

# Kenya's Experience With GMP: Approaches To Data Collection, Interpretation, And Application In Policy Contexts

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# General Introduction

- The objective of the Stockholm Convention (SC) on POPs is to **Protect human health and the environment from POPs by reducing or eliminating releases to the environment** (SC, 2025; SC, 2001).
- According to Article 16 effectiveness of the SC shall be evaluated starting four years after the date of entry into force of the Convention and periodically thereafter at intervals to be decided by the Conference of the Parties (COP).
- **Each effectiveness evaluation will consist of three elements:**
  - 1) Reports and other environmental monitoring information pursuant to paragraph 2 of Article 16;
  - 2) National reports submitted pursuant to Article 15 (i.e., reports by Parties on the measures they have taken and the effectiveness of those measure); and
  - 3) Non-compliance information submitted pursuant to Article 17.
- **Objective of POPs Global Monitoring plan** is to provide a harmonized organizational framework for the collection of comparable monitoring data on the presence of the POPs listed in Annexes A, B and C of the Convention in order to identify trends in levels over time as well as to provide information on their regional and global environmental transport assessment.

# Kenya's Experience With GMP

- Kenya has participated in the implementation of the Global Monitoring Plan since 2008. This includes Monitoring of POPs in the core media: Ambient Air, Mothers' milk and water (for polar POPs).
- Monitoring activities and data collection follow the guidelines provided in the GMP guidance Document:
- In addition several Standard operating Procedures have been developed, through UNEP/GEF GMP projects and established monitoring programmes, for collection of different core matrices.

# Approaches To Data Collection & Interpretation



Laboratory Training by RECETOX team on POPs analysis of PBDEs in May 2017



Training in the field on water sampling together with RECETOX team in May 2017



# Approaches To Data Collection & Interpretation

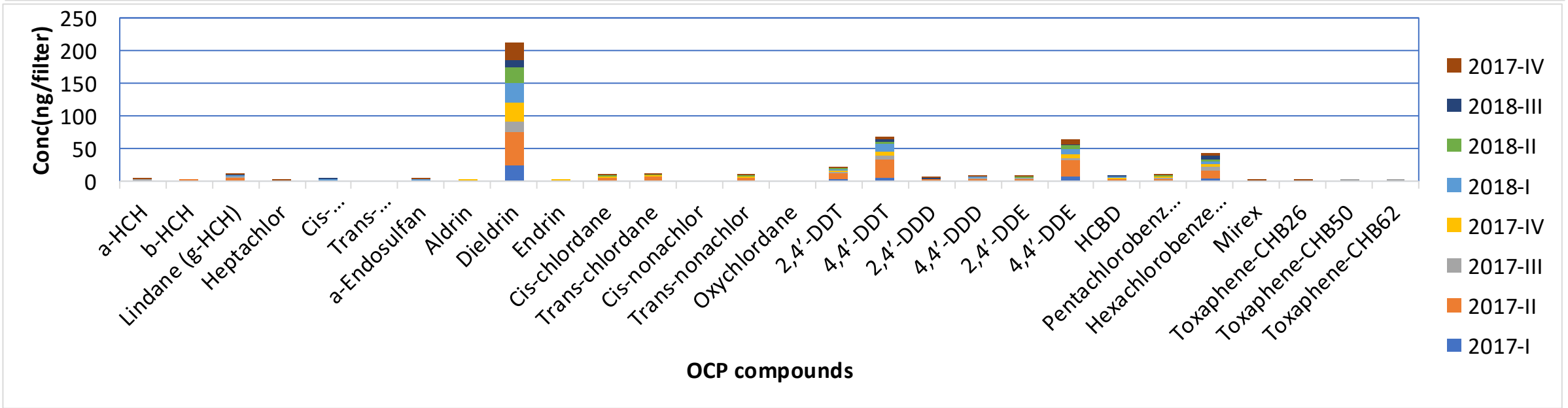
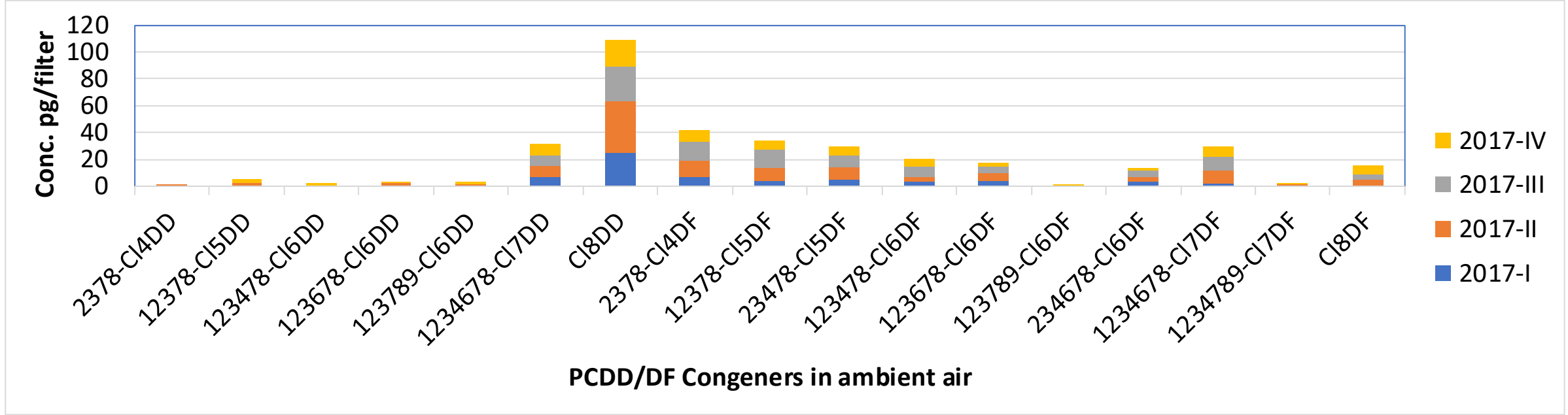


