------------------------|--|----------------------|------------------------------------|--------------------------|
|  |                              |  |                      | Waste imported                     | Wastes generated locally |
| <b>Germany (continued)</b>   |                              |  |                      |                                    |                          |
| CPB-Anlage<br>Kleinholz Recycling GmbH<br>Rolandstr. 9<br>D-45128 Essen                  | not limited                  | chemical-physical<br>treatment                       | D9                   |                                    |                          |
| CPB-Anlage<br>INDAWATEC GmbH<br>Kreisstr. 24<br>D-45525 Hattingen                        |                              | chemical-physical<br>treatment                       | D9                   |                                    |                          |
| Zentraldeponie Hattingen<br>AGR mbH<br>Am Zeckenplatz<br>D-45527 Hattingen               |                              | hazardous waste landfill                             | D1                   |                                    |                          |
| RZR Herten<br>AGR mbH<br>Im Emscherbruch 11<br>D-45699 Herten                            |                              | hazardous waste<br>incineration                      | D10                  |                                    |                          |
| Hüls Infracor GmbH<br>Paul-Baumann-Str. 1<br>D-45764 Marl                                |                              | hazardous waste<br>incineration                      | D10                  |                                    |                          |
| ZDE Emscherbruch<br>AGR mbH<br>Wiedehopfstr. 30<br>D-45892 Gelsenkirchen                 |                              | hazardous waste landfill                             | D1                   |                                    |                          |
| CPB-Anlage<br>UTR GmbH & Co. KG<br>Stollenstr. 12 - 16<br>D-45966 Gladbeck               | 30.06.2001                   | chemical-physical<br>treatment                       | D9                   |                                    |                          |
| CPB-Anlage in Duisburg Meiderich<br>H. Becker GmbH<br>Brakerstraße 74<br>D-46238 Bottrop |                              |  | D9                   |                                    |                          |
| Zentraldeponie Hünxe<br>AGR mbH<br>Waldaustraße<br>D-46514 Schermbek                     |                              | hazardous waste landfill                             | D1                   |                                    |                          |

| Facility / operation or process<br>(Name, address, organization / company etc.)  | Authorization valid until            | Description of the facility, operation or process         | Disposal 'D' code                  | Amount of Waste (in metric tonnes) |                          |
|--|--------------------------------------|---|------------------------------------|------------------------------------|--------------------------|
|  |                                      |   |                                    | Waste imported                     | Wastes generated locally |
| <b>Germany (continued)</b>   |                                      |   |                                    |                                    |                          |
| Deponie Eyller Berg<br>Eyller Berg Abfallbeseitigungs GmbH<br>Am Eyller-Berg<br>D- 47475 Kamp-Lintfort                     | depending on remaining landfill-vol. | hazardous waste landfill                                  | D1, D5                             |                                    |                          |
| Zentraldeponie Geldern-Pont<br>KKA mbH<br>Niersbroeckerweg<br>D-47608 Geldern  | 2010                                 | hazardous waste landfill                                  | D1                                 |                                    |                          |
| KS-Recycling GmbH & Co KG<br>Raiffeisenstrasse 38<br>D-47665 Sonstedt  |                                      | chemical-physical treatment                               | D9                                 |                                    |                          |
| Rückstandsverbrennungsanlage<br>BASF Coatings AG<br>Glasuritstraße 1,<br>D-48165 Münster                                   |                                      | hazardous waste incineration                              | D10                                |                                    |                          |
| Zentraldeponie Altenberge<br>Kreis Steinfurt<br>Westenfeld 10<br>D-48341 Altenberge  |                                      | hazardous waste landfill                                  | D1                                 |                                    |                          |
| Buchen Umweltservice GmbH<br>Werk Rheine<br>Kanalstrasse 71<br>D-48432 Rheine  |                                      | chemical-physical treatment                               | D9                                 |                                    |                          |
| Deponie Ochtrup<br>GMU Gesellschaft für<br>Materialrückgewinnung und Umweltschutz<br>mbH,<br>Weiner 302<br>D-48607 Ochtrup |                                      | hazardous waste landfill                                  | D1                                 |                                    |                          |
| Edelhoff Entsorgung Nord GmbH & Co.<br>Bölkowstr. 8-10<br>D-49565 Bramsche   | not limited                          | chemical-physical treatment, hazardous waste incineration | D9,<br>D10,<br>D13,<br>D14,<br>D15 |                                    |                          |

| Facility / operation or process<br>(Name, address, organization / company etc.)                              | Authorization valid<br>until | Description of the facility,<br>operation or process | Disposal<br>'D' code | Amount of Waste (in metric tonnes) |                          |
|--|------------------------------|--|----------------------|------------------------------------|--------------------------|
|  |                              |  |                      | Waste imported                     | Wastes generated locally |
| <b>Germany (continued)</b>   |                              |  |                      |                                    |                          |
| Zentraldeponie Haus Forst<br>Trienekens GmbH<br>Manheim<br>D-50170 Kerpen                                    |                              | hazardous waste landfill                             | D1                   |                                    |                          |
| Sonderabfalldeponie Knapsack<br>Hoechst AG<br>Werk Knapsack<br>D-50354 Hürth                                 |                              | hazardous waste landfill                             | D1                   |                                    |                          |
| Rückstandverbrennungsanlage Wesseling<br>R+T Entsorgung GmbH<br>Ludwigshafenstraße<br>D-50389 Wesseling      | not limited                  | hazardous waste<br>incineration                      | D10                  |                                    |                          |
| Thermische Rückstandsverwertung GmbH<br>& Co KG<br>Rodenkirchnerstraße<br>D-50389 Wesseling                  | not limited                  | hazardous waste<br>incineration                      | D10                  |                                    |                          |
| Schlammverbrennungsanlage<br>Deutsche EXXON Chemical GmbH<br>Neusser Landstr. 16<br>D-50735 Köln             |                              | hazardous waste<br>incineration                      | D10                  |                                    |                          |
| CPB-Anlage<br>Richard Buchen GmbH<br>Emdener Str. 278<br>D-50735 Köln  |                              | chemical-physical<br>treatment                       | D9,<br>D13,<br>D15   |                                    |                          |
| Deponie Wiemersgrund<br>Deponiegesellschaft Wiemersgrund GmbH<br>& Co KG<br>Grembergerstraße<br>D-51105 Köln | not limited                  | hazardous waste landfill                             | D1                   |                                    |                          |
| Engel Umwelttechnik GmbH & Co. KG<br>Ferdinand-Porsche-Str. 17<br>D-51149 Köln                               |                              |  | D8                   |                                    |                          |

| Facility / operation or process<br>(Name, address, organization / company etc.)                         | Authorization valid until | Description of the facility, operation or process | Disposal 'D' code | Amount of Waste (in metric tonnes) |                          |
|---|---------------------------|---|-------------------|------------------------------------|--------------------------|
|   |                           |   |                   | Waste imported                     | Wastes generated locally |
| <b>Germany (continued)</b>  |                           |   |                   |                                    |                          |
| Rückstands- und Abfallverbrennungsanlage<br>Bürrig<br>Bayer AG<br>Bayerwerk<br>D-51373 Leverkusen       |                           | hazardous waste incineration                      | D10               |                                    |                          |
| Sonderabfalldeponie Bürrig<br>Bayer AG<br>In den Kämpen<br>D-51373 Leverkusen                           |                           | hazardous waste landfill                          | D1                |                                    |                          |
| Abfallverbrennungsanlage Schlebusch<br>Dynamit Nobel AG<br>Kalkstraße 218<br>D-51377 Leverkusen         |                           | hazardous waste incineration                      | D10               |                                    |                          |
| Zentraldeponie Leppe<br>Bergischer Abfallwirtschaftsverband<br>Remshagen<br>D-51789 Lindlar             |                           | hazardous waste landfill                          | D1                |                                    |                          |
| Zentraldeponie Alsdorf-Warden<br>AWA<br>K 10 Rue de Wattrelos<br>D-52249 Eschweiler                     |                           | hazardous waste landfill                          | D1                |                                    |                          |
| Deponie Horm<br>Kreis Düren<br>Pfarrer-Pleus-Str. 46<br>D-52393 Hürtgenwald                             | 2006                      | hazardous waste landfill                          | D1                |                                    |                          |
| Deponie für Produktionsabfälle<br>Hüls Immobilien GmbH & Co KG<br>Sieglar<br>D-53840 Troisdorf          | 2026                      | hazardous waste landfill                          | D1                |                                    |                          |
| Rückstandsverbrennungsanlage<br>Niederkassel<br>Widding GmbH<br>Markusstraße 60<br>D-53859 Niederkassel |                           | hazardous waste incineration                      | D10               |                                    |                          |

| Facility / operation or process<br>(Name, address, organization / company etc.)  | Authorization valid until | Description of the facility, operation or process | Disposal 'D' code | Amount of Waste (in metric tonnes) |                          |
|--|---------------------------|---|-------------------|------------------------------------|--------------------------|
|  |                           |   |                   | Waste imported                     | Wastes generated locally |
| <b>Germany (continued)</b>   |                           |   |                   |                                    |                          |
| Zentraldeponie Winterbach<br>Kreis Siegen-Wittgenstein<br>Hilchenbacherstraße 200<br>D-57250 Netphen   |                           | hazardous waste landfill                          | D1                |                                    |                          |
| CPB-Anlage<br>Lindenschmidt KG Umwelttechnik<br>Krombacherstr. 42-46<br>D-57223 Kreuztal   |                           | chemical-physical treatment                       | D9                |                                    |                          |
| Zentraldeponie „Alte Scheune“<br>Kreis Olpe<br>Danzinger Str. 2<br>D-57462 Olpe  |                           | hazardous waste landfill                          | D1                |                                    |                          |
| Deponie Lüdenscheid-Kleinleifringhausen<br>AMK Abfallentsorgungsges. des Märkischen Kreises<br>Werdohlerstrasse/ Brinkerstrasse<br>D-58511 Lüdenscheid |                           | hazardous waste landfill                          | D1                |                                    |                          |
| CPB-Anlage<br>Lobbe GmbH & Co.<br>Friedrich-Kaiser-Str. 13<br>D-58638 Iserlohn   |                           | chemical-physical treatment                       | D9                |                                    |                          |
| Zentraldeponie Hamm-Bockum-Hövel<br>Stadt Hamm<br>Am Lausbach 4<br>D-59075 Hamm  | 2008                      | hazardous waste landfill                          | D1                |                                    |                          |
| Zentraldeponie Ennigerloh<br>Kreis Warendorf<br>Am Westring<br>D-59320 Ennigerloh  |                           | hazardous waste landfill                          | D1                |                                    |                          |
| Sonderabfallverbrennungsanlage Bergkamen<br>Schering AG<br>Ernst-Schering-Str. 14,<br>D-59192 Bergkamen  |                           | hazardous waste incineration                      | D10               |                                    |                          |

| Facility / operation or process<br>(Name, address, organization / company etc.)  | Authorization valid until | Description of the facility, operation or process     | Disposal 'D' code | Amount of Waste (in metric tonnes) |                          |
|--|---------------------------|---|-------------------|------------------------------------|--------------------------|
|  |                           |   |                   | Waste imported                     | Wastes generated locally |
| <b>Germany (continued)</b>   |                           |   |                   |                                    |                          |
| Inertstoffdeponie Kamen-Heeren-Werve<br>GWA Kreis Unna GmbH<br>Mühlhauser Straße<br>D- 59174 Unna                        | 2010                      | hazardous waste landfill                              | D1                |                                    |                          |
| Zentraldeponie Werl<br>Entsorgungswirtschaft Soest GmbH<br>Scheidinger Straße 41<br>D-59457 Werl                         |                           | chemical-physical treatment, hazardous waste landfill | D9<br>D1          |                                    |                          |
| Rückstandsverbrennungsanlage Werk<br>Offenbach<br>Clariant GmbH<br>Mainstraße 169<br>D-63075 Offenbach                   |                           |   | D10               |                                    |                          |
| Sonderabfallverbrennungsanlage<br>Biebesheim<br>HIM GmbH<br>Otto-Hahn-Str. 1,<br>D-64584 Biebesheim am Rhein             |                           | hazardous waste incineration                          | D10               |                                    |                          |
| Rückstandsverbrennungsanlage Werk<br>Frankfurt<br>Infra Serv & Co Höchst KG<br>Blockfeld E 300<br>D-65926 Frankfurt/Main |                           | hazardous waste incineration                          | D10               |                                    |                          |
| Rückstandsverbrennungsanlage Werk<br>Griesheim<br>Clariant GmbH<br>Stroofstraße 27 D-65933 Frankfurt/Main                |                           | hazardous waste incineration                          | D10               |                                    |                          |
| Rückstandsverbrennungsanlage Werk<br>Ludwigshafen<br>BASF AG<br>Carl-Bosch-Str. 38<br>D-67063 Ludwigshafen               |                           | hazardous waste incineration                          | D10               |                                    |                          |
| Deponie Gerolsheim<br>GSB mbH<br>Postfach 54<br>D-67258 Heßheim  |                           | hazardous waste landfill                              | D1                |                                    |                          |

