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GEF-5 Strategy for Chemicals

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Structure of this Presentation

- Background to the GEF
- Chemicals management & GEF-5
- Overview of POPs programs



GEF Chemicals Cluster - Background

The GEF provides resources to the following areas related to chemicals management:

- Phase out of Persistent Organic Pollutants – Stockholm Convention
- Phase out of Ozone Depleting Substances (ODS), specifically to countries with economies in transition – Montreal Protocol
- Pilot activities on mercury – to support and inform ongoing negotiations of an agreement on Mercury
- Pilot activities on chemicals (and chemical issues) of global concern – related to the objectives of the Strategic Approach to International Chemicals Management (SAICM)



Overview of GEF Investment on Chemicals

- Since 2001 the GEF has committed US\$ 695 million to projects in the Chemicals focal area and leveraged some US\$ 701 million in co-financing from partners in the public and private sectors, bringing the total value of the GEF Chemicals portfolio to over US\$1.4 billion.
- The GEF has financed NIPs development projects for all developing countries Parties requiring support, so far 108 Parties have submitted their NIPs.
- Upon completion, all GEF POPs investments will contribute to the disposal of more than 70,000 tons of PCB oil, contaminated equipment, and waste, more than 40,000 tons of obsolete POPs pesticides and associated waste, and reducing dioxin/furan and mercury emission by introducing environmentally sound technologies and best practices.



GEF Supports Montreal Protocol

- GEF supports implementation of the Montreal Protocol (MP) in countries with economies in transition (CEITs). GEF5 has an allocation of 25M for the phase-out of Ozone Depleting Substances (ODS).
- GEF has invested 232M for ODS phase-out in CEITs countries. GEF financed ODS phase out in Russia and CEITs, which is roughly equivalent to amounts phased out in all developing countries.
- The GEF continues to support eligible CEITs on achieving phase out of hydro chlorofluorocarbons (HCFC) and methyl bromide.



GEF Funding for Mercury INC Process

“GEF 5 mercury resources are intended to support assessment and pilot activities that will advance the development of the global mercury instrument and improve countries’ abilities to implement the its provisions when the (mercury) instrument enters into force. ”

- *GEF Strategy for Mercury Programming*

GEF5 has an allocation of US\$ 15M for activities related to pilot mercury reduction. Projects should address one or more of the following issues:

- Reducing mercury use in products
- Reducing mercury use in industrial processes
- Reducing mercury use and exposures in artisanal and small-scale gold mining
- Enhancing capacity for mercury storage
- Reducing atmospheric emissions of mercury
- Improved data and scientific information at the national level
- Enhancing capacity to address waste and contaminated sites



GEF Funding for Chemicals Management

GEF5 has an allocation of US\$ 10M for sound chemicals management to cover the following issues:

- E-waste – properly designed e-waste projects should take into account mercury and POPs issues as relevant.
- Products containing chemicals of global concern, consistent with Strategic Approach to International Chemicals Management (SAICM)
- Lead in paint



GEF5 Funding for Chemicals Management

- \$425 million allocated to chemicals. The distribution of resources is as follows:
 - POPs: \$375 million;
 - Ozone: \$25 million;
 - Sound chemicals management and mercury reduction: \$25 million.



Chemicals Resources Utilization in GEF-5

In total, the GEF has approved 76 projects totaling up US\$ 245.4 Million in GEF investments plus an additional US\$10.25 Million in other resources to Chemicals during GEF-5 (see Table 2 for detail);

Mercury: 9 pilot projects were approved for Mercury Reduction in artisanal gold mining, mercury emission in Health Care Sector, inventory development, and mercury in products.

E-waste: 1 pilot project was approved on E-waste Management in Africa region, emphasizing the role of regional centers of the Stockholm and Basel Convention.

EA: the GEF has received 49 NIP updated related project proposals, requesting more than US\$ 9 million of GEF funding. 36 projects were approved and the rest are in the review process.

Table 1: Year to Date GEF Resources committed to projects

Phase	EA (\$)	FSP (\$)	MSP (\$)	Total (M USD)
GEF-2	20,284,926	5,835,000	580,000	26.7 M
GEF-3	35,212,029	110,758,554	4,398,600	150 M
GEF-4	3,182,813	206,473,666	21,663,200	231.32 M
GEF-5	6,091,171	219,920,268	11,003,675	237 M
Total	64,770,939	542,987,488	37,645,475	645 M

Table 2: GEF 5 resources utilization for Chemicals

	Mercury	Ozone	POPs	SCM	Total (M USD)
GEF-5	15.0	25.0	375.0	10.0	425
Utilized	8.3	6.8	221.6	1.6	245.4
Pending	0	0	34.6	0	34.6
Remaining	0	18.2	118.8	8.4	145.4
Utilization %	55%	27.2%	59%	16%	58%



Overview of POPs Programs



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POPs: Programming

- 2001-2006 (GEF-3) → \$218m (co-financing \$153m)
- GEF-4 allocation \$300m
- At the end of GEF-4, cumulative allocation since adoption of the SC of \$450m; leveraging \$650m co-financing



POPs Key Issues

- Issues identified under the NIPs
 - Obsolete pesticides;
 - PCB management
 - Dioxins/Furans
 - Management of healthcare wastes
 - Development of alternatives to DDT for vector control.
- Limited ability to deal with POPs in developing countries due to lack of basic chemicals management capacities



GEF-4: shift towards NIP implementation

Chemicals programming for GEF-5

- **Brings together POPs, ODS and Sound Chemical Management for increased coherence**
 - **Goal:** To promote the sound management of chemicals throughout their life-cycle in ways that lead to the minimization of significant adverse effects on human health and the global environment
 - **Expected Impact:** Reduction in the exposure to Persistent Organic Pollutants and other Persistent Toxic Substances of humans and wildlife



POPs Outlook for GEF-5

- Increased attention to potential for synergies with other focal areas, in particular with climate mitigation and releases of un-intentionally produced POPs (dioxins).
- Proposal to address chemicals in a more comprehensive manner, whilst keeping focus on mandate as financial mechanism to the Stockholm Convention.



Future GEF Chemicals Projects: Synergies

- In GEF 5 more synergy in projects is encouraged in order to achieve greater impact.
- In this regard, multi focal area, or multi-chemical projects that countries may wish to consider would include:
 - Dealing with POPs, e-waste, mercury, lead and improving waste management.
 - Mercury lamps and other waste products in building/lighting efficiency projects
 - Projects that seek to improve energy efficiency in the heating/cooling/air-conditioning production and consumption sector and phase out of ODS.
 - Mercury and POPS reduction in medical waste
 - Projects that incorporate action on Basel, Rotterdam and Stockholm Conventions.
 - POPs and ODS co- destruction.



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Thank you for your attention

Questions?



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