



Division of Technology, Industry and Economics

UNEP-DTIE-IETC

Global Partnership on Waste Management

Mushtaq Ahmed Memon
Programme Officer
UNEP DTIE IETC



UNEP GC decision 26/3 on Chemicals and Waste Management

- Calls for recognizing the need to take into consideration countries' differing circumstances, developmental priorities and capacities (technical and financial) while stressing the need for international organizations to undertake enhanced, more focused and coordinated actions to fill current gaps in the support given to efforts by developing countries.
- Asks to ensure coherence and complementarities and avoid duplication of activities.
- Focuses on integrated waste management and related areas including electrical and electronics waste, waste agricultural biomass and urban waste based on 3R (reduce, reuse and recycle) approach.
- Also takes note of the launching of the **Global Partnership on Waste Management (GPWM)** and asks for further consultations.





Global Partnership on Waste Management



- GPWM is an **open-ended partnership** for international agencies, governments, businesses, academia, local authorities and NGOs
- GPWM supports the **development of work plans** to facilitate the implementation of integrated solid waste management at national and local level to overcome environmental, public health, social and economic issues inflicted by waste and its impact.
- GPWM will also support to **undertake policy dialogues** and other activities to exchange experiences and practices. It will facilitate enhanced awareness raising and capacity building.

Overall Objectives

- To protect human health and environment, and to tackle adverse impacts of unsound management of waste
- To promote resource efficiency through waste prevention and by recovering valuable material and/or energy from waste
- To enhance international cooperation, knowledge management and sharing