| Facility / operation or process<br>(Name, address, organization / company etc.)  | Authorization valid until | Description of the facility, operation or process                                   | Disposal 'D' code       | Amount of Waste (in metric tonnes) |                          |
|--|---------------------------|---|-------------------------|------------------------------------|--------------------------|
|  |                           |   |                         | Waste imported                     | Wastes generated locally |
| <b>Germany (continued)</b>   |                           |   |                         |                                    |                          |
| FKM Buster Altöl- und Reststoffentsorgung GmbH<br>Holländer Straße 18<br>D-68219 Mannheim  |                           | chemical-physical treatment   | D9                      |                                    |                          |
| Sonderabfalldeponie Billigheim<br>SBW Sonderabfallentsorgung Baden-Württ. GmbH<br>D-704842 Fellbach-Schmidlen  | not limited               | hazardous waste landfill  | D1                      |                                    |                          |
| SBW Sonderabfallentsorgung Baden<br>Württemberg<br>Welfenstraße 15<br>D-70738 Fellbach   |                           |   | D9,<br>D14              |                                    |                          |
| Konditionieranlage Bad Friedrichstadt<br>Salzgrund 67<br>D-74076 Heilbronn   | not limited               |   | D9                      |                                    |                          |
| UTD Heilbronn,<br>Südwestdeutsche Salzwerke AG<br>Salzgrund 67<br>D-74076 Heilbronn  | not limited               | underground hazardous waste landfill  | D12                     |                                    |                          |
| Gesellschaft zur Entsorgung von Sondermüll Bayern (GSB- GmbH)<br>Winzerstraße 97 d<br>D-80797 München  |                           | chemical-physical treatment, hazardous waste incineration, hazardous waste landfill | D 5, D 8, D 9, D10, D15 |                                    |                          |
| SEF Sonderabfall-Entsorgung Franken GmbH (SEF GmbH)<br>Siemensstraße 3 - 5<br>D-91124 Schwabach  |                           | chemical-physical treatment   | D10, D15, D9, D5        |                                    |                          |
| Sonderabfalldeponie Rehestädt 2<br>Thüringer Sonderabfalldeponie GmbH<br>Rehestädt 2<br>D-99334 Rehestädt  | 2002                      | hazardous waste landfill  | D1                      |                                    |                          |
| <b>General Comments :</b><br>In Germany 589 facilities for the disposal of hazardous wastes are in operation. We have listed only selected major facilities to present a concise overview of these facilities. However, additional information is available on request from the focal point. |                           |   |                         |                                    |                          |

| Facility / operation or process<br>(Name, address, organization / company etc.)  | Authorization valid until | Description of the facility, operation or process                       | Disposal 'D' code | Amount of Waste (in metric tonnes) |  |
|--|---------------------------|---|-------------------|------------------------------------|--|
|  |                           |   |                   | Waste imported                     | Wastes generated locally                             |
| <b>Indonesia</b>   |                           |   |                   |                                    |  |
| Hazardous Waste Center Treatment<br>Jl. Raya Narogong, Desa Nambo<br>P.O.Box 18 Cileungsi, Bogor (16820)<br>Tel: (62 21) 867 4042<br>Fax: (62 21) 867 4043   |                           | Specially engineered landfill   | D5                |                                    |  |
| <b>Japan</b>   |                           |   |                   |                                    |  |
| None.  |                           |   |                   |                                    |  |
| <b>Kuwait</b>  |                           |   |                   |                                    |  |
| Ministry of Health   |                           | Hospital waste incinerator  | D10               | n.a.                               | n.a.   |
| <b>Latvia</b>  |                           |   |                   |                                    |  |
| Gardene, Pobele, Distr., Latvia, Joint Stock, Company, Bao   | 1 January 2000            | Temporary storage of obsolete pesticides                                | D15               |                                    | 1200   |
| <b>Luxembourg</b>  |                           |   |                   |                                    |  |
| Lamesh Exploitation S.A.<br>Installation C-P, Z.I. Wolser Nord<br>L-3225 Bettembourg   |                           |   | D9                |                                    | 475.50   |
| <b>Mauritius</b>   |                           |   |                   |                                    |  |
| Sanitary Landfill Mare Chicose   | 2003                      | Placement of waste into lined cells (clay compacted) and dailly covered | D5                | None                               | 400 tonnes of Municipal wastes are disposed of daily |
| <b>Morocco</b>   |                           |   |                   |                                    |  |
| No authorized disposal options within national jurisdiction.   |                           |   |                   |                                    |  |
| <b>Niger</b>   |                           |   |                   |                                    |  |
| Waste streams, Y1, Y2 and Y3 which are locally generated are disposed in accordance with the D1 (deposit into or onto land) and D10 (incineration on land) operations of the Annex IV of the Basel Convention. |                           |   |                   |                                    |  |

| Facility / operation or process<br>(Name, address, organization / company etc.)  | Authorization valid until | Description of the facility, operation or process | Disposal 'D' code | Amount of Waste (in metric tonnes) |                          |
|--|---------------------------|---|-------------------|------------------------------------|--------------------------|
|  |                           |   |                   | Waste imported                     | Wastes generated locally |
| <b>Norway</b>  |                           |   |                   |                                    |                          |
| To ensure the principle of selfsufficiency and to reduce the amount of hazardous waste to be subject to transboundary movements (BC art 4, 2(b)) the semi-governmental company NOAH got a license in 1997 to build a pre-treatment facility for organic hazardous waste which shall be incinerated in a cement factory in Norway. The pre-treatment facility will be in full operation by the end of 1999. The cement factory has been incinerating hazardous waste since 1987. NOAH's treatment facility for final disposal of inorganic hazardous waste has been under continuous upgrading and got a new license in 1997. |                           |   |                   |                                    |                          |
| <b>Oman</b>  |                           |   |                   |                                    |                          |
| Oman Mining Company  | 1998                      | Gold Mining/Refining (With Cyanide)               | D5                | Nil                                | 285407                   |
| Petroleum Development Oman   | 1998                      | Crude Oil Extraction                              | D5 & D15          | Nil                                | 37238                    |
| Occidental Oil Company   | 1998                      | Crude Oil Extraction                              | D2 & D5 & D15     | Nil                                | 3009                     |
| <b>Portugal</b>  |                           |   |                   |                                    |                          |
| ECTRI – Estação Colectiva de Tratamento de Resíduos Industriais<br>ATRIAG – Vale do Grou<br>Apartado 485, 3750 Águeda  |                           |   | D9                |                                    |                          |
| Quimitécnica – Serviços, Comércio e Indústria de Produtos Químicos, S.A.<br>Rua 26 – Parque Industrial da Quimigal<br>2830 Barreiro  |                           |   | D9/<br>D15        |                                    |                          |
| Lobbe Derconsa – Serviços e Técnicas Meioambientais, S.A.<br>Rua Gil Vicente, Lote 5-9, Quinta das Laranjeiras, 2840 Seixal  |                           |   | D15               |                                    |                          |
| <b>Republic of Korea</b>   |                           |   |                   |                                    |                          |
| Korea has 537 landfills covering a total of 34km <sup>2</sup> ; 479 are owned by local authorities and 44 are privately owned.<br>Of the total 15,471 incinerators, 1,152 are owned by local authorities and the rest are privately owned (they treated 3.5 million tonnes in 1997).   |                           |   |                   |                                    |                          |
| <b>Romania</b>   |                           |   |                   |                                    |                          |
| None.  |                           |   |                   |                                    |                          |

| Facility / operation or process<br>(Name, address, organization / company etc.)  | Authorization valid until | Description of the facility, operation or process | Disposal 'D' code | Amount of Waste (in metric tonnes) |                          |
|--|---------------------------|---|-------------------|------------------------------------|--------------------------|
|  |                           |   |                   | Waste imported                     | Wastes generated locally |
| <b>Russian Federation</b>  |                           |   |                   |                                    |                          |
| No data available.   |                           |   |                   |                                    |                          |
| <b>Saint Lucia</b><br><br>In 1997, there continued to be only municipal waste Disposal facilities on the island.   |                           |   | D1                | 0                                  | 60,000                   |
| <b>General Comments:</b><br>Continued upgrading of municipal sites and special measures are being used for the disposal of hazardous waste – oil, used batteries, used pesticides, asbestos containing materials, and clinical wastes. |                           |   |                   |                                    |                          |
| <b>Slovakia</b>  |                           |   |                   |                                    |                          |
| Budmerice  |                           | Landfill for hazardous waste                      | D5                | No                                 | 30000                    |
| Zohor  |                           | Landfill for hazardous waste                      | D1                | No                                 | 30000                    |
| Šala'a   |                           | Landfill for hazardous waste                      | D10               | No                                 | 15000                    |
| <b>Slovenia</b>  |                           |   |                   |                                    |                          |
| Pinus Race,<br>Grajski Trg 21, 2327 Race   |                           | Incineration of phytopharmaceutical waste         | D10               |                                    | 1000 tonnes/year         |
| Alpos<br>Leona Dobkotliiška 2, 1000 Ljubjana   |                           | Incineration of paints                            | D10               |                                    | 5 tonnes/year            |
| <b>Sweden</b>  |                           |   |                   |                                    |                          |
| BORAB<br>Bollnäs Ovanåkers Renhållnings AB<br>S-821 80 Bollnäs   |                           | Biological treatment of oil contaminated soil     | D8                | 0                                  | 1 200 tonnes/year        |
| Dala Specialavfall AB<br>Gesällgatan 4<br>S-781 74 Borlänge  |                           | Biological treatment of oil contaminated soil     | D8                | 0                                  | 12 400 tonnes/year       |
| Emmaboda kommun<br>Box 54, S-361 21 Emmaboda   |                           | Biological treatment of oil contaminated soil     | D8                | 0                                  |                          |

| Facility / operation or process<br>(Name, address, organization / company etc.) | Authorization valid until | Description of the facility, operation or process   | Disposal 'D' code | Amount of Waste (in metric tonnes)                                     |   |
|---|---------------------------|---|-------------------|--|---|
|   |                           |   |                   | Waste imported   | Wastes generated locally                              |
| <b>Sweden (continued)</b>   |                           |   |                   |  |   |
| Hudiksvalls kommun<br>Tekniska verken<br>S-824 80 Hudiksvall                    |                           | Treatment of oil contaminated soil and sludge by separation and biologic treatment  | D8                | 0  | 40 tonnes/year  |
| Kvarnsströms AB<br>Box 8072, S-163 08 Spånga                                    |                           | Physical/chemical treatment of waste from surface treatment   | D9                | 0  | 240 m <sup>3</sup> /year                              |
| Malungs kommun<br>Box 14, S-782 21 Malung                                       |                           | Biological treatment of oil contaminated soil   | D8                | 0  | 60 tonnes/year  |
| Nordvästra Skånes Renhållnings AB<br>S-251 89 Helsingborg                       |                           | Treatment of oil wastes by separation and physical treatment. Landfill  | D8, D9, D1        | 0  | 9 000 tonnes/year                                     |
| Oskarshamns kommun<br>Tekniska kontoret, Box 706<br>S-572 28 Oskarshamn         |                           | Treatment of oil contaminated soils by separation and further treatment in other facility   | D9                | 0  | 800 tonnes/year                                       |
| SAKAB<br>Box 904, -S-692 29 Kumla   |                           | High temperature incineration, physical/chemical treatment of wastes, landfill.   | D10, D9, D1       | 61 tonnes for incineration<br>3 tonnes for physical/chemical treatment | D10 – 33 000 t/a<br>D9 – 5 000 t/a<br>D1 – 24 000 t/a |
| Springwire Sweden AB<br>Box 1066, S-680 96 Lesjöfors                            |                           | Landfill of MeOH-waste  | D1                | 0  | 400 m <sup>3</sup> /year                              |
| Storfors Miljö AB<br>Box 1003, S-688 29 Storfors                                |                           | Physical/chemical treatment of spent solutions from surface treatment processes, regeneration of sulphuric acid, landfill of MeOH waste | D9, D1            | 0  | D9 – 13 600 t/a<br>D1 – 11 850 t/a                    |
| Söderhamns Renhållning<br>Box 182, S- 826 24 Söderhamn                          |                           | Treatment of oil contaminated soil  | D9                | 0  | 720 tonnes/year                                       |
| Uppsala Energi AB<br>Box 125, -S751 01 Uppsala                                  |                           | Incineration of solvents  | D10               | 0  | 500 m <sup>3</sup> /year                              |
| Västmanlands Avfallsaktiebolag<br>S-721 87 Västerås                             |                           | Treatment of oil contaminated soil  | D9                | 0  | 160 tonnes/year                                       |

