

Working Group 4

E-waste Management

Presentation in WG 4

- E-waste issues in Asia
- Introduction of the overall Progress of Asia-Pacific e-waste project
- Development of Regional Technical Guidelines for E-waste Inventory and ESM 5R of E-waste
- Standards System of Waste Products Recovery in China
- International Recycling Network of Mobile Phone in Asia Region

Presentations in WG 4

- Home Appliances Recycling Law in Japan
- Policy Direction on E-waste Recycling in Korea
- China's Circular Economy: Treatment of E-waste
- E-waste Management: Thailand Experience
- Discussion points for the internationally-harmonized EPR
- E-waste management in India

Improvement of Domestic Management Schemes(1)

- What type of E-waste are generated in each countries?
 - Several estimation are conducted in Japan, Korea, China, India and so forth.
 - Guideline for inventory is being developed by BCRC-SEA. Some countries in Southeast Asia are making inventory, supported by SBC.
- What are the problems associated with E-waste?
 - environmental pollution, impact on health, unless they have good facilities.

Improvement of Domestic Management Schemes(2)

- What kinds of measures are introduced for e-waste management in each country?
 - Mandatory : Japan, Korea
 - Partnership : Thailand
 - Voluntary : Fuji-Xerox
- What mechanism exists especially for the recycling electronics home appliances?
 - Legal: Japan, Korea
 - Informal: China, India and other countries

Improvement of Domestic Management Schemes(3)

- Two major problems for constructing new systems
 - Collection
 - Recycling companies with environmentally sound technology often face shortage of e-waste, because of informal recycling.
 - Need participation of stakeholders.
 - Recycling facility
 - We need network of recyclers such as dismantling facility, non-ferrous refinery, plastic recyclers, glass recyclers and so forth.
- We need standard or guideline for evaluating recycling facilities and introducing certification system.
 - BCRC-SEA are making Guideline for 5R(3R + repair and refurbishment)
- Options for countries lack of technology
 - Improvement of existing recyclers, informal recyclers
 - Technology Transfer, Foreign Direct Investment
 - Export to foreign recyclers.

Promotion of International Effort(1)

- Two contradict observation
 - International trade of e-waste going to shame recycling, or improper recycling
 - State of art recycling with transboundary movement .
- What kind of international collaboration is possible to solve transboundary issues of E-waste?
 - Strict the enforcement of regulation of transboudary movement of hazardous waste.
 - Standard to distinguish secondhand electronics and e-waste should be developed.
 - Promoting good recyclers which has good facilities.

Promotion of International Effort(2)

- What kind of international collaboration is possible to solve trans-boundary issues of E-waste?
 - Policy harmonization,
 - Sharing experiences,
 - Training
 - Technology transfer
- How should EPR be applied to the situation of increasing trans-boundary movement of products?
 - Further discussion is necessary on harmonizing EPR.