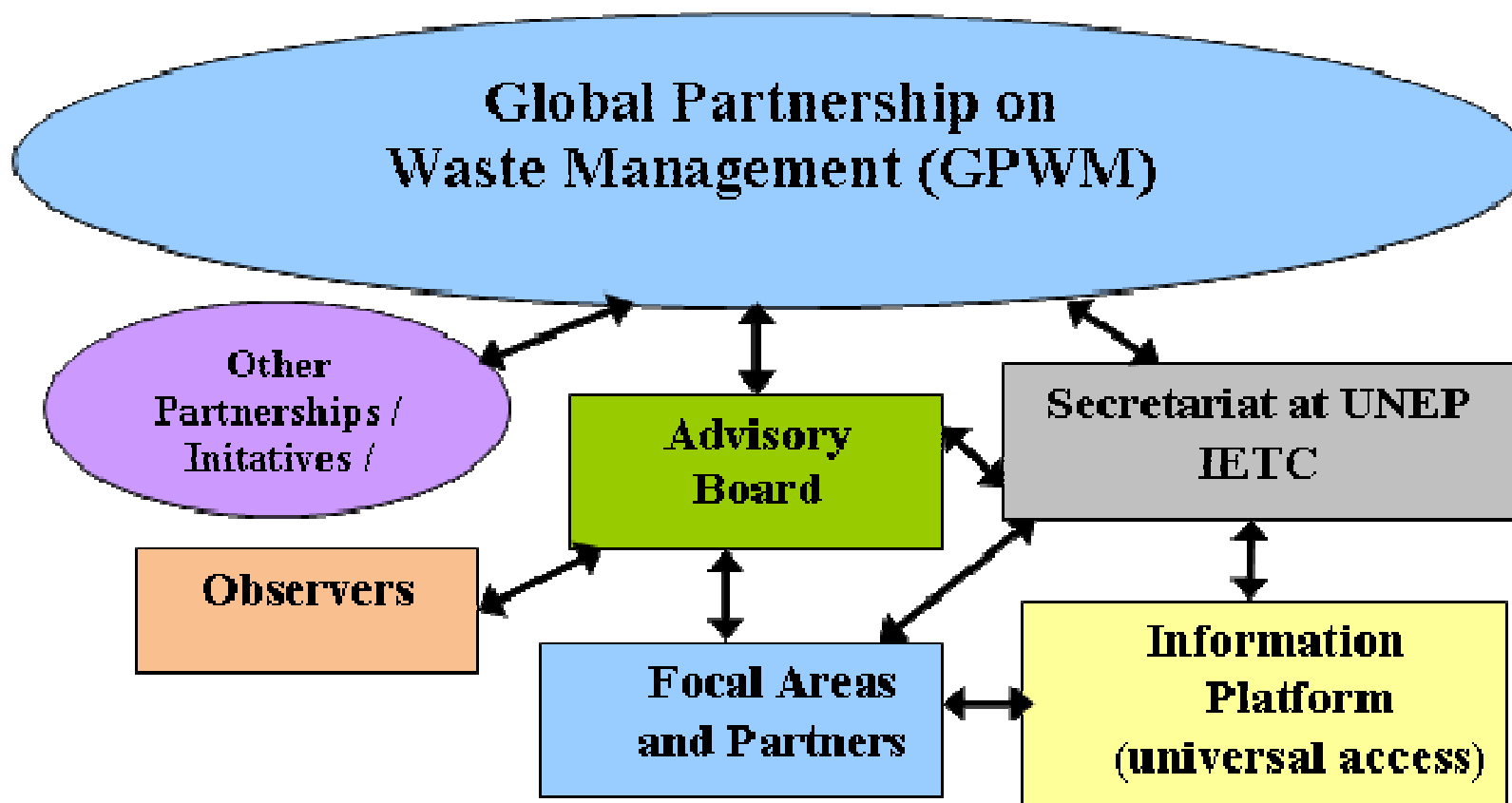


Expected Outcomes

- **Holistic approach** on waste management is facilitated.
- Already available **information is shared** and additional information is created to fill the gaps.
- Members get benefited from each others' actions.
- Enables **complementarities with various waste conventions, initiatives, and activities.**
- Activities are undertaken by partners in a coordinated manner.
- **Resources are utilized efficiently and effectively** – avoiding duplication of efforts, streamlining of resource utilization and information sharing across multiple activities.
- **Synergized efforts** in holistic manner - activities and initiatives within countries to be developed and implemented in synergy and in holistic manner.
- **Multi stakeholders involvement** including academia, NGOs, private sector, government and international organizations
- Enhanced **transfer of technology and knowledge**



Structure of GPWM





Advisory Board



- The Global Partnership will have **two co-chairs** that will be designated at the opening of each Global Partnership meeting, they will also co-chair the Advisory Board.
- The participants/partners during Osaka meeting **proposed India and Ethiopia to be Co-Chairs for first year (2011).**
- A Global Partnership **Advisory Board** will be established to serve and advise the Global Partnership.
- There is a suggestion to include donors (annual funding of USD 500,000 and more) on the advisory board to provide an opportunity to receive their feedback and guidance (to be discussed during the current meeting).

Secretariat

- The Secretariat, which is hosted at UNEP-IETC will provide **administrative and secretariat support** to the Global Partnership. Help bring new members to participate in the Global Partnership
- The secretariat at UNEP-IETC has already developed and **launched the online information platform** with consolidated information on waste





Focal Areas



From a list of Focal Areas (Thematic and Functional Areas) the participants proposed the following **priority areas** (subject to the confirmation of respective lead members):

1. Waste prevention (ISWA)
2. 3R for waste management (UNCRD)
3. Waste agricultural biomass (UNEP-IETC)
4. Integrated solid waste management (UNEP-IETC)
5. E-waste management (SBC)
6. Hazardous waste management (SBC)
7. Marine Litter (UNEP-DEPI)



Sub-Focal Area Activities & Work Plans



- Focal areas working groups will **develop a work plan for their activities**, including timeline, identification of resources, and fund raising strategy, in accordance with the Global Partnership framework and reflecting their accepted contributions. A work plan template had been developed to provide guidance
- Members can **propose activities, in addition to those already identified in the work plan**, with a written justification to the Secretariat with copy to the relevant working group lead member(s). The lead member(s) will review it and submit it to the Global Partnership Advisory Board for consideration.

Participation in GPWM

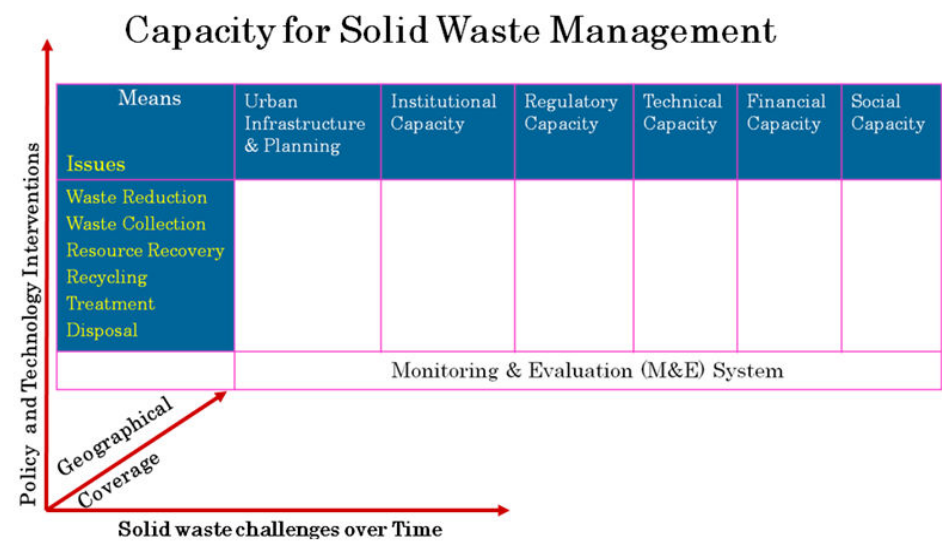
- The Global Partnership is a **voluntary and collaborative relationship** between various partners such as international agencies, governments, businesses, academia, local authorities and NGOs, in which all agree to work together to attain the overall objectives of such partnership.
- Each entity upon becoming a **member** of the Global Partnership will contribute to the development and implementation of the Global Partnership activities. Contributions may be in the form of financial support, in-kind contribution and/or technical expertise.
- Participation to the Global Partnership can also be through **observer status**. Observers have the right of attending the open meetings including annual meetings and will provide inputs if required. They can request to become a member of GPWM at any time.