| Facility / operation or process<br>(Name, address, organization / company etc.)  | Authorization valid until | Description of the facility, operation or process                       | Disposal 'D' code | Amount of Waste (in metric tonnes) |                          |
|--|---------------------------|---|-------------------|------------------------------------|--------------------------|
|  |                           |   |                   | Waste imported                     | Wastes generated locally |
| <b>Syrian Arab Republic</b>  |                           |   |                   |                                    |                          |
| Ministry of Local Administration   |                           | Compost system  |                   |                                    | Approx. 800 t/day        |
| 2 landfills for house hold wastes  |                           | Landfill  |                   |                                    |                          |
| <b>Thailand</b>  |                           |   |                   |                                    |                          |
| GENCO, Map Ta Put, Rayong Province<br>Serving industries in the Eastern region   |                           | Stabilization/neutralization unit                                       | D9                |                                    | 0.11 million             |
|  |                           | Physical and chemical wastewater pre-treatment unit                     | D9                |                                    |                          |
|  |                           | Secured landfill  | D5                |                                    |                          |
| Industrial waste treatment plant, Samae Dum, Bangkok serving Central region  |                           | Physical and chemical wastewater treatment plant for the electroplating | D9                |                                    | 0.10 million             |
|  |                           | Stabilization/neutralization unit                                       | D9                |                                    |                          |
| Secured landfill, Ratchaburi Province<br>Serving Central region  |                           | Secured landfill  | D5                |                                    | 0.60 million             |
| On-Nuch infectious Waste incinerator<br>Serving the hospitals and clinics in Bangkok Metropolitan Region                 |                           |   |                   |                                    | 20 tonnes/day            |
| Hat Yal Infectious Waste incinerator<br>Serving the hospitals and clinics in Sonkhla Province and its vicinity           |                           |   |                   |                                    | 5 tonnes/day             |
| Samut Sakorn Infectious Waste incinerator<br>Serving the hospitals and clinics in Samut Sakorn Province and its vicinity |                           |   |                   |                                    | 5 tonnes/day             |
| Nonthaburi Infectious Waste incinerator<br>Serving the hospitals and clinics in Nonthaburi Province and its vicinity     |                           |   |                   |                                    | 5 tonnes/day             |
| <b>Tunisia</b>   |                           |   |                   |                                    |                          |
| A controlled landfill for household wastes for the city of Tunis   | 2012                      | Specially engineered landfill with appropriate treatment facilities     | D5                | None                               | 650 000 year             |

| Facility / operation or process<br>(Name, address, organization / company etc.)   | Authorization valid until | Description of the facility, operation or process   | Disposal 'D' code | Amount of Waste (in metric tonnes) |                          |
|---|---------------------------|---|-------------------|------------------------------------|--------------------------|
|   |                           |   |                   | Waste imported                     | Wastes generated locally |
| <b>Tunisia (continued)</b><br><br>Four controlled landfills for household wastes in the Medjerdah River basin (north)   | 2007                      | Specially engineered landfill with appropriate treatment facilities especially for composting | D5                | None                               | 50 000 year              |
| <b>United Kingdom</b><br><br>The Environment Services Association (ESA), 154 Buckingham Palace Road<br>London SW1W 9TR  |                           |   |                   |                                    |                          |
| Institute of Waste Management<br>9 Saxon Court, St Peter Gardens<br>Northampton NN1 1SX   |                           |   |                   |                                    |                          |
| <b>General Comments:</b><br>There are too many facilities in the UK that are authorized to recover/recycle/re-use wastes to list here. For information about specific facilities please contact the organization above. |                           |   |                   |                                    |                          |
| <b>Usbekistan</b><br><br>No information.  |                           |   |                   |                                    |                          |

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**Para. 3(h)**

**“Information on measures undertaken for development of technologies for the reduction and/or elimination of production of hazardous wastes and other wastes.”**

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**Argentina**

- Research projects between industry and research organism/university.
- Remar/Repamar projects.
- Ongoing projects on cleaner production, recycling, reduction of hazardous waste and elimination of hazardous waste.

**Austria**

Waste reduction is one goal of the Federal Waste Management Act. The implementation of this goal is done by different measures:

1. a mandatory waste management concept for each company with more than 100 employees (Article 9 of the Waste Management Act);
2. ordinances (e.g. Ordinance on Packaging Wastes; Fed. Law Gaz. 648/1996 and 649/1996);
3. voluntary agreements with the industry; and
4. guidelines for the environmentally sound waste management, including waste reduction.

Austria is involved in several programs for the development of clean technologies. The main competence for these projects is not with the Ministry for the Environment.

**Belgium**Flanders :

In 1994, Flemish government started a PRESTI-programm (PREvention and STimulation) to support professional associations who wanted to inform their members about environmentally sound management systems. The first step was the realization of studies per professional sector, the second step was dissemination of obtained knowledge to the members. By the end of 1995, 33 projects were approved, from which 32 actually took place. The following sectors have been studied: roadconstruction contractors, potato-peel companies, builders, bakers, icemakers and chocolatemakers, brewers, motor body makers, companies in graphical sector, recycling companies of man-made fibres metallic equipment-dealing companies, vegetable processing companies, traditional metal processing companies, industrial metal processing companies, furniture companies, natural stone processing companies, metalsurface treatment companies, paper and cardboard processing companies, board material companies, rubber industry, painters, cabinetmakers, slaughters, metal melting and pouring companies, stowing and package handling companies, dentists, paints making companies, textile companies, meat processing companies, manufacturers of packaging system, endurance, systems and construction parts, and hospitals.

Ongoing projects on cleaner production, recycling and reduction of hazardous waste.

**Benin**

None.

**Bolivia**

Ongoing projects on recycling (recuperation and recycling of refrigerants-cold generators), reduction of hazardous waste, and elimination of hazardous waste. Application of procedures of prevention and control (environmental assessment).

**Brazil**

National Clean Technology Center – CNTL, under National Confederation of Industry and supported by UNIDO, located in the State of Rio Grande do Sul (South of Brazil). This Center CNTL will be requested to collaborate with the Sub-Regional Training & Technology Transfer Center.  
Ongoing project on cleaner production.

**Bulgaria**

None.

**Burundi**

Ongoing projects on used water treatment at Bujumbura, and on elimination of hazardous wastes.

**Canada**

Technology Partnerships Canada and Pan-western Environmental Technology Loan Fund are the two financial programs that provide R&D projects in environmental technologies area, including pollution prevention and eco-efficiency. These programs also provide considerable opportunities to Canadian companies for the development and commercialization of new and innovative environmental technologies in such areas as pollution prevention, hazardous waste minimization, pollution control and contaminated site remediation.

Ongoing projects on cleaner production, recycling, reduction of hazardous wastes and elimination of hazardous waste.

**Comoros**

No such technology is available.

**Croatia**

Beginning of activities on Croatian Government – UNIDO Project: Capacities Building in Cleaner Production.

Ongoing project on cleaner production.

**Cuba**

To promote the use of cleaner technologies (in negotiation with Spain). Ongoing projects on cleaner production and recycling.

**Cyprus**

A Technical Committee has begun the consideration of the proposals included in the study of the management of used oils, completed in 1996.

**Czech Republic**

Activities of the Czech Cleaner Production Centre. Ongoing projects on cleaner production, recycling and reduction of hazardous waste.

**El Salvador**

- Ongoing projects on cleaner production, recycling, reduction of hazardous waste, and elimination of hazardous waste.
- Establishment of Sub-regional Centre for Training and Technology Transfer for Central America and Mexico, in El Salvador.

**Estonia**

Ongoing projects on cleaner production, recycling, reduction of hazardous waste, and elimination of hazardous waste.

**Gambia**

None.

**Germany**

Ongoing projects on cleaner production, recycling, reduction of hazardous waste, and elimination of hazardous waste.

**Iceland**

None.

**Indonesia**

Construction of Hazardous Waste Center treatment in Surabaya, East Java, Semboja, East Kalimantan and Lhokseumane, Aceh.

Development of transportation system for collection of hazardous waste from “small scale activity”, developing station transfer system for hazardous waste collection.

Ongoing projects on reduction of hazardous waste.

Other methodology used is used oil refining which is destined as operation R9.

**Japan**

None.

**Kuwait**

Ongoing projects are construction of a new incinerator for clinical waste, construction of a new reception station for solid waste which includes incinerator for lab. chemical, and plan to build a new municipal landfill site and also projects on cleaner production and recycling.

**Latvia**

Ongoing project on development of hazardous waste management system, recycling, reduction of hazardous waste and elimination of hazardous waste.

**Mauritius**

Under a project financed by the International Labor Organization, clean production case studies were effected during the period June 1997 to December 1998. Sugar, textile, hotel and edible oil industries were covered. All the cleaner production experiments have proved beneficial in Environmental and Economics terms.

**Mongolia**

None.

**Morocco**

- Pilot projects, for example, recovery of chromium; incentive measures for industrial sector to reduce pollution; and legislation in elaboration.

**Mozambique**

Ongoing project on removal and disposal of obsolete pesticides.

**Niger**

The Regional Centre for Training and Technology Transfer for the environmentally sound management of hazardous wastes and other wastes and the minimization of their generation for French speaking African countries should play a key role in activities related to the development of technologies for the reduction and/or elimination of production of hazardous wastes and other wastes. At present, Niger is preparing such a project for transmission to the above Centre which is based at Dakar.

**Oman**

Implementation of remedial action masterplan in respect of hazardous waste treatment and recycling of hazardous organic solvents from pharmaceutical manufacturing and crude oil industry. Ongoing projects on cleaner production, recycling, reduction of hazardous waste and elimination of hazardous waste.

**Portugal**

Development of efforts for the establishment of a contract between the Ministry of the Environment and INETI (Instituto Nacional de Engenharia e Tecnologia Industrial) aiming the development of technologies for the reduction and/or elimination of production of hazardous wastes and other wastes.

Ongoing projects on cleaner production, recycling, reduction of hazardous wastes and elimination of hazardous wastes.

**Saint Lucia**

Initiative by local distillery to re-use oil as source of fuel from power plant and cruise ships; and initiative by a local clay manufacturer to re-use used oil from gas stations and cruise ships. Ongoing projects on cleaner production and recycling.

**Slovakia**

Modernization of industry.

Ongoing projects on cleaner production, recycling, reduction of hazardous waste and elimination of hazardous waste

**Slovenia**

None.

**Sri Lanka**

There are waste minimization projects/programmes under few selected industrial sectors carried out by the Central Environmental Authority under UNIDO. Ongoing projects on cleaner production, reduction of hazardous waste and elimination of hazardous waste.

**Thailand**

- Establishment of 2 Industrial Hazardous Waste Treatment Centers.
- Administration and environmental economic measures to support the reduction and/or elimination of production of wastes with the environmental sound manner, the designation of the working group between the authorized officer and manufacturer to consider the feasible disposal of used lubricated oil waste and sludge, tax differential for lubricated oil to support the consumption of unleaded oil, tax exemption for the recyclable lead-acid battery production, etc.
- Ongoing projects on cleaner production, recycling, reduction of hazardous waste and elimination of hazardous waste

**Tunisia**

Study on the promotion of a strategy of cleaner production (ready by 2000); and the International Centre of Environmental Technologies (CITET) in Tunis has established programs of training for industrials namely on the substitution of pollutant processes by cleaner technologies and the reduction of the hazardous wastes at the source of production. Ongoing projects on cleaner production, recycling, reduction of hazardous waste and elimination of hazardous waste.

**Turkey**

The GTZ Project with Turkish-German Technical Cooperation named as “Technical Cooperation and Training Program related to Hazardous Waste Management” started on 20 January 1997 and funded by GTZ-“Emergency Fund”. In the frame of this project the hazardous waste inventory study was started. The government encourages the processes which minimize waste generation. Other ongoing projects on reduction of hazardous waste and elimination of hazardous waste.

**United Kingdom**

The Environmental Technology Best Practice Programme (ETBPP) is a joint DETR/DTI initiative which promotes the use of better environmental practices that reduce costs for UK industry and commerce. It does this by collecting, analysing and publicising information on the most cost effective measures available. It aims to stimulate savings by industry worth as least £90 million per annum by 2002, and to stimulate further savings thereafter such that by 2015 the annual savings by industry are worth £320 million.

It has already stimulated savings worth £50 million per annum, with corresponding reductions in waste and environmental impact.

One of the permanent themes of the ETBPP is the minimisation of waste at source. It promotes the message of waste minimisation to UK business via workshops and seminars and produces carefully targeted case studies and guides to persuade decision makers in industry of the benefits of reducing waste at source. Publications include:

- guides giving practical information and guidance that can save industry money and improve the environment;
- case studies, each giving a real example of how individual companies are making cost savings by improving their environmental performance against that of other companies carrying out similar operations; and
- guides on the environmental performance of particular industry sectors, technologies, or operations. Using these, a company can benchmark its environmental performance against that of other companies carrying out similar operations.

It also operates an Environmental Helpline providing free advice and information to businesses on a wide range of environmental issues, including packaging (0800 585794).

A key area under the Programme has been the encouragement and support of regional waste minimisation projects. There are at least 50 initiatives ongoing throughout the UK involving around 500 companies and the number continues to increase. Some of these projects have been monitored by the ETBPP and the lessons learned are being companies can be great and intermediaries can also help their local businesses by forming a club. The ETBPP is assisting partnerships of business support organisations by providing training, guidance and leaflets on waste minimisation.

**Uzbekistan**

No information.

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**Para. 3(i):**

**“Such other matters as the Conference of the Parties shall deem relevant.”**

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**Austria**

Implementation of Decision II/12 or III/1.

The EU Shipment Regulation was enforced in Austria by 1 January 1997. The Shipment Regulation implements Decision II/12 and III/1 on EU-level.

**Belgium**

None.

**Benin**

None.

**Bolivia**

Bolivian Environmental Law states that the import, transit and disposal of hazardous wastes is banned. It is very important to get technical and economical support to set regulations to handle problems in this matter.

**Brazil**

None.