POPs Air sampling at Mt. Kenya Remote sites



POPs Air sampling at Kabete- Urban background site

# Approaches To Data Collection & Interpretation



# GMP Data sharing, Awareness Raising And Policy Engagement

- 1) Project activities and GMP Data are presented at national workshops to the stakeholders.
- 2) The National report for GMP project POPs monitoring activities submitted to the Ministry of Environment in June 2021.
- 3) The project reports are also shared with the National Environment Management Authority, example in 2022 and 2023, to inform policy formulation.
- 4) The data from GMP data for core media air, water and mothers milk, and other media is incorporated in the **Africa regional monitoring report**.
- 5) At national level the data from GMP2 project informs NIP activities and strategic national POPs monitoring activities.
- 6) Data from GMP2 supports national policy formulations and decisions.

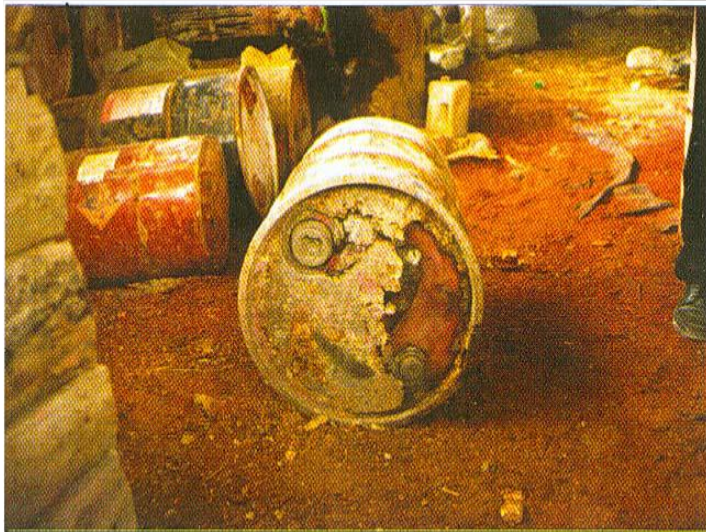


# Data Application In Policy Contexts

- Key strategic activities:
  - 1) Development of national monitoring protocol for POPs chemicals in air, water and soil: **Priority hotspot sites** identified in 2021.
  - 2) Engagement with the National Environment Management Authority to **initiate monitoring of dumpsites**, industrial and residential sites in 2022.
  - 3) University of Nairobi Enterprises and Services (UNES) was engaged to support **rehabilitation of soil contaminated by POPs pesticides** in sites Kitengela site in 2023. Kitengela is one of the sites identified in the Kenya POPs inventory and NIP for remediation.
  - 4) Kenya has developed several regulations addressing POPs among other chemicals:
    - 1) The Air Quality and Plastic Regulation 2024.
    - 2) The Toxic and Hazardous Chemicals Regulation 2024.

