

On-going work on PCBs

UNITAR Chemicals and Waste Management Programme (CWMP)

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Chemicals and Waste Management Training workshop - Serbia

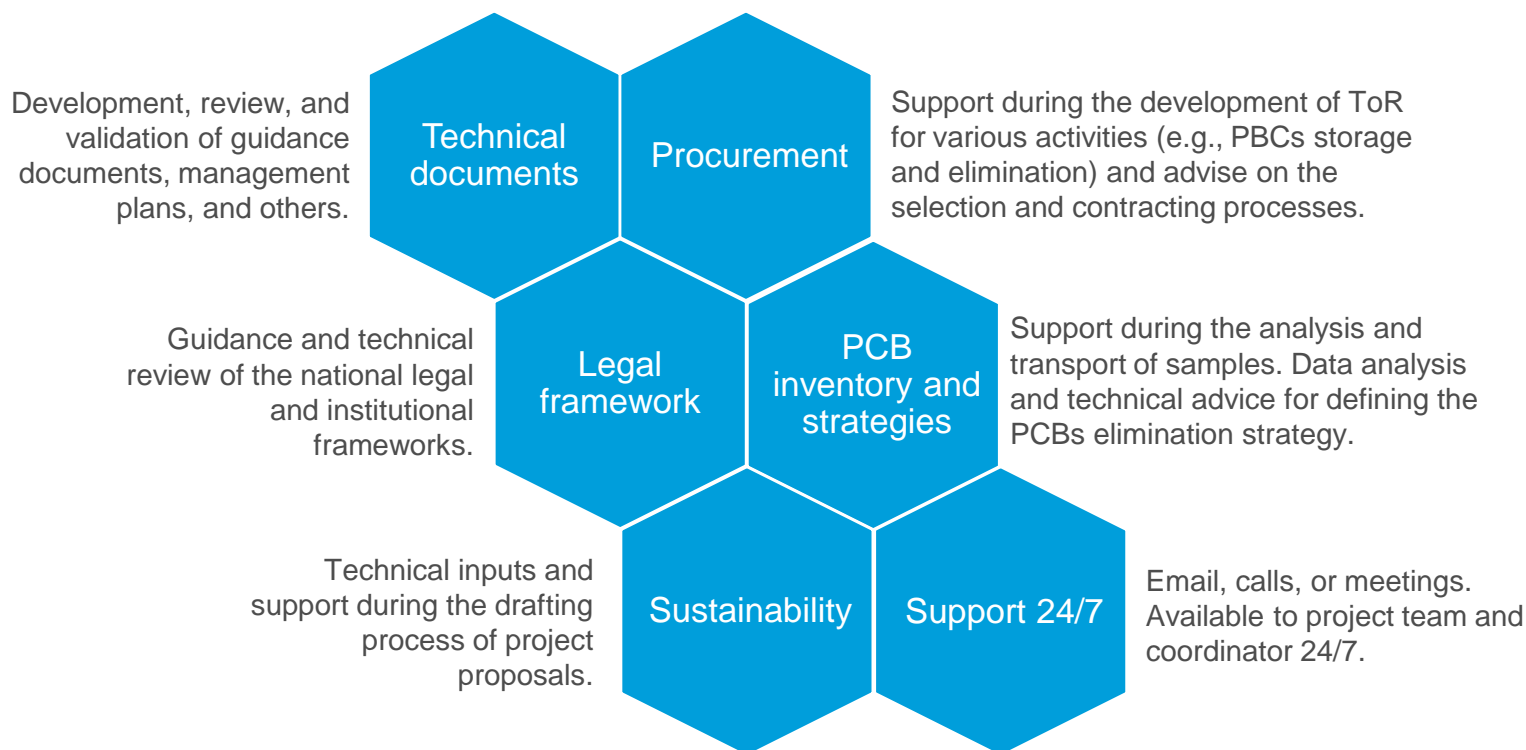
Geneva, 12 September 2023



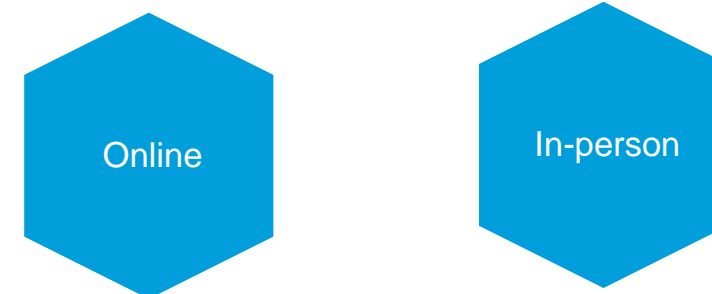
CWMP role in PCBs projects

- **Online and in-person services.**
- **Network of experts with solid knowledge and vast experience in different disciplines and topics.**

Technical support



Training



<https://pcb.unitar.org/>



<https://cwcourses.unitar.org/>



On-going PCBs projects



Ethiopia

Objective: Support countries with the necessary technical and financial assistance to reduce the risks posed by PCBs to the environment and human health.

Components:

- Strengthening of legal frameworks, administrative processes, and technical preparedness for the sound management of PCBs
- Environmentally sound management of PCBs and PCB-contaminated sites
- Monitoring, learning, adaptive feedback, outreach and awareness raising, and evaluation



The Gambia



Paraguay

Ethiopia

Project Background

Overall objective: Strengthening capacity of national stakeholders to manage PCBs as well as to achieve its elimination

Specific objective: Identification and disposal of 150 t of PCB-contaminated equipment and waste

- GEF-6 Chemical window / Total budget ~ USD 2 million
- 5-year project (2019 – 2024)
- EPA, UNDP, and UNITAR joint project
- Three companies with key roles as owners of PCBs

Activities:

- A Directive issued to phase-out the use of PCBs
- Theoretical and practical training on Inventories, Sampling, and Screening
- PCBs suspected transformers were identified and PCBs samples collected
- Screening of samples undertaken
- Strengthening the institutional capacity of the National Lab
- GC analysis (on-going)

Next steps:

- Data analysis on PCBs, identification of transformers with PCBs
- Elimination strategy
- Design and put in place storage facilities



The Gambia

Project Background

Overall objective: Elimination of PCBs through legal instruments, capacity building and support (technical and financial) + Minimization of uPOPs through improved waste management practices

- TITLE: Capacity Building for PCB and uPOPs in The Gambia
- MANAGEMENT ARRANGEMENT: Country Office Support
- IMPLEMENTING PARTNER: NATIONAL ENVIRONMENT AGENCY
- PROJECT TYPE: Medium Size
- TRUST FUND: GEF Trust Fund
- Project Duration: 2019 – 2024

Components:

- Strengthening of legal frameworks, administrative processes, and technical preparedness for sound mgt of PCBs & uPOPs emissions
- Environmentally sound mgt of PCB-contaminated sites
- Minimizing releases of uPOPs emission from open-burning
- Monitoring, learning, adaptive feedback, outreach & awareness raising and evaluation



Paraguay

Project Background

Overall objective: Strengthening the environmentally-sound management and final disposal of PCBs

Specific objective: disposal of up to 700 tons of PCBs and related wastes and reduction/elimination of PCBs releases from serviced electrical equipment at workshops and interim storage locations

- GEF project
- Implemented by UNIDO
- Executed through the Ministry of Environment and Sustainable Development (MADES).
- 3-year project (2021 – 2023)

Activities:

- Development of National PCBs management plans
- Strengthening of national data system and analytical services to fully support the inventory development and management of PCBs and related wastes, in line with international standards and best practices
- Assessment of PCBs/uPOPs pollution due to fire on ANDE PCB-storage facilities



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Thanks for listening



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