**Bulgaria**

None.

**Burundi**

Supporting the developing countries is very important in making inventory of wastes, and providing the minimum material aids and training.

**Croatia**

PUTO – Building of incineration plant for Hazardous Waste in Zagreb is planned.

**Cuba**

None.

**Cyprus**

In the Environmental Services budget there is provision for emergency responses in case of accidents that might cause pollution.

A central treatment plant has been constructed for the treatment of liquid hazardous wastes produced by a number of small industrial units.

A project for the rehabilitation of an abandoned large asbestos mine is under way.

A programme funded by the LIFE Programme of the European Union has been completed for the prevention of pollution caused from mining wastes.

A project funded by the LIFE Programme of the E.U. has started and concerns inter alia the management of dangerous wastes produced by some industrial units.

**Denmark**

None.

**Estonia**

None.

**Germany**

None.

**Iceland**

None.

**Indonesia**

- Fly ash & bottom ash;
- Tailing waste.

**Japan**

None.

**Kuwait**

None.

**Mongolia**

None.

**Morocco**

Conference of the Parties shall give more importance and develop the technical and financial assistance in order to strengthen the capability of developing countries to implement the provisions of the Basel Convention.

**Niger**

Niger does indeed produce biomedical wastes, medical and pharmaceutical products which are not managed in an environmentally sound manner. Policy on the implementation of the Basel Convention should be based on aspects to be considered in Niamey, the potential place these wastes are being received, and the river Niger, where intensive hydro-agriculture and fishing activities are being carried out. In addition, statistical information is missing.

**Oman**

National Hazardous Waste Database in ongoing operation and updating. National Hazardous Waste Management Project at early conceptual stages in 1997.

**Romania**

None.

**Saint Lucia**

To implement cleaner production programmes with private sector is planned.

**Sri Lanka**

A pre-feasibility study on hazardous waste management and disposal has been completed under the World Bank Funding.

To establish hazardous waste disposal facilities to explore the possibilities of using the cement kiln at Puttalam for disposal of organic waste 10 possible sites were identified and ranked.

An inventory of hazardous waste generation and pre-feasibility study on hazardous waste management and disposal has been completed under the World Bank Funding.

Data collection to evaluate the existing capacity in the country to control transboundary movements of hazardous waste is an ongoing activity.

**Thailand**

The central waste recovery facilities is planned to be established in the future.

**Tunisia**

None.

**Turkey**

In the frame of GTZ project, Turkey started to form a waste inventory study through out Turkey. According to the results of this study, Turkey will make regional waste management plans. In this purpose disposal sites will be established parallel to the regional plans and waste minimization programs will be started at regional and national scale.

**United Kingdom**

Nil.

**Article 16, Para. 1(g) and 1(i): Available Technical Assistance.**

| NAME AND ADDRESS OF INSTITUTION   | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|---|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|   | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b><u>SOURCES OF TECHNICAL ASSISTANCE AND TRAINING</u></b>  |                     |                            |                                     |   |                               |                    |   |
| <b>Belgium</b>  |                     |                            |                                     |   |                               |                    |   |
| In Belgium, there are several private enterprises which give technical assistance on these fields. You can meet them on several exhibitions.        |                     |                            |                                     |   |                               |                    |   |
| <b>Benin</b>  |                     |                            |                                     |   |                               |                    |   |
| None.   |                     |                            |                                     |   |                               |                    |   |
| <b>Bolivia</b>  |                     |                            |                                     |   |                               |                    |   |
| None.   |                     |                            |                                     |   |                               |                    |   |
| <b>Brazil</b>   |                     |                            |                                     |   |                               |                    |   |
| - Companhia de Tecnologia de Saneamento Ambiental – CETESB<br>Av. Prof. Frederico Herman Jr. 345, Altos de Pinheiros, São Paulo/SP CEP 05489-900    | X                   | X                          | X                                   | X   | X                             | X                  |   |
| - Fundação Estadual de Engenharia do Meio Ambiente – FEEMA<br>Rua Fonseca Telesm 121, 15º andar, São Cristovão – Rio de Janeiro/RJ – CEP 20.940-200 | X                   | X                          | X                                   | X   | X                             | X                  |   |
| - Fundação Estadual de Proteção Ambiental – FEPAM<br>Av. A. J. Renner, 10 – Navegantes – Porto Alegre/RS – CEP 90.245-000                           | n.a.                | X                          | n.a.                                | n.a.  | X                             | X                  |   |
| - Fundação Estadual de Meio Ambiente – FATMA<br>Rua Felipe Schmidt, 485 Centro – Florianópolis/SC – CEP 88.010-970                                  | n.a.                | X                          | n.a.                                | n.a.  | X                             | X                  |   |
| - Instituto Ambiental do Paraná<br>Rua Desembargador Motta, 3.384 – Curitiba/PR – CEP 80.430-200  | n.a.                | X                          | n.a.                                | n.a.  | X                             | X                  |   |

| NAME AND ADDRESS OF INSTITUTION  | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|--|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|  | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b>Bulgaria</b>  |                     |                            |                                     |   |                               |                    |   |
| None.  |                     |                            |                                     |   |                               |                    |   |
| <b>Burundi</b>   |                     |                            |                                     |   |                               |                    |   |
| None.  |                     |                            |                                     |   |                               |                    |   |
| <b>Canada</b>  |                     |                            |                                     |   |                               |                    |   |
| Chief, Transboundary Movement Division<br>Toxic Pollution Prevention Directorate<br>Environment Canada<br>351 St. Joseph Blvd., 12 <sup>th</sup> floor, Hull, Quebec K1A OH3<br>Tel: (819) 953-1390<br>Fax: (819) 997-3068         | X                   |                            |                                     |   |                               |                    | X   |
| Canadian Environmental Industry Association<br>Phase 11, #204,<br>6 Antares Drive, Nepean, Ontario Canada  |                     | X                          | X                                   |   |                               |                    |   |
| <i>Directory of Contaminated Sites Services</i><br>Chief, Contaminated Sites Division<br>Environmental Technologies Advancement Directorate<br>Environment Canada<br>351 St. Joseph., 12 <sup>th</sup> floor, Hull, Quebec K1A OH3 |                     |                            | X                                   | X   |                               |                    |   |
| Association of Consulting Engineers of Canada<br>130 Albert St., Suite 616,<br>Ottawa, Ontario, Canada K1P 5G4   |                     | X                          | X                                   |   |                               |                    |   |
| Association of Municipal Recycling Coordinators<br>25 Douglas St., Guelph, Ontario, Canada N1H 2S7   |                     |                            | X                                   | X   |                               |                    |   |
| STOP<br>716, rue St-Ferdinand<br>Montreal, Quebec Canada H4C 2T2   |                     | X                          | X                                   |   |                               |                    |   |
| Chief, Emergency Sciences Division<br>Environmental Technology<br>Advancement Directorate<br>Environmental Technology Centre<br>Environment Canada<br>3439 River Road, Gloucester, Ontario, Canada K1A OH3                         |                     |                            | X                                   |   | X                             | X                  |   |

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|--|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|  | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b>Canada (continued)</b><br><br>Wastewater Technology Centre<br>867 Lakeshore Road, P.O. Box 5068<br>Burlington, Ontario, Canada L7R 4L7  |                     | X                          | X                                   | X   | X                             |                    |   |
| “ <i>Directory of Hazardous Waste Services</i> ” available from:<br>Southam Information and Technology Group<br>1450 Don Mills Road<br>Don Mills, Ontario, Canada M3B 2X7  |                     | X                          | X                                   |   |                               |                    |   |
| “ <i>Canadian Environmental Directory 1998/99</i> ” available from: Canadian Almanac & Directory Publishing Company Ltd.<br>ISBN 1-895021-19-7 or on CD-ROM format ISBN 1-895021-20-0  |                     | X                          | X                                   |   |                               |                    |   |
| <b>Comoros</b>   |                     |                            |                                     |   |                               |                    |   |
| None.  |                     |                            |                                     |   |                               |                    |   |
| <b>Cyprus</b>  |                     |                            |                                     |   |                               |                    |   |
| Not applicable.  |                     |                            |                                     |   |                               |                    |   |
| <b>Denmark</b><br><br>Danish EPA, Strandgade 29, 1401 Copenhagen, Denmark<br>Help is granted on ad hoc basis   | X                   | X                          | X                                   |   | X                             | X                  | X   |
| Municipalities – Help is granted on ad hoc basis   |                     |                            |                                     | X   | X                             | X                  | X   |
| <b>Egypt</b><br><br>The Sub-Regional Center for Training and Technology Transfer in the Arabic speaking countries is under establishment at the “Center for Environmental Hazard Mitigation” at Cairo University.  |                     |                            |                                     |   |                               |                    |   |
| <b>El Salvador</b><br><br>Regional Workshop of information about Basel Countries to Caribbean and Central American Regions (fifty participants) held in San Salvador 1995 by SBC.<br>First Sub-regional Training Seminars regarding the Basel Convention Implementation 5-7 July, El Salvador and 11-16 July Nicaragua (fifty participants). |                     |                            |                                     |   |                               |                    |   |

| NAME AND ADDRESS OF INSTITUTION   | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
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| <b>Germany</b>  |                     |                            |                                     |   |                               |                    |   |
| Technische Universität Cottbus<br>Karl-Marx-Strasse 17, D-03044 Cottbus                   |                     |                            | X                                   |   |                               |                    |   |
| Industrie- und Handelskammer Cottbus<br>Goethestrasse 1, D-03046 Cottbus                  |                     | X                          |                                     |   |                               |                    |   |
| Industrie- und Handelskammer Ostthüringen<br>Humboldtstr. 14, D-07545 Gera                |                     | X                          | X                                   |   |                               |                    |   |
| Industrie- und Handelskammer Potsdam<br>Postfach 600855, D-14408 Potsdam                  |                     | X                          |                                     |   |                               |                    |   |
| Industrie- und Handelskammer Frankfurt (Oder)<br>Postfach 343, D-15203 Frankfurt (Oder)   |                     | X                          |                                     |   |                               |                    |   |
| DEKRA Akademie GmbH<br>Schonenfaherstrasse 7, D-18057 Rostock                             | X                   |                            | X                                   |   |                               |                    |   |
| TOKOM-Partner Rostock GmbH<br>Gerhard-Hauptmann-Str. 21, D-18055 Rostock                  | X                   |                            | X                                   |   |                               |                    |   |
| TÜV Nord e.V.<br>Trelleborger Strasse 15, D-18107 Rostock                                 | X                   | X                          |                                     |   |                               |                    |   |
| RWTÜV Akademie Mecklenburg GmbH<br>Rövertannen 12, D-18273 Güstrow                        | X                   | X                          |                                     |   |                               |                    |   |
| Industrie- und Handelskammer Lüneburg-Wolfsburg<br>Am Sand 1, D-21335 Lüneburg            |                     | X                          |                                     |   |                               |                    |   |
| Industrie- und Handelskammer für den Elbe-Weser-Raum,<br>Am Schäferstieg 2, D-21680 Stade |                     | X                          |                                     |   |                               |                    |   |
| Vereinigung der Industrie- und Handelskammern in<br>Schleswig-Holstein, D-24100 Kiel      |                     |                            |                                     |   |                               |                    |   |
| Oldenburgische Industrie- und Handelskammer<br>Moslestr. 6, D-26122 Oldenburg             |                     | X                          |                                     |   |                               |                    |   |
| Industrie- und Handelskammer für Ostfriesland und<br>Papenburg, Ringstr. 4, D-26721 Emden |                     | X                          |                                     |   |                               |                    |   |
| Fachhochschule Nord-Ost Niedersachsen<br>Herbert Meyerstr. 7, D-29556 Suderburg           |                     |                            | X                                   |   |                               |                    |   |
| TÜV Hannover/Sachsen Anhalt e.V.<br>Zentrale Hannover, D-30159 Hannover                   |                     |                            | X                                   |   | X                             |                    |   |