Strategy

The Partnership will have four main activities:

- a) Enhancing local, national and regional capacity in waste management through field activities, stakeholder dialogues, and training through overall work programme of the Partnership and of respective sub-focal areas

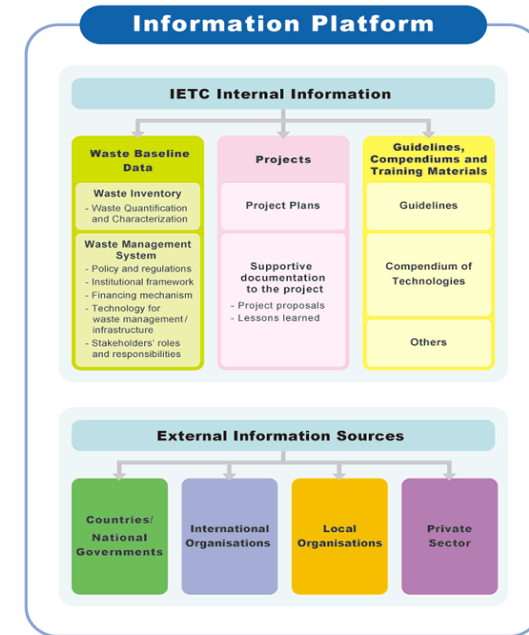


- b) Building networks and partnerships to achieve better impact of the activities, to avoid duplication of efforts and to increase the efficiency of scarce resources

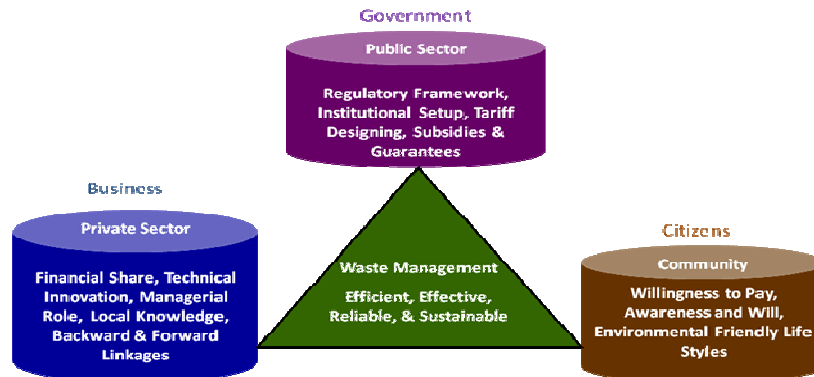


Strategy

c) Information collection and sharing to further strengthen local, national and regional decision-making process.



Stakeholders and Partnerships for Waste Management



d) Stakeholders participation in all the stages of solid waste management chain





Potential Work plan for 2011-2012



Expected deliverables	Jan-Apr 2011	May-Aug 2011	Sep-Dec 2011	Jan-June 2012	Jul-Dec 2012
UNEP GC and follow-up consultation meetings					
Confirmation from co-chairs and lead members					
UN-CSD 19 promotion					
Outreach to new members and fundraising					
Implementation strategy and work programme development					
Development of communication strategy					
Annual General Assembly					
Implementation of activities					
Mid-term activity reports					



