



Mercury containing Waste

Capacity Building & Institutionalization



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Mandate

- UNEP Government Council decision (GC 25/8) on Waste Management GC25/8 implementation of an Integrated Waste Management (IWM) approach.
- The Bali Declaration, by Conference of Parties under Basel Convention, on Waste Management for Human Health and Livelihood re-confirms this decision.
- UN Commission on Sustainable Development (CSD) has also agreed to undertake waste as one of the focus areas for CSD 18



UNEP Activities on Waste



- ISWM Plan for Wuxi New District, China – Mar 08
- ISWM Plan for Pune City, India – Aug 08
- ISWM Plan for Maseru City, Lesotho – June 09
- ISWM Plan for Matale City, Sri Lanka – Oct 08
- ISWM Plan for Novo Hamburgo, Brazil – Aug 09
- ISWM Plan for Nairobi, Kenya – In progress
- ISWM Plan for Bahir Dar, Ethiopia - In progress
- ISWM Training Package on ISWM - online
- Regional Training for Africa in Mauritius – Mar 09
- Regional Training for Asia-Pacific in Osaka – Oct 09
- South-South Cooperation on ISWM – Bali 2008



UNEP Activities on Waste



- **E-waste management:**
Manuals on E-waste Inventory - [online](#)
Manual on E-waste Management - [online](#)
E-waste management Plan for Pnom Penh City, Cambodia
- **Converting agricultural waste biomass into a resource:**
Compendium of Technologies - [online](#)
Piloting in Nepal, Pakistan, Philippines and Sri Lanka – [In progress](#)
Recycling of waste palm trees in Malaysia – [under development](#)
- **Converting waste plastic into a resource:**
Compendium of technologies -
Baseline/Piloting in India, the Philippines and Thailand
- **Waste management in the context of climate change**
- **Destruction Technologies for Hazardous Waste – 2010-11**



Publications on Waste



- Resource Augmentation in Viet Nam
- E-waste Inventory Manual
- E-waste Management Manual
- Waste Characterization & Quantification
- Assessment of Waste Management System
- Target Setting and Issues of Concern for ISWM
- How to develop ISWM Plan
- Compendium of Technologies for Converting Waste Agricultural Biomass into Resource
- Compendium of Technologies for Converting Waste Plastics into Resource
- Assessment Methodology for Waste Plastics
- Sustainability Assessment of Technologies (SAT) Framework (Draft)
- Waste and Climate Change



Proposed functions of UNEP-led strategy

1. Strengthening national institutions
2. Strengthening national networks
3. Supporting preparation of country programmes
4. Building awareness and capacity
5. Supporting development of appropriate regulations and policies
6. Technology identification and selection
7. Funding incremental costs of hardware and operations
8. Supporting international networking and cooperation
9. Enabling stakeholder involvement



Key Areas for Capacity Building



1. Data collection – technical capacity, cost and time
2. Development and implementation of ISWM or WEEE/E-waste management plan based on 3R approach covering:
 - Identification of appropriate policies (regulatory and fiscal) and development of a policy framework
 - Identification and implementation of environmentally sound technologies (EST)
 - Risk management, especially for informal sector

Areas for Institutionalization

Cell – Due to dynamic nature of data

Integration of WEEE/E:

Coordination among various departments
Different waste streams

Stakeholders' participation (waste generators,
Providers, regulators/government, recyclers
Community)

https://www.yunbaogao.cn/report/index/report?reportId=5_14261

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