| NAME AND ADDRESS OF INSTITUTION  | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|--|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|  | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b>Germany (continued)</b>   |                     |                            |                                     |   |                               |                    |   |
| Industrie- und Handelskammer Hannover-Hildesheim,<br>Schiffgraben 49, D-30175 Hannover                               |                     | X                          |                                     |   |                               |                    |   |
| Universität Hannover<br>Welfengarten 1, D-30167 Hannover   |                     |                            | X                                   |   |                               |                    |   |
| Unternehmerverbände Niedersachsen e.V.<br>Schiffgraben 36, D-30175 Hannover  |                     | X                          |                                     |   |                               |                    |   |
| Niedersächsisches Landesamt für Ökologie<br>An der Scharlake 39, D-31135 Hildesheim                                  |                     |                            | X                                   | X   |                               |                    |   |
| Industrie- und Handelskammer Braunschweig<br>Brabandstr. 11, D-38100 Braunschweig                                    |                     | X                          |                                     |   |                               |                    |   |
| Technische Universität Braunschweig<br>Pockelstr. 14, D-38106 Braunschweig   |                     |                            | X                                   |   |                               |                    |   |
| Clausthaler Umwelttechnik Institut GmbH<br>Leibnitzstraße 23, D-38678 Clausthal-Zellerfeld                           |                     |                            | X                                   |   |                               |                    |   |
| Technische Universität Clausthal<br>Adolf Roemer Str. 2 A, D-38678 Clausthal-Zellerfeld                              |                     |                            | X                                   |   |                               |                    |   |
| Gesellschaft für betriebliche Beratung und Betreuung<br>mbH<br>Erkratherstr. 141, D-40233 Düsseldorf                 | X                   |                            |                                     |   |                               |                    |   |
| Prenvi GmbH<br>Hagedornstr. 22, D-40721 Hilden   | X                   |                            |                                     |   |                               |                    |   |
| RWTÜV Fahrzeug GmbH<br>Akademie für Verkehrstechnik<br>Hansastr. 37-41, D-44866 Bochum                               | X                   |                            | X                                   |   |                               |                    |   |
| Haus der Technik e.V.<br>Hollestr. 1, D-45127 Essen  | X                   | X                          |                                     |   |                               |                    |   |
| WMD Waste Management Deutschland Holding GmbH<br>Im Teelbruch 134 b, D-45219 Essen                                   | X                   |                            | X                                   |   |                               |                    |   |
| Bildungstentrum für die Entsorgungs- und<br>Wasserwirtschaft GmbH<br>Dr.-Carsten-Rohwedder-Str. 70, D-47228 Duisburg | X                   | X                          |                                     |   |                               |                    |   |
| Industrie- und Handelskammer Osnabrück-Emsland,<br>Neuer Graben 38, D-49074 Osnabrück                                |                     | X                          |                                     |   |                               |                    |   |

| NAME AND ADDRESS OF INSTITUTION   | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|---|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|   | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b>Germany (continued)</b>  |                     |                            |                                     |   |                               |                    |   |
| Industrie- und Handelskammer Aachen<br>Theaterstr. 6-10, D-52062 Aachen   |                     | X                          |                                     |   |                               |                    |   |
| RWTH Aachen<br>Aachen   |                     | X                          | X                                   |   |                               |                    |   |
| Industrie- und Handelskammer Köln<br>Köln   |                     | X                          |                                     |   |                               |                    |   |
| Universität Kaiserslautern<br>Erwin Schrödinger Strasse, D-67663 Kaiserslautern                                 |                     |                            | X                                   |   |                               |                    |   |
| Bildungszentrum und Unternehmensb. für Abfall und<br>Gefahrgut<br>Dr. Thomczyk<br>Darriwald 7, D-79108 Freiburg |                     | X                          |                                     |   |                               |                    |   |
| Gesellschaft zur entsorgung von Sondermüll in Bayern<br>(GSB GmbH)<br>Winzerrerstrasse 97d, D-807907 München    |                     | X                          |                                     |   |                               |                    |   |
| Bayrisches Landesamt für Umweltschutz<br>Rosenkavalierplatz 3, D-81925 München                                  |                     | X                          |                                     |   |                               |                    |   |
| Sonderabfallentsorgung Franken GmbH<br>(SEF GmbH)<br>Siemensstrasse 3-5, D-91124 Schwabach                      |                     | X                          |                                     |   |                               |                    |   |
| Industrie- und Handelskammer Südthüringen<br>Hauptatr. 33, D-98529 Suhl-Mäbendorf                               |                     | X                          | X                                   |   |                               |                    |   |
| Industrie- und Handelskammer Erfurt<br>Weimarische Str. 45, D-99099 Erfurt                                      |                     | X                          | X                                   |   |                               |                    |   |
| <b>Remarks:</b> Incomplete listing  |                     |                            |                                     |   |                               |                    |   |

| NAME AND ADDRESS OF INSTITUTION  | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|--|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|  | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b>Iceland</b>   |                     |                            |                                     |   |                               |                    |   |
| Environmental and Food Agency of Iceland<br>Ármúla 1a, IS-128 Reykjavík  | X                   | X                          | X                                   | X   | X                             | X                  | X   |
| SORPA<br>Gufunes, IS-132 Reykjavík   |                     | X                          |                                     |   |                               |                    |   |
| <b>Indonesia</b>   |                     |                            |                                     |   |                               |                    |   |
| JICA'S Training (-/3)  |                     | X                          |                                     |   | X                             | X                  |   |
| PCI Australia at Jakarta (40/4)  |                     | X                          | X                                   | X   | X                             |                    |   |
| CRI (Chulabhorn Research Institute) Bangkok, Thailand (-/2)  |                     |                            | X                                   |   |                               |                    |   |
| USAID (20/2)   |                     | X                          |                                     |   |                               |                    |   |
| <b>Japan</b>   |                     |                            |                                     |   |                               |                    |   |
| Office of Marine Environment & Waste Management<br>Environment Agency  | X                   |                            |                                     |   |                               |                    |   |
| <b>Latvia</b>  |                     |                            |                                     |   |                               |                    |   |
| Centre for Environmental Science and Management<br>Studies, University of Latvia<br>Raina Blvd. 19, Riga, Latvia |                     |                            | X                                   |   | X                             |                    |   |
| Latvian Waste Management Association<br>21, Aizkraukes str., Riga, Latvia  |                     | X                          | X                                   | X   |                               |                    |   |
| <b>Mauritius</b>   |                     |                            |                                     |   |                               |                    |   |
| None.  |                     |                            |                                     |   |                               |                    |   |
| <b>Morocco</b>   |                     |                            |                                     |   |                               |                    |   |
| Nil.   |                     |                            |                                     |   |                               |                    |   |

| NAME AND ADDRESS OF INSTITUTION  | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|--|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
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| <p><b>Niger</b></p> <p>No demand has been addressed to institutions. Before Niger became a Party to the Convention, the country had requested the Secretariat of the Convention for assistance concerning questions in relation with Article 16, paragraph 1(g) and 1(i), in particular. This request will be renewed in 1999 in the frame of the activities of the Centre of training and technology transfer in Dakar for the French speaking countries. This request will be restricted to the area of management of biomedical and expired pharmaceutical wastes</p> |                     |                            |                                     |   |                               |                    |   |
| <p><b>Oman</b></p> <p>Nil.</p>   |                     |                            |                                     |   |                               |                    |   |
| <p><b>Republic of Korea</b></p> <p>National Institute of Environmental Research<br/>613-2, bulkwangdong, Seoul, Korea<br/>tel: (822) 389-6711<br/>fax: (822)358-2961</p>   |                     |                            |                                     |   |                               |                    |   |
| <p><b>Russian Federation</b></p> <p>International Training Courses on Information Systems in Hazardous Waste Treatment<br/>01-05.12.97, Slovakia</p>   |                     | X                          |                                     |   |                               |                    |   |
| <p><b>Saint Lucia</b></p> <p>Minimal technical assistance is available locally from the Caribbean Environmental Health Institute (CEHI) and regionally from the Caribbean Industrial Research Institute (CARIRI).</p>  |                     |                            |                                     |   |                               |                    |   |
| <p><b>Slovakia</b></p> <p>RTC</p>  | X                   | X                          | X                                   |   | X                             | X                  | X   |
| <p><b>Slovenia</b></p> <p>N.a.</p>   |                     |                            |                                     |   |                               |                    |   |
| <p><b>Sri Lanka</b></p> <p>The following institutions can act as catalysts</p>   |                     |                            |                                     |   |                               |                    |   |
| <p>1) Industrial Technological Institute (Former CISIR)<br/>Bauddhaloka Mawatha, Colombo 07, Sri Lanka</p>   |                     | X                          | X                                   |   | X                             |                    |   |

| NAME AND ADDRESS OF INSTITUTION   | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|---|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|   | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b>Sri Lanka (continued)</b><br><br>2) Universities<br>University of Colombo, Colombo 03, Sri Lanka<br>University of Moratuwa, Moratuwa, Sri Lanka<br>University of Peradeniya, Sri Lanka   |                     | X                          | X                                   |   | X                             |                    |   |
| <b>Tunisia</b><br><br>None.   |                     |                            |                                     |   |                               |                    |   |
| <b>Turkey</b><br><br>None.  |                     |                            |                                     |   |                               |                    |   |
| <b>United Kingdom</b><br><br>Waste Management, Industry, Training and Advisory Board (WAMITAB)<br>PO Box 176, Northampton NN1 1SB<br>Every waste management facility must have personnel trained to the appropriate level of competence with a certificate of technical competence. |                     | X                          | X                                   | X   | X                             | X                  |   |
| Environment Services Association (ESA)<br>154 Buckingham Palace Road<br>London SW1W 9TR<br>ESA has a wide range of training courses   |                     | X                          | X                                   | X   | X                             | X                  |   |
| Institute of Waste Management (IWM)<br>9 Saxon Court<br>St Peters Gardens<br>Northampton NN1 1SX<br>IWM has a wide range of courses   |                     | X                          | X                                   | X   | X                             | X                  |   |
| Environment Agency<br>TFS National Service<br>Mirwell, Carrington Lane<br>Sale Manchester, M33 5NL<br>The EA provides technical guidance on waste management (WMP's) etc.   |                     |                            | X                                   | X   | X                             |                    |   |

| NAME AND ADDRESS OF INSTITUTION   | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|---|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|   | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b>Uzbekistan</b><br><br>State Committee for Nature Protection of the Republic of Uzbekistan<br>5-a A.Kodiri St., Tashkent, 700128, Uzbekistan<br>Number of participants: 350<br>3 scientific practical conferences |                     |                            |                                     |   |                               |                    |   |

| NAME AND ADDRESS OF INSTITUTION   | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|---|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|   | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b><u>AVAILABLE TECHNICAL AND SCIENTIFIC KNOW-HOW</u></b>   |                     |                            |                                     |   |                               |                    |   |
| <b>Belgium</b>  |                     |                            |                                     |   |                               |                    |   |
| OVAM, Kan. De Deckerstraat 22-26, B-2500 Mechelen<br>Courses were offered on a regular basis  | Yes                 | Yes                        | Yes                                 | Yes   | Yes                           | Yes                | Yes   |
| VITO, Boeretang 200, B-2400 Mol<br>No courses were offered  | Yes                 | No                         | Yes                                 | No  | No                            | No                 | No  |
| <b>Brazil</b>   |                     |                            |                                     |   |                               |                    |   |
| Instituto de Pesquisas Tecnológicas – IPT<br>Av. Armando Salles, Cidade Universitária,<br>São Paulo/SP – CEP 05.508-991   |                     |                            | X                                   |   |                               |                    |   |
| Universidade de São Paulo – USP<br>(same address as above)  |                     |                            | X                                   |   |                               |                    |   |
| Universidade de Campinas – UNICAMP<br>Pátio da Reitoria Universitária, Barão Geraldo<br>Campinas/SP – CEP 13.081-970  |                     |                            | X                                   |   |                               |                    |   |
| Universidade Federal do Estado do Rio Janeiro – UFRJ<br>Cidade Universitária – Ilha do Fundão<br>Rio de Janeiro/RJ – CEP 21.944-970   |                     |                            | X                                   |   |                               |                    |   |
| <b>Bulgaria</b>   |                     |                            |                                     |   |                               |                    |   |
| None.   |                     |                            |                                     |   |                               |                    |   |
| <b>Burundi</b>  |                     |                            |                                     |   |                               |                    |   |
| Ministère de l'Aménagement du Territoire et de<br>l'Environnement au Burundi<br>B.P. 631 Bujumbura<br><br>Burundi has available technical and scientific know-how<br>from the Conference which was organized by the Basel<br>Convention |                     |                            |                                     |   |                               |                    |   |

| NAME AND ADDRESS OF INSTITUTION   | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|---|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|   | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b>Canada</b><br>Chief, Transboundary Movement Division<br>Toxic Pollution Prevention Directorate<br>Environment Canada<br>351 St. Joseph Blvd., 12 <sup>th</sup> floor, Hull, Quebec K1A OH3<br>Tel: (819) 953-1390<br>Fax: (819) 997-3068   | X                   |                            |                                     |   |                               |                    | X   |
| Canadian Environmental Industry Association<br>Phase 11, #204<br>6 Antares Drive, Nepean, Ontario Canada  |                     | X                          | X                                   |   |                               |                    |   |
| <i>Directory of Contaminated Sites Services, which presents a profile of firms in Canada that provide services associated with the assessment and remediation of contaminated sites.</i><br>Chief, Contaminated Sites Division<br>Environmental Technologies Advancement Directorate<br>Environment Canada<br>351 St. Joseph., 12 <sup>th</sup> floor, Hull, Quebec K1A OH3 |                     |                            | X                                   | X   |                               |                    |   |
| Association of Consulting Engineers of Canada<br>130 Albert St., Suite 616,<br>Ottawa, Ontario, Canada K1P 5G4  |                     | X                          | X                                   |   |                               |                    |   |
| Association of Municipal Recycling Coordinators<br>25 Douglas St., Guelph, Ontario, Canada N1H 2S7  |                     |                            | X                                   | X   |                               |                    |   |
| STOP<br>716, rue St-Ferdinand<br>Montreal, Quebec Canada H4C 2T2  |                     | X                          | X                                   |   |                               |                    |   |
| Chief, Emergency Sciences Division<br>Environmental Technology Advancement Directorate<br>Environmental Technology Centre<br>Environment Canada<br>3439 River Road,<br>Gloucester, Ontario, Canada K1A OH3  |                     |                            | X                                   |   | X                             | X                  |   |
| Wastewater Technology Centre<br>867 Lakeshore Road, P.O. Box 5068,<br>Burlington, Ontario, Canada L7R 4L7   |                     | X                          | X                                   | X   | X                             |                    |   |