Information Platform on Waste Management



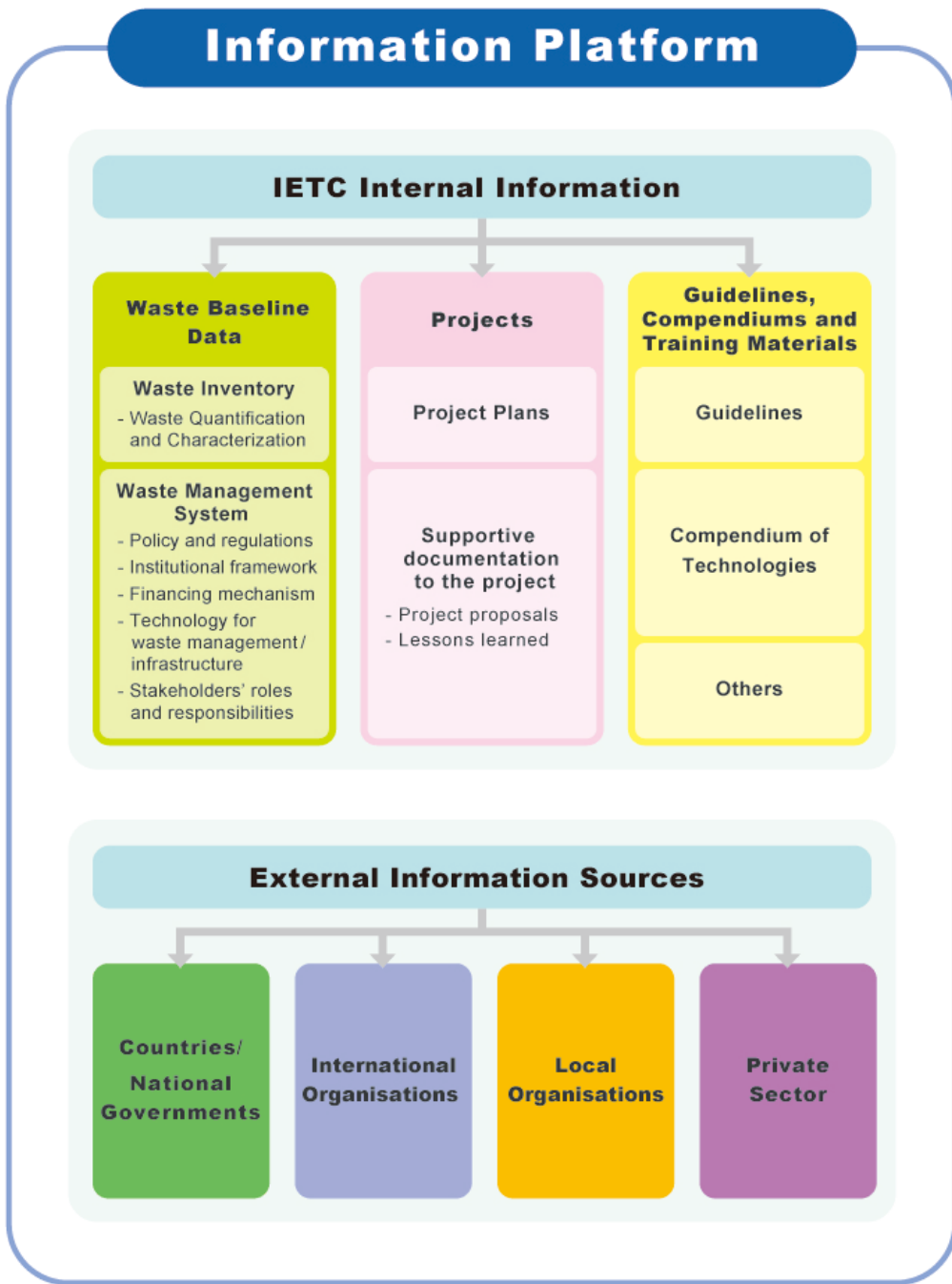
Information Platform on Waste Management



- to promote, share and exchange information on solid waste related issues in different countries, regions or cities.
- Identify information gaps so that it can be filled through information collected under the focal areas.
- currently developed as a prototype hosting the in-house capacity and resources available to UNEP-IETC and being extended to information and links of other entities.

http://www.unep.or.jp/ietc/GPWM/info_platform.html

(We request any entity interested in sharing information on waste to contact us through our webpage and provide us with reports and/or links).



