

Ministère de l'Environnement et des Energies Renouvelables

وزارة البيئة و الطاقات المتجددة

Centre National des Technologies
de Production plus Propre



المركز الوطني لتكنولوجيات
إنتاج أكثر نقاء

Direction Générale

المديرية العامة

Information report on:

**Activities for illegal traffic and trade in hazardous chemicals and wastes
prevention and strive and conclusion**

Workshop on the determination of organochlorine pesticides and PCBs indicators in serum:

The NCCPT organized from 22 to 27 October 2017 a Training workshop on the **determination of organochlorine pesticides and PCBs indicators in serum** in collaboration with the National Toxicology Center of Algeria and experts from France.

Aimed at building capacities for trainees from different categories and strengthening support for the NTC, the workshop was organized into 02 parts:

First part: focused on the extraction and purification techniques for POPs analyses in biological matrices. The trainees were introduced to different protocols involved in the techniques

.The main objectives of this part were to verify that available materials in the lab were reliable and efficient enough, to demonstrate that small samples of 2 ml of serum could be as conclusive as bigger samples of 5 ml. and the answers were positives.

The second part was about chromatograms results interpretation and the POPs analyses in biological expressed in matrices. The workshop started by an introduction to the theory involved in quantification, the presented method was relayed on the isotope dilution and the relative response factor, after defining the internal and external standards characteristics

Noting that military, police and customs took part to this workshop and awareness was raised among them. The best lesson learned would be to invite them to participate to more workshops and panels of this kind, to strengthen their abilities and acquire tool for fighting illegal traffic of hazardous wastes.

Capacity building workshops on the hazardous wastes management:

During the year 2018, the NCCPT dedicated workshops to environmental delegates and HSE engineers.

The 3 days workshops, dealt with hazardous wastes management, including internal and transbounderies transport modalities. According to national regulation and on the training manual on illegal traffic by the Basel convention, the trainees got insight the eligibilities for hazardous waste transport, and learned how to fill up a movement sheet.