| NAME AND ADDRESS OF INSTITUTION  | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|--|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|  | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b>Canada (continued)</b><br><br><i>“Directory of Hazardous Waste Services” available from:</i><br>Southam Information and Technology Group<br>1450 Don Mills Road,<br>Don Mills, Ontario Canada M3B 2X7 |                     | X                          | X                                   |   |                               |                    |   |
| <i>“Canadian Environmental Directory 1998/99” available from:</i><br>Publisher: IHS/Micromedia<br>ISSN 1187-1202 or on CD-ROM format ISSN 1480-95-32   | X                   | X                          |                                     |   |                               |                    |   |
| <b>Comoros</b>   |                     |                            |                                     |   |                               |                    |   |
| None.  |                     |                            |                                     |   |                               |                    |   |
| <b>Cyprus</b>  |                     |                            |                                     |   |                               |                    |   |
| Not applicable.  |                     |                            |                                     |   |                               |                    |   |
| <b>Denmark</b><br><br>Danish EPA, Strandgade 29, 1401 Copenhagen, Denmark<br>Help is granted on ad hoc basis   | X                   | X                          | X                                   |   | X                             | X                  | X   |
| <b>Egypt</b><br><br>Cairo University   |                     |                            | X                                   | X   | X                             |                    |   |
| National Research Center   |                     |                            | X                                   |   | X                             |                    |   |
| Environmental Affairs Agency   | X                   | X                          |                                     | X   | X                             | X                  | X   |
| Ain Shams University   |                     |                            | X                                   | X   | X                             |                    |   |
| Alexandria University  |                     |                            | X                                   | X   | X                             |                    |   |
| Mansoura University  |                     |                            | X                                   | X   | X                             |                    |   |
| Tanta University   |                     |                            | X                                   | X   | X                             |                    |   |
| Suez Canal Authority   | X                   |                            |                                     |   |                               | X                  |   |

| NAME AND ADDRESS OF INSTITUTION   | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|---|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|   | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b>Germany</b>  |                     |                            |                                     |   |                               |                    |   |
| Thüringer Landesanstalt für Umwelt<br>Drüssingstrasse 25, D-07745 Gera  |                     |                            | X                                   |   |                               |                    |   |
| Landesumweltamt Brandenburg<br>Abteilung Abfallwirtschaft, Altlasten und Bodenschutz<br>Ref. A2<br>Berliner Str. 21-25, D-14473 Potsdam | X                   |                            |                                     |   |                               |                    |   |
| Sonderabfallgesellschaft Brandenburg Berlin mbH<br>Behlerstraße 25, D- Potsdam  |                     | X                          |                                     | X   |                               |                    |   |
| Landesamt für Umwelt und Natur Mecklenburg<br>Vorpommern<br>Boldbacher Weg 3, D-18276 Gülzow  | X                   |                            | X                                   | X   | X                             |                    |   |
| Bergamt Bad Hersfeld<br>Hubertusweg 19, D-36251 Bad Hersfeld  | X                   |                            |                                     |   | X                             | X                  | X   |
| Landesumweltamt Nordrhein-Westfalen<br>Postfach 102363, D-45023 Essen   |                     | X                          | X                                   | X   |                               |                    |   |
| Landesamt für Umweltschutz und Gewerbeaufsicht<br>Rheinallee 97-101<br>D-55118 Mainz  |                     | X                          | X                                   | X   |                               |                    | X   |
| SAM<br>Wilhelm Theodor Räuheld Str. 34<br>D-55130 Mainz   |                     |                            |                                     |   |                               |                    |   |
| Regierungspräsidium Darmstadt<br>Abt. Staatliches Umweltamt Darmstadt<br>Wilhelminenstrasse 1-3, D-64278 Darmstadt                      | X                   | X                          | X                                   |   | X                             | X                  | X   |
| Regierungspräsidium Kassel<br>Abt. Staatliches Umweltamt Bad Hersfeld<br>Dezernat Bergaufsicht<br>Postfach 1861, D-36228 Bad Hersfeld   | X                   |                            |                                     |   | X                             | X                  | X   |
| Landesanstalt für Umweltschutz Baden-Württemberg<br>Griesbachstr. 1, D-76185 Karlsruhe  |                     | X                          | X                                   | X   | X                             | X                  |   |
| Bayrisches Landesamt für Umweltschutz<br>Rosenkavalierplatz 3, D-81925 München  |                     | X                          |                                     | X   | X                             |                    |   |

| NAME AND ADDRESS OF INSTITUTION   | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|---|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|   | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b>Germany (continued)</b><br>Thüringer Sonderabfallgesellschaft mbH<br>Auf der Waidmühle 10, D-99102 Erfurt-Waltersleben |                     | X                          |                                     | X   | X                             | X                  |   |
| <b>Iceland</b><br>Environmental and Food Agency of Iceland<br>Ármúla 1a, IS-128 Reykjavík                                 | X                   | X                          | X                                   | X   | X                             | X                  | X   |
| Reykjavík Fire Brigade<br>Skógarhlíð 14, IS-101 Reykjavík   |                     |                            |                                     |   |                               | X                  |   |
| SORPA<br>Gufunes, IS-132 Reykjavík  |                     | X                          |                                     |   |                               |                    |   |
| <b>Japan</b><br>None.   |                     |                            |                                     |   |                               |                    |   |
| <b>Mauritius</b><br>Department of Environment<br>Customs Department<br>Port Authority and Coast Guard                     |                     |                            |                                     |   |                               |                    |   |
| <b>Morocco</b><br>Nil.  |                     |                            |                                     |   |                               |                    |   |
| <b>Oman</b><br>Nil.   |                     |                            |                                     |   |                               |                    |   |
| <b>Russian Federation</b><br>No data.   |                     |                            |                                     |   |                               |                    |   |

| NAME AND ADDRESS OF INSTITUTION   | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|---|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|   | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b>Saint Lucia</b><br><br>Caribbean Environmental Health Institute<br>P.O.Box 1111, Castries, Saint Lucia<br>Tel: (758) 452-1412, 2501<br>Fax: (758) 453-2721<br>E-mail: <a href="mailto:cehi@candw.lc">cehi@candw.lc</a><br>This institution develops and executes programs to provide technical and advisory services to CARICOM member states in environmental management. |                     | X                          | X                                   | X   | X                             | X                  |   |
| Saint Lucia Solid Waste Management Authority<br>P.O.Box 709, Castries, Saint Lucia<br>Tel: (758)453-2208<br>E-mail: <a href="mailto:sluswma@candw.lc">sluswma@candw.lc</a><br><br>This statutory body has the legislative responsibility for the management of hazardous waste  | X                   | X                          | X                                   | X   | X                             | X                  | X   |
| <b>Slovakia</b><br><br>SEA CWM Bratislava<br>STU (Slovak Technical University)<br>Industrial private sector   | X                   | X                          | X                                   |   |                               | X                  |   |
| <b>Slovenia</b><br><br>N.a.   |                     |                            |                                     |   |                               |                    |   |
| <b>Tunisia</b><br><br>None.   |                     |                            |                                     |   |                               |                    |   |
| <b>Turkey</b><br><br>None.  |                     |                            |                                     |   |                               |                    |   |

| NAME AND ADDRESS OF INSTITUTION  | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|--|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|  | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b>United Kingdom</b><br><br>Environment Agency<br>TFS National Service<br>Mirwell<br>Carrington Lane, Sale Manchester, M33 5NL<br><br>The EA provides technical guidance on waste management (WMP's) etc. |                     | X                          | X                                   | X   |                               | X                  | X   |
| Waste Management Information Bureau (WMIB)<br>F6 Culham, Oxfordshire , OX14 3DB  |                     | X                          | X                                   |   |                               |                    |   |
| National Chemical Emergency Centre (NCEC)<br>F6 Culham Laboratory, Abingdon, OX14 3BB  |                     |                            |                                     |   |                               | X                  |   |
| <b>Uzbekistan</b><br><br>No information.   |                     |                            |                                     |   |                               |                    |   |

| NAME AND ADDRESS OF INSTITUTION   | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|---|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|   | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b><u>SOURCES OF TECHNICAL ADVICE AND EXPERTISE</u></b>   |                     |                            |                                     |   |                               |                    |   |
| <b>Belgium</b>  |                     |                            |                                     |   |                               |                    |   |
| OVAM, Kan. De Deckerstraat 22-26, B-2500 Mechelen<br>Courses were offered on a regular basis  | Yes                 | Yes                        | Yes                                 | Yes   | Yes                           | Yes                | Yes   |
| VITO, Boeretang 200, B-2400 Mol<br>No courses were offered  | Yes                 | No                         | Yes                                 | No  | No                            | No                 | No  |
| <b>Brazil</b>   |                     |                            |                                     |   |                               |                    |   |
| - Companhia de Tecnologia de Saneamento Ambiental – CETESB<br>Av. Prof. Frederico Herman Jr. 345, Altos de Pinheiros, São Paulo/SP CEP 05489-900    | X                   | X                          | X                                   | X   | X                             | X                  |   |
| - Fundação Estadual de Engenharia do Meio Ambiente – FEEMA<br>Rua Fonseca Telesm 121, 15º andar, São Cristovão – Rio de Janeiro/RJ – CEP 20.940-200 | X                   | X                          | X                                   | X   | X                             | X                  |   |
| - Instituto de Pesquisas Tecnológicas – IPT<br>Av. Armando Salles, Cidade Universitária, São Paulo/SP – CEP 05.508-991                              | X                   | X                          | X                                   | X   | X                             | N.A.               |   |
| - Universidade de São Paulo – USP<br>(same adress as above)   | N.A.                | X                          | X                                   | X   | X                             | N.A.               |   |
| <b>Bulgaria</b>   |                     |                            |                                     |   |                               |                    |   |
| None.   |                     |                            |                                     |   |                               |                    |   |
| <b>Burundi</b>  |                     |                            |                                     |   |                               |                    |   |
| The sources of technical advice and expertise for the Ministry of Environment in Burundi are retrieve in the Basel Convention by the focal point.   |                     |                            |                                     |   |                               |                    |   |

| NAME AND ADDRESS OF INSTITUTION   | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|---|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|   | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b>Canada</b><br>Chief, Transboundary Movement Division<br>Toxic Pollution Prevention Directorate<br>Environment Canada<br>351 St. Joseph Blvd., 12 <sup>th</sup> floor<br>Hull, Quebec K1A OH3<br>Tel: (819) 953-1390<br>Fax: (819) 997-3068   | X                   |                            |                                     |   |                               |                    |   |
| Canadian Environmental Industry Association<br>Phase 11, #204<br>6 Antares Drive, Nepean, Ontario Canada  |                     | X                          | X                                   |   |                               |                    |   |
| <i>Directory of Contaminated Sites Services, which presents a profile of firms in Canada that provide services associated with the associated with the assessment and remediation of contaminated sites.</i><br>Chief, Contaminated Sites Division<br>Environmental Technologies Advancement Directorate<br>Environment Canada<br>351 St. Joseph., 12 <sup>th</sup> floor<br>Hull, Quebec K1A OH3 |                     |                            | X                                   | X   |                               |                    |   |
| Association of Consulting Engineers of Canada<br>130 Albert St., Suite 616,<br>Ottawa, Ontario, Canada K1P 5G4  |                     | X                          | X                                   |   |                               |                    |   |
| Association of Municipal Recycling Coordinators<br>25 Douglas St., Guelph, Ontario, Canada N1H 2S7  |                     |                            | X                                   | X   |                               |                    |   |
| STOP<br>716, rue St-Ferdinand<br>Montreal, Quebec Canada H4C 2T2  |                     | X                          | X                                   |   |                               |                    |   |
| Chief, Emergency Sciences Division<br>Environmental Technology Advancement Directorate<br>Environmental Technology Centre<br>Environment Canada<br>3439 River Road,<br>Gloucester, Ontario, Canada K1A OH3  |                     |                            | X                                   |   | X                             | X                  |   |

| NAME AND ADDRESS OF INSTITUTION   | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|---|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|   | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b>Canada (continued)</b>   |                     |                            |                                     |   |                               |                    |   |
| Wastewater Technology Centre<br>867 Lakeshore Road, P.O. Box 5068,<br>Burlington, Ontario, Canada L7R 4L7   |                     | X                          | X                                   | X   | X                             |                    |   |
| <i>“Directory of Hazardous Waste Services” available from:</i><br>Southam Information and Technology Group<br>1450 Don Mills Road,<br>Don Mills, Ontario Canada M3B 2X7 |                     | X                          | X                                   |   |                               |                    |   |
| <i>“Canadian Environmental Directory 1998/99” available from:</i><br>Publisher: IHS/Micromedia<br>ISSN 1187-1202 or on CD-ROM format<br>ISSN 1480-95-32                 |                     | X                          | X                                   |   |                               |                    |   |
| <b>Comoros</b>  |                     |                            |                                     |   |                               |                    |   |
| None.   |                     |                            |                                     |   |                               |                    |   |
| <b>Denmark</b>  |                     |                            |                                     |   |                               |                    |   |
| Danish EPA, Strandgade 29, 1401 Copenhagen, Denmark<br>Help is granted on ad hoc basis  | X                   | X                          | X                                   |   | X                             | X                  | X   |
| Municipalities<br>Help is granted on ad hoc basis   |                     |                            |                                     | X   | X                             | X                  | X   |
| <b>Germany</b>  |                     |                            |                                     |   |                               |                    |   |
| Federal Environmental Agency<br>Focal Point Basel Convention<br>Postfach 330022, D-14191 Berlin   | X                   |                            | X                                   |   |                               |                    | X   |
| Regierungspräsidium Dresden<br>Postfach 100653, D-01076 Dresden   | X                   |                            |                                     |   |                               |                    | X   |
| Regierungspräsidium Halle<br>Postfach 20 02 56, D-06003 Halle   | X                   |                            |                                     |   |                               |                    | X   |
| Bergamt Halle<br>Richard-Wagner-Str. 56, D-06114 Halle/Saale  | X                   |                            |                                     |   |                               |                    | X   |

