

Basel Convention Plastic Waste Partnership (PWP)

Project Group 2

“Plastic waste collection, recycling and other recovery, including financing and related markets”

Workplan

The following activities are to be undertaken by project group (PG) 2 established by the working group of the Basel Convention Partnership on Plastic Waste, in close cooperation with other activities under the Basel Convention and other organizations, as appropriate, so as to enhance synergies, increase efficiency and avoid duplication of efforts. In undertaking their activities, the project groups will explore, where applicable, innovative approaches and work in cooperation with other stakeholders. The project groups will duly consider geographical, local, national and regional conditions and circumstances, including those of developing countries and Small Islands Developing States that, for example, may not have industries or processes that allow for advanced processing of plastic waste locally, insofar as they may be relevant to the respective activities.

This workplan remains a living document and may be updated, as appropriate, as the work progresses, by the co-chairs in consultation with members of the PG.

Subgroups will play an important role in implementing the workplan. They will be established by PG2 to work on each of the activity outputs, under the leadership of the member indicated in the workplan. They are expected to work closely with the wider PG2 to: (i) provide updates on progress in their work; (ii) identify and seek agreement on work product(s) for development; and (iii) advise when updates to the workplan may be required.

The co-chairs of PG 2 will coordinate with the co-chairs of PG 1, 3 and 4 to avoid duplication of efforts and ensure harmonization where necessary.

It is intended that once outputs are developed by PG 1, 2 and 3, PG 4 initiates its work to develop outreach, education and awareness-raising materials, in collaboration with the respective PG, as outlined in activity 3.1 of the PG 4 workplan.

Activity 1

Collect information, best practices and lessons learned to improve collection, separation and recycling systems of plastic waste, including through financing schemes such as Extended Producer Responsibility (EPR), deposit return schemes, taxes, fees and other possible financial tools, e.g. for plastic packaging waste, agricultural films etc.; and on the implementation of such practices; and provide an analysis of these best practices, taking into account the informal sector.

Priority 1 together with activity 2

Outputs	Waste streams in priority order	Possible working steps	Contributors	Milestones
<p>1. Compilation of information, best practices and lessons learned to improve collection, separation and recycling systems of plastic waste and financing schemes to implement such practices.</p> <p>2. Analysis of best practices, including the context, to achieve environmentally sound collection, separation and recycling systems of plastic waste and the implementation of such practices.</p>	<p>a. Plastic packaging waste Household plastic waste specially packages of food, beverages, personal care, fragrance, cosmetics and cleaning products</p> <p>Second phase to be started later</p> <p>b. Waste agricultural films</p> <p>Third phase to be started later</p> <p>c. Other plastic waste as from: Construction and demolition</p>	<p>a. Collect information through processes such as: questionnaires, review of existing information in the scientific and grey literature, or a review of sources provided by members and other available information;</p>	<p>Lead: CETESB</p> <p>Contributors: American Chemistry Council, BIR, EKO COM 05, Global Alliance for Incinerator Alternatives (GAIA), Teknos Energies SARL, UNEP Cartagena Convention Secretariat, Switzerland, UK, UNEP/MAP-CU, SCP/RAC/Spain-SCRC, US, Trinidad and Tobago, Argentina, Sims Recycling Solutions, ISRI</p>	<p>Draft for consultation with PG2 by December 2020;</p> <p>Draft for consultation with PWP by February 2021</p> <p>Presentation at COP15 (June 2022)</p>

3. Work product(s) ¹ synthesizing and presenting compiled information in a way to identify best practices and lessons learnt that, e.g., are appropriate for selected target audience(s), and that could be used as a basis for outreach, education and awareness-raising materials to be developed by PG4.		To be determined	To be determined	To be determined
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¹ Consult with PG2 to identify and seek agreement on work product(s) that may be appropriate for development

Activity 2

Collect information on best practices and lessons learned to set up and increase capacity for environmentally sound recycling plastic waste, e.g. through innovative approaches in cooperation with various stakeholders with a special focus on:

- **Financing schemes, including conditions to enable such schemes;**
- **Technologies for recycling; and**
- **Developing markets for plastic waste streams from intermediate recycling steps,**

taking into account countries' different technical, geographical, possibilities for market access, financial or regulatory circumstances and different waste compositions.