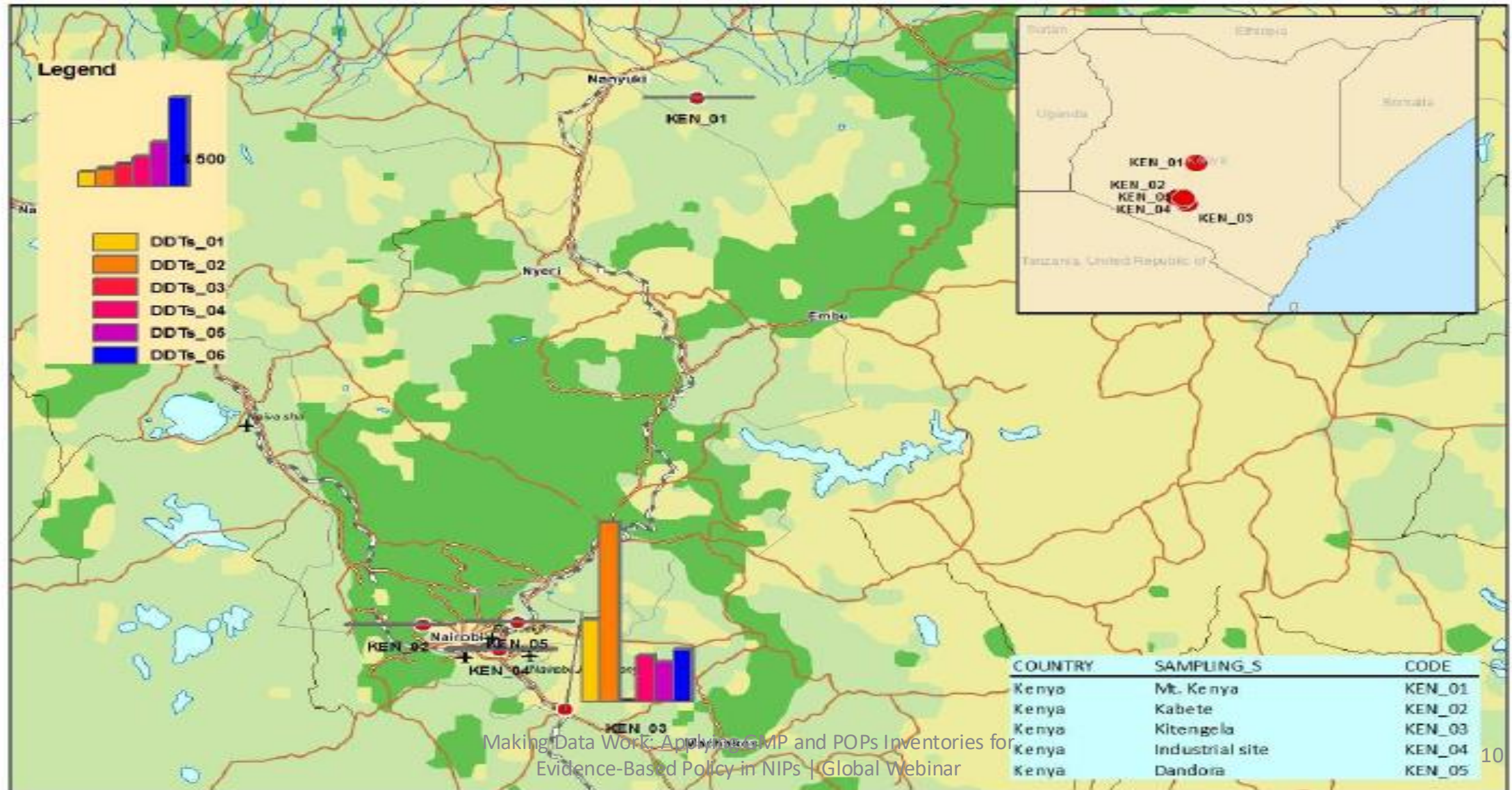


# Data Application In Policy Contexts: Status of Kitengela Obsolete Pesticide Store, 2005





# Data Application In Policy Contexts: Status of Kitengela Obsolete POPs Pesticide Store





# Visit to Kitengela POPs Pesticide Contaminated Soil in 2023 by CHEMOBS Team





# Rehabilitation of Kitengela Obsolete POPs Pesticide Contaminated soil, 2025





**Thank you for your attention**