| NAME AND ADDRESS OF INSTITUTION   | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|---|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|   | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b>Germany (continued)</b>  |                     |                            |                                     |   |                               |                    |   |
| Regierungspräsidium Dessau<br>Postfach 1205, D-06839 Dessau   | X                   |                            |                                     |   |                               |                    | X   |
| Senatsverwaltung für Stadtentwicklung, Umweltschutz und Technologie, V D 3 -<br>Brückenstr. 6 (Jannowitz-Center), D-10173 Berlin            | X                   |                            |                                     |   |                               |                    | X   |
| Landesumweltamt Brandenburg (LUA), Abt. Abfallwirtschaft, Altlasten, Bodenschutz, Referat A2<br>Postfach 60 10 61, D-14410 Potsdam          | X                   |                            |                                     |   |                               |                    | X   |
| Staatliches Amt für Umwelt und Natur Ueckermünde<br>Kastanienallee 13, D-17373 Ueckermünde  | X                   |                            |                                     |   |                               |                    | X   |
| Staatliches Amt für Umwelt und Natur Neubrandenburg<br>Abt. Abfallwirtschaft<br>Helmut-Just-Str. 8, D-17036 Neubrandenburg                  | X                   |                            |                                     |   |                               |                    | X   |
| Staatliches Amt für Umwelt und Natur Rostock<br>Abt. Abfallwirtschaft<br>Postfach 16 12 51, D-18025 Rostock                                 | X                   |                            |                                     |   |                               |                    | X   |
| Staatliches Amt für Umwelt und Natur Stralsund<br>Abt. Abfallwirtschaft und Altlasten<br>Badenstraße 18, D-18439 Stralsund                  | X                   |                            |                                     |   |                               |                    | X   |
| Staatliches Amt für Umwelt und Natur Schwerin<br>Pampower Str. 66/68, D-19061 Schwerin  | X                   |                            |                                     |   |                               |                    | X   |
| Staatliches Amt für Umwelt und Natur Lüz<br>Postfach 36, D-19381 Lüz  | X                   |                            |                                     |   |                               |                    | X   |
| Umweltbehörde Hamburg, Amt für Umweltschutz, -<br>Abfallwirtschaft, Postfach 26 11 51, D-20501 Hamburg                                      | X                   |                            |                                     |   |                               |                    | X   |
| Landesamt für Natur und Umwelt des Landes<br>Schleswig-Holstein, Abt. Abfall/Immissionen,<br>Hamburger Chaussee 25, D-24220 Flintbek        | X                   |                            | X                                   | X   |                               |                    | X   |
| Gesellschaft für die Organisation der Entsorgung von<br>Sonderabfällen (GOES) mbH, Saalestraße 8,<br>D-24539 Neumünster                     |                     | X                          | X                                   | X   | X                             |                    |   |
| Der Senator für Frauen, Gesundheit, Jugend, Soziales und<br>Umweltschutz, Bereich Umweltschutz und Frauen<br>Hanseatenhof 5, D-28195 Bremen | X                   |                            |                                     |   |                               |                    | X   |

| NAME AND ADDRESS OF INSTITUTION  | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|--|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|  | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b>Germany (continued)</b>   |                     |                            |                                     |   |                               |                    |   |
| Niedersächsische Gesellschaft zur Endablagerung von Sonderabfall<br>Alexanderstraße 4/5, D-30044 Hannover          | X                   | X                          | X                                   | X   | X                             | X                  | X   |
| Bezirksregierung Detmold<br>D-32754 Detmold  | X                   | X                          |                                     | X   | X                             |                    | X   |
| Regierungspräsidium Kassel<br>Steinweg 6, D-34117 Kassel   | X                   |                            |                                     |   | X                             | X                  | X   |
| Regierungspräsidium Gießen<br>Landgraf-Philipp-Platz 1, D-35390 Gießen   | X                   |                            |                                     |   |                               |                    | X   |
| Bergamt Bad Hersfeld<br>Hubertusweg 19, D-36251 Bad Hersfeld   | X                   |                            |                                     |   | X                             | X                  | X   |
| Bergamt Staßfurt<br>Staßfurter Str. 6d/1, D-39418 Staßfurt   | X                   |                            |                                     |   |                               |                    | X   |
| Regierungspräsidium Magdeburg<br>Olvensteder Str. 1-2, D-39108 Magdeburg   | X                   |                            |                                     |   |                               |                    | X   |
| Bezirksregierung Düsseldorf<br>Postfach 300865, D-40408 Düsseldorf   | X                   | X                          |                                     | X   | X                             |                    | X   |
| Bezirksregierung Münster<br>Domplatz 1 – 3, D-48128 Münster  | X                   | X                          |                                     | X   | X                             |                    | X   |
| Bezirksregierung Köln<br>D-50606 Köln  | X                   | X                          |                                     | X   | X                             |                    | X   |
| SAM GmbH Sonderabfall-Management-Gesellschaft mbH<br>Wilhelm-Theodor-Römheld-Str. 34, D-55130 Mainz                | X                   | X                          | X                                   | X   | X                             |                    | X   |
| Bezirksregierung Arnsberg<br>Postfach, D-59817 Arnsberg  | X                   | X                          |                                     | X   | X                             |                    | X   |
| Regierungspräsidium Darmstadt<br>Abt. Staatliches Umweltamt Darmstadt<br>Wilhelminenstrasse 1-3, D-64278 Darmstadt | X                   | X                          | X                                   | X   | X                             | X                  | X   |
| Landesamt für Umweltschutz (LfU)<br>Postfach 10 24 61, D-66024 Saarbrücken   | X                   |                            |                                     |   |                               |                    | X   |
| Regierungspräsidium Stuttgart<br>Postfach 80 07 09, D-70507 Stuttgart  | X                   | X                          |                                     |   | X                             |                    | X   |
| Regierungspräsidium Tübingen<br>Postfach 2666, D-72016 Tübingen  | X                   | X                          |                                     |   | X                             |                    | X   |

| NAME AND ADDRESS OF INSTITUTION   | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |  |
|---|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|--|
|   | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identification of cases of illegal traffic |
| <b>Germany (continued)</b>  |                     |                            |                                     |   |                               |                    |  |
| Regierungspräsidium Karlsruhe<br>Postfach 53 43, D-76035 Karlsruhe                          | X                   | X                          |                                     |   | X                             |                    | X  |
| Regierungspräsidium Freiburg<br>Bertoldstr. 43, D-79083 Freiburg i.Br.                      | X                   | X                          |                                     |   | X                             |                    | X  |
| Regierung von Oberbayern<br>D-80534 München   | X                   |                            |                                     |   |                               |                    | X  |
| Regierung von Niederbayern<br>Postfach, D-84023 Landshut                                    | X                   |                            |                                     |   |                               |                    | X  |
| Regierung von Schwaben<br>Postfach, D-86145 Augsburg  | X                   |                            |                                     |   |                               |                    | X  |
| Regierung von Mittelfranken<br>Postfach 606, D-91511 Ansbach                                | X                   |                            |                                     |   |                               |                    | X  |
| Regierung der Oberpfalz<br>D-93039 Regensburg   | X                   |                            |                                     |   |                               |                    | X  |
| Regierung von Oberfranken<br>Postfach 11 01 65, D-95420 Bayreuth                            | X                   |                            |                                     |   |                               |                    | X  |
| Regierung von Unterfranken<br>Postfach 6349, D-97013 Würzburg                               | X                   |                            |                                     |   |                               |                    | X  |
| Thüringer Sonderabfallgesellschaft mbH<br>Auf der Waidmühle 10, D-99102 Erfurt-Waltersleben |                     | X                          |                                     | X   |                               | X                  |  |
| Thüringer Landesverwaltungsamt (TLVwA)<br>Postfach 2249, D-99403 Weimar                     | X                   |                            |                                     |   |                               |                    | X  |
| <b>Remarks:</b> Technical advice and expertise available on request; no courses offered.    |                     |                            |                                     |   |                               |                    |  |
| <b>Iceland</b>  |                     |                            |                                     |   |                               |                    |  |
| Environmental and Food Agency of Iceland<br>Ármúla 1a, IS-128 Reykjavík                     | X                   | X                          | X                                   | X   | X                             | X                  | X  |
| SORPA<br>Gufunes, IS-132 Reykjavík  |                     | X                          |                                     |   |                               |                    |  |

| NAME AND ADDRESS OF INSTITUTION   | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|---|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|   | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b>Japan</b>  |                     |                            |                                     |   |                               |                    |   |
| None.   |                     |                            |                                     |   |                               |                    |   |
| <b>Latvia</b>   |                     |                            |                                     |   |                               |                    |   |
| Joint Stock Company “BAO”<br>Grelinieku Iela 9, Riga, Latvia                                    | X                   | X                          |                                     | X   | X                             |                    |   |
| Latvian Waste Management Association<br>Aizkralikles str. 21, Riga, Latvia                      |                     |                            | X                                   | X   |                               |                    |   |
| <b>Morocco</b>  |                     |                            |                                     |   |                               |                    |   |
| Nil.  |                     |                            |                                     |   |                               |                    |   |
| <b>Oman</b>   |                     |                            |                                     |   |                               |                    |   |
| None.   |                     |                            |                                     |   |                               |                    |   |
| <b>Portugal</b>   |                     |                            |                                     |   |                               |                    |   |
| Instituto dos Resíduos<br>Avenida Almirante Gago Coutinho, 30, 1000 Lisboa                      |                     |                            |                                     |   |                               |                    |   |
| Direção Regional do Ambiente Norte<br>Rua Formosa, 254, 4000 Porto                              |                     |                            |                                     |   |                               |                    |   |
| Direção Regional do Ambiente Centro<br>Rua Padre Estevão Cabral, 72, 3000 Coimbra               |                     |                            |                                     |   |                               |                    |   |
| Direção Regional do Ambiente de Lisboa e Vale do Tejo<br>Rua Antero de Quental, 44, 1000 Lisboa |                     |                            |                                     |   |                               |                    |   |
| Direção Regional do Ambiente Alentejo<br>Rua do Eborim, 18, 7000 Évora                          |                     |                            |                                     |   |                               |                    |   |
| Direção Regional do Ambiente Algarve<br>Rua Cândido Guerreiro, 33, 8000 Faro                    |                     |                            |                                     |   |                               |                    |   |
| Inspeção Geral do Ambiente<br>Rua da Murgueira – Zambujal, 2720 Amadora                         |                     |                            |                                     |   |                               |                    |   |

| NAME AND ADDRESS OF INSTITUTION   | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|---|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|   | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b>Russian Federation</b>   |                     |                            |                                     |   |                               |                    |   |
| State Committee of the Russian Federation on Environmental Protection (SCPE)  | X                   | X                          | X                                   | X   | X                             | X                  | X   |
| Centre for International Projects (Sub-regional Training Centre) (CIP)  | X                   | X                          | X                                   | X   | X                             | X                  | X   |
| Centre for Preparation and Implementation of International Projects on Technical Assistance (CPPI)  | X                   | X                          | X                                   | X   | X                             |                    |   |
| Territory Committees on Environmental Protection  | X                   | X                          | X                                   | X   | X                             | X                  | X   |
| <b>Saint Lucia</b>  |                     |                            |                                     |   |                               |                    |   |
| Caribbean Environmental Health Institute<br>P.O.Box 1111, Castries, Saint Lucia<br>Tel: (758) 452-1412, 2501<br>Fax: (758) 453-2721<br>E-mail: <a href="mailto:cehi@candw.lc">cehi@candw.lc</a><br>This institution develops and executes programs to provide technical and advisory services to CARICOM member states in environmental management. |                     | X                          | X                                   | X   | X                             | X                  |   |
| Saint Lucia Solid Waste Management Authority<br>P.O.Box 709, Castries, Saint Lucia<br>Tel: (758)453-2208<br>E-mail: <a href="mailto:sluswma@candw.lc">sluswma@candw.lc</a><br><br>This statutory body has the legislative responsibility for the management of hazardous waste  | X                   | X                          | X                                   | X   | X                             | X                  | X   |
| <b>Slovakia</b>   |                     |                            |                                     |   |                               |                    |   |
| SEA, CWM Bratislava   | X                   | X                          | X                                   | X   | X                             | X                  |   |
| RTC Bratislava  | X                   | X                          | X                                   | X   | X                             | X                  | X   |
| SIŽP (Slovak Inspectorate of Environment)   | X                   | X                          |                                     |   |                               | X                  |   |
| Expert established by MŽP SR Ministry of Environment of Slovakia)   |                     | X                          | X                                   | X   |                               |                    |   |