Priority 1 together with activity 1

Outputs	Waste streams in priority order	Possible working steps	Contributors	Milestones
1. Compilation of information on best practices and lessons learned to set up and increase capacity for environmentally sound recycling of plastic waste, including: - best practices regarding financing schemes, including conditions to enable such schemes - best practices and lessons learned on different kinds of technologies	a. Plastic packaging waste Household plastic waste b. Waste agricultural films Second phase to be started later c. Other plastic waste as from: Construction and demolition, plastic waste from vehicles, electrical and electronic equipment	a. Collect information through processes such as: questionnaires, review of existing information in the scientific and grey literature, or a review of sources provided by members and other available information;	Lead: UNEP/MAP-CU/MED POL American Chemistry Council, BIR, UNEP Cartagena Convention Secretariat, Switzerland, Teknos Energies SARL, UNEP/MAP-CU/MED POL SCP/RAC/Spain-SCRC, UK, Trinidad and Tobago, Argentina, Sims Recycling Solutions, ISRI	Draft for consultation with PG2 by December 2020; Draft for consultation with PWP by February 2021 Presentation at COP15 (June 2022)

2. Work product(s) ² synthesizing and presenting compiled information in a way to identify best practices and lessons learnt that, e.g., are appropriate for selected target audience(s), and that could be used as a basis for outreach, education and awareness-raising materials to be developed by PG4.		To be determined	To be determined	To be determined
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² Consult with PG2 to identify and seek agreement on work product(s) that may be appropriate for development

Activity 3

Collect information on best practices on regulatory and voluntary measures, economic, technological tools, and other incentives for promoting the use of non-hazardous recycled plastics and the development of markets for recycled plastics and on the implementation of these measures and incentives.				
Priority 3				
Outputs	Waste streams in priority order	Possible working steps	Contributors	Milestones
<p>1. Compilation of information on best practices on regulatory and voluntary measures, economic tools, and other incentives for:</p> <ul style="list-style-type: none"> - promoting the use of non-hazardous recycled plastics - the development of markets for recycled plastics (e.g. green public procurement; certification systems; design for recyclability and utilization of recycled content; targets related to recycled content; engagement agreements), taking into account barriers to the import and export of plastic waste and recycled plastics - the implementation of these measures and incentives. 	<p>No specific plastic waste streams;</p> <p>Concentrate on important and large mass streams.</p>	<p>a. Collect information through processes such as: questionnaires, review of existing information in the scientific and grey literature, or a review of sources provided by members and other available information</p>	<p>Lead: TBC</p> <p>American Chemistry Council, BIR, CETESB, Teknos Energies SARL, UNEP/MAP-CU, SCP/RAC/SCRC-Spain UK, BCRC-Argentina, Argentina, ISRI</p>	<p>Start second half of 2021, depending on the progress of activity 1 and 2.</p>

2. Work product(s) ³ synthesizing and presenting compiled information in a way to identify best practices that, e.g., are appropriate for selected target audience(s), and that could be used as a basis for outreach, education and awareness-raising materials to be developed by PG4		To be determined	To be determined	To be determined
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³ Consult with PG2 to identify and seek agreement on work product(s) that may be appropriate for development

Activity 4

Collect information on best practices and innovative technologies for separating or eliminating hazardous substances from plastic wastes during sorting and recycling.				
Priority 4				
Outputs	Waste streams in priority order	Possible working steps	Contributors	Deadline
1. Compilation of information on best practices and innovative technologies for separating or eliminating hazardous substances from plastic wastes during sorting and recycling	Plastic wastes that are known to contain hazardous substances such as: <ul style="list-style-type: none"> - plastic waste separated from electronic waste. - automotive shredder residue - building and construction materials - agricultural pesticide containers 	a. Information collection through processes such as: Questionnaires, a review of existing information in the scientific and grey literature, or a review of sources provided by members and other available information;	Lead: TBC American Chemistry Council, BIR, SIMS, Spain-SCRC / SCP/RAC, UK, Argentina, ISRI	Start at the end of 2021 or earlier depending on availability of leads and contributors
2. Work product(s) ⁴ synthesizing and presenting compiled information in a way to identify best practices and innovative technologies that, e.g., are appropriate for selected target audience(s), and that could be used as a basis for outreach, education and awareness-raising materials to be developed by PG4		To be determined	To be determined	To be determined

⁴ Consult with PG2 to identify and seek agreement on work product(s) that may be appropriate for development