

PERSISTENT ORGANIC POLLUTANTS (POPs) MANAGEMENT IN INDONESIA

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Stockholm Convention on Persistent Organic Pollutants (POPs)

- The purpose of Stockholm Convention is to protect environment and human health from POPs;
- The concerns on problems and POPs' impact leads countries to sign the SC (Indonesia signed on 21 May 2001)

National Policy on POPs

- To reduce and eliminate the use and production of POPs in order to protect human health and environment from POPs.
- To encourage the cooperation among relevant sectors and other stakeholders including community in dealing with POPs problems.

REGULATIONS (1)

- **GR No. 74/2001 concerning hazardous and toxic substance management – banned 10 POPs**
- **GR No. 18/1999 jo GR No. 85/1999 concerning hazardous and toxic waste management – standard emission of aldrin, dieldrin, chlordane, endrin, heptachlor, hexachlorobenzene/ HCB, Polychlorinated Biphenyl/ PCB, Toxaphene in TCLP test, DRE for incinerator**
- **Ministerial Regulation of Agriculture No. 7/2007 concerning pesticide registration**

REGULATIONS (2)

- **GR No 82/2001 concerning water pollution control –** water quality criteria: standard for POPs pesticide (Aldrin, Chlordane, DDT, Dieldrin, Endrin, Heptachlor, Toxaphene).
- **Head of BAPEDAL Decree No: Kep-03/BAPEDAL/09/1995** concerning technical criteria for hazardous and toxic treatment.
- **Head of BAPEDAL Decree No: Kep-04/BAPEDAL/09/1995** concerning guideline of criteria for the disposal of treatment product, criteria for used treatment location, and used disposal hazardous waste location.

NATIONAL IMPLEMENTATION PLAN (NIP)

- NIP is framework for developing and implementing policies, regulations, capacity building, dan investment programs on POPs;
- The development of NIP involved relevant stakeholders through several meetings and workshops;
- The development of NIP is based on the priority setting

Priority Setting

- POPs pesticide management
- PCB and equipment containing PCB management
- Unintentionally POPs management

NATIONAL IMPLEMENTATION PLAN (NIP)

NIP consist of:

- The result of POPs inventory and UPOPs estimation;
- The action plan, its budget and financial sources;
- The technical and financial assistance to implement NIP;
- Participation of relevant government institutions.

POPs in Indonesia

- There is no production data on POPs pesticides except DDT;
- There was only importation data on HCB from 1994 to 2002, up to 92,569 kg;
- There were no stockpile of POPs pesticides in 9 ex warehouses in 9 cities;
- There were some equipments (capacitor and transformer) contaminated with PCBs;
- The estimated releases from unintentional production of PCDD/PCDF was 20,977 g TEQ

(Source: Draft National Implementation Plan, April 2007)

ACTION PLAN (1)

There is 86 action plans in NIP, including:

- Strengthening the capacity of institutional and human resources in POPs management
- Strengthening policy and regulation framework for facilitating environmentally sound POPs management
- A comprehensive POPs inventory
- The management of POPs stockpiles, equipment containing POPs, POPs waste and its disposal
- Inventory of contaminated sites and strategies for remediate contaminated sites

ACTION PLAN (2)

- ◆ The development of environmentally sound destruction technology and increase the number of such facilities
- ◆ Inventory and implementation of BAT/BEP for sources in Annex C
- ◆ The developing of UPOPs laboratory
- ◆ Monitoring of POPs, UPOPs dan the impact of POPs on human health and environment
- ◆ Raising awareness on POPs
- ◆ Looking for alternative POPs
- ◆ Controlling illegal trade

CURRENT STATUS

RATIFICATION

- The ratification of SC is included in National Legislation Program (PROLEGNAS) tahun 2007-2008
- The harmonization process has finished. Indonesia is currently in the last steps of ratification process

NIP

- The draft NIP has circulated to other relevant sectors and some comments are given
- The endorsement of NIP is in progress

THANK YOU