Structure of the Information Platform

IETC-Internal Information

-Waste Baseline Data -



Project		WASTE INVENTORY
		Waste Quantification and Characterization
Integrated Solid Waste Management (ISWM)	China - Wuxi	0
	India - Pune	0
	Lesotho - Maseru	0
	Sri Lanka - Matale	0
	Brazil - Novo Hamburgo	0
	Kenya -Nairobi	On-going
	Ethiopia - Bahir Dar	0
Waste Agricultural Biomass (WAB)	Philippines - Cabiao	On-going
	Nepal - Madhyapur Thimi	0
	Sri Lanka - Uva Province	0
	Pakistan - Sanghar	0
Waste Plastic	India - Agra	0
	India - Faridabad	0
	Thailand - Bangkok	0
	Thailand - Chiang Mai	0
	Philippines - Cebu	0
	Philippines - Mandaue	0
E-waste	Cambodia - Phnom Penh	0



IETC-Internal Information

- Projects -



Project	PROJECT PLAN
Integrated Solid Waste Management (ISWM)	<ul style="list-style-type: none"> ● ISWM Plan <ul style="list-style-type: none"> ○ Volume I: Strategic Action Plan ○ Volume II: Schemes proposed under Strategic Action Plan
China - Wuxi	<ul style="list-style-type: none"> ● Training Package for ISWM Plan ● ISWM Plan <ul style="list-style-type: none"> ○ Volume I: Strategic Action Plan ○ Volume II: Schemes proposed under Strategic Action Plan ● Stakeholder's Consultation Workshops for Integrated Waste Management Plan ● Awareness Package for Integrated Waste Management Plan
India - Pune	<ul style="list-style-type: none"> ● Baseline Assessment of Waste Management ● Weak Spot and Gap Analysis of the Baseline Assessment for the Development of an ISWM System ● ISWM Plan ● Environmentally Sound Technologies to be used in the implementation of ISWMP ● Policy Framework for an Integrated Waste Management Plan ● Integrated Waste Management Plan - Financial Strategy ● Training, Awareness Raising and Planning Workshops for ISWM Plan
Lesotho - Maseru	<ul style="list-style-type: none"> ● ISWM Plan
Sri Lanka - Matale	<ul style="list-style-type: none"> ● Strategic Action Plan for ISWM Plan (Volume I) ● Schemes Proposed under Strategic Action Plan for ISWM Plan (Volume II)
Brazil - Novo Hamburgo	<ul style="list-style-type: none"> ● ISWM Plan
Kenya - Nairobi	On-going

IETC-Internal Information

- Guidelines, Compendiums, Training Materials -

GUIDELINES

Project	GUIDELINES
Integrated Solid Waste Management (ISWM)	<ul style="list-style-type: none"> • Training Manual <ul style="list-style-type: none"> ○ Vol. 1: Waste Characterization and Quantification with Projections for Future, Jun 2009 (PDF 884KB) ○ Vol. 2: Assessment of Current Waste Management System and Gaps therein, Jun 2009 (PDF 294KB) ○ Vol. 3: Targets and Issues of Concern for ISWM, Jun 2009 (PDF 301KB) ○ Vol. 4: ISWM Plan, Jun 2009 (PDF 3.6MB)
Waste Plastic	<ul style="list-style-type: none"> • Converting Waste Plastics into a Resource – Assessment Guidelines, Dec 2009 (PDF 678KB)
E-waste	<ul style="list-style-type: none"> • E-Waste <ul style="list-style-type: none"> ○ Vol. 1: Inventory Assessment Manual, Dec 2007 (PDF 1.7MB) ○ Vol. 2: E-waste Management Manual, Dec 2007 (PDF 2.2MB)

COMPENDIUMS

Project	COMPENDIUMS
Waste Agricultural Biomass (WAB)	<ul style="list-style-type: none"> • Converting Waste Agricultural Biomass into a Resource – Compendium of Technologies, Oct 2009 (PDF 5.2MB)
Waste Plastic	<ul style="list-style-type: none"> • Converting Waste Plastics into a Resource – Compendium of Technologies, Dec 2009 (PDF 1.4MB)



External Information Sources

- Countries/National Governments-



COUNTRIES / NATIONAL GOVERNMENT	
<ul style="list-style-type: none"> Germany European Union (EU) 	

EUROPEAN UNION (EU)	
European Commission	<ul style="list-style-type: none"> http://ec.europa.eu/environment/waste
European Environment Agency	<ul style="list-style-type: none"> http://www.eea.europa.eu/themes/waste
EIONET/European Topic Centre on Sustainable Consumption and Production	<ul style="list-style-type: none"> http://scp.eionet.europa.eu/themes/waste http://scp.eionet.europa.eu/facts/wastebase
EUROSTAT-Environmental Data Centre on Waste	<ul style="list-style-type: none"> http://epp.eurostat.ec.europa.eu/portal/page/portal/waste/data

International Environmental Technology Centre

Osaka

2-110 Ryokuchi Koen,
Tsurumi-ku,
Osaka 538-0036, Japan
Tel : +81 (0) 6 6915 4581
Fax : +81 (0) 6 6915 0304
E-mail : unep.tie@unep.org
Web: <http://www.unep.or.jp>

Thank You...