| NAME AND ADDRESS OF INSTITUTION   | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|---|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|   | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b>Slovenia</b>   |                     |                            |                                     |   |                               |                    |   |
| N.a.  |                     |                            |                                     |   |                               |                    |   |
| <b>Tunisia</b>  |                     |                            |                                     |   |                               |                    |   |
| None.   |                     |                            |                                     |   |                               |                    |   |
| <b>Turkey</b>   |                     |                            |                                     |   |                               |                    |   |
| None.   |                     |                            |                                     |   |                               |                    |   |
| <b>United Kingdom</b>   |                     |                            |                                     |   |                               |                    |   |
| Environment Agency<br>TFS National Service<br>Mirwell<br>Carrington Lane, Sale Manchester, M33 5NL<br><br>The EA provides technical guidance on waste management (WMP's) etc. |                     | X                          | X                                   | X   |                               | X                  | X   |
| Waste Management Information Bureau (WMIB)<br>F6 Culham, Oxfordshire , OX14 3DB   |                     | X                          | X                                   |   |                               |                    |   |
| National Chemical Emergency Centre (NCEC)<br>F6 Culham Laboratory, Abingdon, OX14 3BB   |                     |                            |                                     |   |                               | X                  |   |
| <b>Uzbekistan</b>   |                     |                            |                                     |   |                               |                    |   |
| UNIDO in framework of international assistance<br>The Czech Centre of the cleanest production   |                     | X                          | X                                   |   | X                             |                    |   |

| NAME AND ADDRESS OF INSTITUTION  | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|--|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|  | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b><u>AVAILABILITY OF RESOURCES: Institutions to Contact for Financial Assistance</u></b>  |                     |                            |                                     |   |                               |                    |   |
| <b>Belgium</b>   |                     |                            |                                     |   |                               |                    |   |
| No information available.  |                     |                            |                                     |   |                               |                    |   |
| <b>Brazil</b>  |                     |                            |                                     |   |                               |                    |   |
| - Banco de Desenvolvimento Econômico e Social – BNDES<br>Setor Bancário Sul, Quadra 1 – Bloco “J” Térreo<br>Brasília/DF – CEP 70.070-100   | N.A.                | X                          | X                                   | X   | N.A                           | N.A.               |   |
| - Financiadora de Estudos e Projetos – FINEP<br>Praia do Flamengo, 200 – 13º andar – Rio de Janeiro/RJ – CEP 22.210-030  | N.A.                | X                          | X                                   | X   | N.A.                          | N.A.               |   |
| <b>Bulgaria</b>  |                     |                            |                                     |   |                               |                    |   |
| None.  |                     |                            |                                     |   |                               |                    |   |
| <b>Burundi</b>   |                     |                            |                                     |   |                               |                    |   |
| Ministère de l’Aménagement du Territoire et de l’Environnement au Burundi<br>B.P. 631 Bujumbura  |                     |                            |                                     |   |                               |                    |   |
| <b>Canada</b>  |                     |                            |                                     |   |                               |                    |   |
| Chief, Transboundary Movement Division<br>Toxic Pollution Prevention Directorate<br>Environment Canada<br>351 St. Joseph Blvd., 12 <sup>th</sup> floor<br>Hull, Quebec K1A OH3<br>Tel: (819) 953-1390<br>Fax: (819) 997-3068 | X                   |                            |                                     |   |                               |                    |   |
| Canadian Environmental Industry Association<br>Phase 11, #204<br>6 Antares Drive, Nepean, Ontario Canada   |                     | X                          | X                                   |   |                               |                    |   |

| NAME AND ADDRESS OF INSTITUTION  | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|--|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|  | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b>Canada (continued)</b><br><br><i>Directory of Contaminated Sites Services, which presents a profile of firms in Canada that provide services associated with the assessment and remediation of contaminated sites.</i><br>Chief, Contaminated Sites Division<br>Environmental Technologies Advancement Directorate<br>Environment Canada<br>351 St. Joseph., 12 <sup>th</sup> floor, Hull, Quebec K1A OH3 |                     |                            | X                                   | X   |                               |                    |   |
| Association of Consulting Engineers of Canada<br>130 Albert St., Suite 616,<br>Ottawa, Ontario, Canada K1P 5G4   |                     | X                          | X                                   |   |                               |                    |   |
| Association of Municipal Recycling Coordinators<br>25 Douglas St., Guelph, Ontario, Canada N1H 2S7   |                     |                            | X                                   | X   |                               |                    |   |
| STOP<br>716, rue St-Ferdinand<br>Montreal, Quebec Canada H4C 2T2   |                     | X                          | X                                   |   |                               |                    |   |
| Chief, Emergency Sciences Division<br>Environmental Technology Advancement Directorate<br>Environmental Technology Centre<br>Environment Canada<br>3439 River Road,<br>Gloucester, Ontario, Canada K1A OH3   |                     |                            | X                                   |   | X                             | X                  |   |
| Wastewater Technology Centre<br>867 Lakeshore Road, P.O. Box 5068,<br>Burlington, Ontario, Canada L7R 4L7  |                     | X                          | X                                   | X   | X                             |                    |   |
| <i>"Directory of Hazardous Waste Services" available from:</i><br>Southam Information and Technology Group<br>1450 Don Mills Road,<br>Don Mills, Ontario Canada M3B 2X7  |                     | X                          | X                                   |   |                               |                    |   |
| <i>"Canadian Environmental Directory 1998/99" available from: Publisher: IHS/Micromedia<br/>           ISSN 1187-1202 or on CD-ROM format<br/>           ISSN 1480-95-32</i>   |                     | X                          | X                                   |   |                               |                    |   |

| NAME AND ADDRESS OF INSTITUTION   | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|---|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|   | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b>Comoros</b>  |                     |                            |                                     |   |                               |                    |   |
| None.   |                     |                            |                                     |   |                               |                    |   |
| <b>Germany</b>  |                     |                            |                                     |   |                               |                    |   |
| Regierungspräsidium Darmstadt<br>Abt. Staatliches Umweltamt Darmstadt<br>Wilhelminenstrasse 1-3, D-64278 Darmstadt        | X                   | X                          | X                                   | X   | X                             |                    |   |
| Bezirksregierung Düsseldorf<br>Postfach 300865, D-40408 Düsseldorf  |                     |                            | X                                   |   |                               |                    |   |
| <b>Japan</b>  |                     |                            |                                     |   |                               |                    |   |
| None.   |                     |                            |                                     |   |                               |                    |   |
| <b>Latvia</b>   |                     |                            |                                     |   |                               |                    |   |
| Environmental Protection Fund of Latvia<br>Pils Iela 17, Riga, Latvia   |                     | X                          | X                                   | X   |                               | X                  |   |
| Environmental Investment Fund<br>Pils Iela 17, Riga, Latvia   |                     | X                          | X                                   | X   |                               |                    |   |
| <b>Morocco</b>  |                     |                            |                                     |   |                               |                    |   |
| Nil.  |                     |                            |                                     |   |                               |                    |   |
| <b>Oman</b>   |                     |                            |                                     |   |                               |                    |   |
| Nil.  |                     |                            |                                     |   |                               |                    |   |
| <b>Portugal</b>   |                     |                            |                                     |   |                               |                    |   |
| Gabinete do Gestor do PEDIP<br>R. Rodrigues Sampaio, 13, 1150 Lisboa  |                     |                            |                                     |   |                               |                    |   |
| Gabinete do Gestor do Programa Ambiente<br>Rua do Século, 51, 2 <sup>o</sup> , 1200 Lisboa                                |                     |                            |                                     |   |                               |                    |   |
| IAPMEI – Instituto de Apoio às Pequenas e Médias<br>Empresas e ao Investimento<br>Rua Rodrigo da Fonseca, 73, 1297 Lisboa |                     |                            |                                     |   |                               |                    |   |

| NAME AND ADDRESS OF INSTITUTION  | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|--|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|  | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b>Portugal (continued)</b><br><br>Direcção Geral do Ambiente<br>Rua da Murgueira – Zambujal, 2720 Amadora   |                     |                            |                                     |   |                               |                    |   |
| <b>Russian Federation</b>  |                     |                            |                                     |   |                               |                    |   |
| Federal Budget   | X                   | X                          | X                                   | X   | X                             | X                  | X   |
| Federal Ecological Fund  | X                   | X                          | X                                   | X   | X                             | X                  | X   |
| Regional Budgets   | X                   | X                          | X                                   | X   | X                             | X                  | X   |
| Regional Ecological Funds  | X                   | X                          | X                                   | X   | X                             | X                  | X   |
| Commercial Institutes  | X                   | X                          | X                                   | X   | X                             | X                  | X   |
| Enterprises  | X                   | X                          | X                                   | X   | X                             | X                  | X   |
| <b>Saint Lucia</b><br><br>Caribbean Environmental Health Institute<br>P.O.Box 1111, Castries, Saint Lucia<br>Tel: (758) 452-1412, 2501<br>Fax: (758) 453-2721<br>E-mail: <a href="mailto:cehi@candw.lc">cehi@candw.lc</a><br><br>This institution develops and executes programs to provide technical and advisory services to CARICOM member states in environmental management. Although it is not a funding agency, it can assist national governments in the identification of funding for national activities and training. |                     |                            |                                     |   |                               |                    |   |
| <b>Slovakia</b><br><br>State Environmental Fund  |                     | X                          | X                                   | X   |                               | X                  |   |

| NAME AND ADDRESS OF INSTITUTION     | FIELD OF ASSISTANCE |                            |                                     |   |                               |                    |   |
|-------------------------------------|---------------------|----------------------------|-------------------------------------|---|-------------------------------|--------------------|---|
|                                     | Notification System | Hazardous Waste Management | Environment ally Sound Technologies | Assessment of Disposal Capabilities and Sites | Monitoring of Hazardous Waste | Emergency Response | Identificatio n of cases of illegal traffic |
| <b>Slovenia</b><br>N.a.             |                     |                            |                                     |   |                               |                    |   |
| <b>Tunisia</b><br>None.             |                     |                            |                                     |   |                               |                    |   |
| <b>Turkey</b><br>None.              |                     |                            |                                     |   |                               |                    |   |
| <b>Uzbekistan</b><br>No information |                     |                            |                                     |   |                               |                    |   |

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**Article 16 Para. 1(j): Sources of Experts available for assistance in case of emergency**

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**Benin**

None.

**Brazil**

Petrobrás – Petróleo Brasileiro S/A, Av. República do Chile 65, Centro – CEP 20.035-900 – Rio de Janeiro/RJ (area of expertise: oil spill control)  
Fundação Estadual de Engenharia do Meio Ambiente – FEEMA, Rua Fonseca Teles 121, 15º andar, São Cristovão – CEP 20.940-200 – Rio de Janeiro/RJ

**Bulgaria**

In cases of emergency situations the primary source of equipment and technical assistance available are those of Civil Defense Directorate. They have branches in all country.

**Canada**

Three national services operated by various federal government departments in Canada may be able to provide telephone advice in cases of emergency. They are:

- CANUTEC, the Canadian Transport Emergency Centre <http://www.canutec.gc.ca/english/main-e.htm>
- Emergency Preparedness Canada <http://www.epc-pcc.gc.ca/epc/>
- National Environmental Emergencies Centre (telephone 819 997 3742)

**Cuba**

None.

**Cyprus**

Not applicable.

**Germany**

Havariendienst für Thüringen, tel: 0049 800 112 90 00

**Latvia**

State Fire Fighting and rescue service.

**Oman**

Nil.

**Russian Federation**

The Ministry of the RF for Civil Defense, Emergencies and Elimination of the Consequences of Natural Disasters (EMERCOM of Russia) acts on emergency response according to its competence. Government has adopted the Federal Law “On Civil and Territory Defense of Emergencies of Natural and Russian Technogenic Nature” (21.12.94 N<sup>o</sup>68-Φ3) and Resolution of RF “On United State System of Prevention and Elimination of the Consequences of Natural Disasters” (1995, N<sup>o</sup> 1113). Follows to these documents a United State System of Prevention and Elimination of the Consequences of Natural Disasters” has been developed and adopted on the territory of the RF. In order to interact between federal authorities a System of Current Information has been developed and operates at present.

**Saint Lucia**

Saint Lucia continues to have limited capacity to provide rapid assistance to states in the event of an emergency situation involving hazardous waste. Efforts are ongoing to improve the capacity to handle oil spills in the terrestrial and marine environments.

**Slovakia**

Ministry of Environment of Slovakia; Ministry of Interior Affairs of Slovakia; and Ministry of Defense of Slovakia.

**Slovenia**

N.A.

**Thailand**

Currently, experts and equipment for the above mentioned purpose are not available. The National Emergency Plan is on the preparation process. However, Thailand needs the technical support/assistance regarding this matter.

**Tunisia**

None.

**Turkey**

None.

**United Kingdom**

Contact: The Environment Agency  
+0044 (0) 800 80 70 60

**Uzbekistan**

No information.