

Global NIP Update Webinar “Introduction to PCDDs/PCDFs and Unintentional POPs: Emission Control and Inventory Development”

September 19, 15:00 –17:00 PM CEST, GMT 2

[Zoom registration link](#)

Introduction

This is the eighth event in the series of training activities to be held by Green Growth Knowledge Partnership (GGKP) within the framework of Component 4 (Knowledge management and information sharing) to share the knowledge developed under Components 1 and 2 of the GEF project ID 10875 entitled “Global Development, Review and Update of National Implementation Plans (NIPs) under the Stockholm Convention (SC) on Persistent Organic Pollutants (POPs)” – hereinafter Global NIP Update Project.

The Global NIP Update project aims to reduce dependency on external expertise and resources to develop and update NIPs by strengthening the political environment and technical capacities of participating countries. While UNEP Knowledge and Risk Unit is working towards developing the necessary knowledge under Components 1 and 2, the Green Growth Knowledge Partnership is executing Component 4 of the project on Knowledge management and information sharing. Knowledge sharing shall be conducive to improvement in NIP development, update, and implementation processes.

As part of our ongoing knowledge-sharing initiatives, this webinar will introduce the formation and release of polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/PCDFs) and other unintentional POPs (including unintentional PCBs, PCNs, HCB, PeCB, and HCBd). It will also cover the development of inventories for above mentioned POPs to identify, quantify, and prioritize sources, as well as the ongoing efforts for their minimization and, where feasible, ultimate elimination.

The webinar will provide an overview of the UNEP Toolkit methodology for developing comprehensive and comparable inventories of unintentional POPs (UPOPs). Additionally, the release of other pollutants from selected Annex C sources will be discussed, highlighting the need for an integrated pollution prevention and control approach to manage UPOPs and other pollutants from these sources.

The webinar is structured in three parts:

Part A will provide an overview on PCDD/PCDFs and other listed unintentional POPs (unintentional PCBs, PCNs, HCB, PeCB and HCBd) and their formation in thermal processes and selected chemical production. The release of unintentional POPs and contamination of soil and related exposure of humans through the food of livestock around emission sources will be explained highlighting the need to control UPOPs formation and release.

Part B will introduce participants to the foundations of inventory development for PCDD/PCDF and other unintentional POPs releases with the “*UNEP Toolkit for Identification and Quantification of Releases of Dioxins, Furans and Other Unintentional POPs under Article 5 of the Stockholm Convention*”). This includes the 5-Step Methodology for the Source Groups of Annex C of the Stockholm Convention. The methodology for updating Dioxin/UPOP inventories will be also introduced.

Part C will demonstrate the relevance of other pollutant releases from SC Annex C sources and provide an overview of the Integrated Approach for Pollution Prevention and Control of Unintentional POPs and other major pollutants.

Format

The webinar will be conducted virtually through an online Zoom platform. Presentations will be given by Dr. Roland Weber, an international expert in the field of POPs inventories and POPs management, followed by interactive discussions in a Q&A session, with opportunities for knowledge-sharing and peer-learning.

The materials and resources presented during the webinar including the recorded videos of the webinar will be available for participants through GGKP's [knowledge platform](#). The "UNEP Toolkit for Identification and Quantification of Releases of Dioxins, Furans and Other Unintentional POPs under Article 5 of the Stockholm Convention" has an own website (<https://toolkit.pops.int/>), and the UNEP BAT/BEP Guideline for unintentional POPs is available on the [Website of the BRS Secretariat](#).

Objectives

- To provide participants with an overview on the formation of PCDD/PCDF and other unintentional POPs from precursor chemicals, combustion sources and selected chemical production processes.
- To comprehend how the release of PCDD/PCDF and other UPOPs leads to the pollution of soils and sediments, ultimately contaminating the food chain and resulting in human exposure.
- To gain a thorough understanding of the 5-Step methodology for developing inventories of PCDD/PCDF and other unintentional POPs releases, as outlined in the "UNEP UPOP Inventory Toolkit" for the Source Groups of Annex C of the Stockholm Convention, including the methodology for updating Dioxin/UPOP inventories.
- To recognize that Dioxins/UPOPs represent just one class of pollutants released from Stockholm Convention Annex C sources and that an Integrated Approach for Pollution Prevention and Control (IPPC) of Unintentional POPs and other major pollutants is the most effective strategy for managing and reducing pollution and releases.

Target audience

- Stockholm Convention Official Contact Points and National Focal Points particularly from project countries
- National officials and experts involved in the process of reviewing and updating the NIPs
- Practitioners working on POPs inventory and management

- Members of NIP National Coordinating Mechanism/ Committees and Project Coordination Units/Thematic Task Groups
- Representatives of Regional Centers and relevant stakeholders.

Date and time

September 19 , 2024, 15:00 – 17:00 CEST (GMT +2)

[Zoom registration link](#)

Agenda (please note that the indicated time is CEST)

CEST	1. Welcome and Opening Remarks
15:00	<i>Moderator: Ms. Anastasiya Buchok, Component 4, GGKP</i>
	<i>Speaker: Dr. Roland Weber; POPs Environmental Consulting</i>
15:05	Part A: Introduction to PCDD/PCDFs and other unintentional POPs (unintentional PCBs, PCNs, HCB, PeCB and HCBD) and their formation and release from major sources.
15:40	Part B: Inventory development of PCDD/PCDF and other unintentional POPs releases with the UNEP Toolkit for Identification and Quantification of Releases of Dioxins, Furans and Other Unintentional POPs under Article 5 of the Stockholm Convention (https://toolkit.pops.int/)
16:35	Part C: Integrated Approach for Pollution Prevention and Control (IPPC) of Unintentional POPs and other Major Pollutants
16:50	Q&A session
17:00	Closing remarks

The event will be held in English. Simultaneous interpretation to French, Spanish and Russian shall be provided.

Contacts

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