Session 3: Putting SMM into a Broader Perspective

Japan’s 3R Initiative: Progress in national and international activities

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Overview: Inputs to the panel

1. Recent progress in Japan’s national 3R policies
   - focusing on indicators and target setting -

2. Interactions between Japan’s international activities and other international initiatives

3. Linkages / Complementarities between initiatives
1. Recent progress in Japan’s national 3R policies
   - 10th anniversary since the Fundamental Law for Establishing a Sound Material-Cycle Society was enacted in 2000
   - Economy-wide material flow indicators with targets in 1st FP
   - Supplementary indicators with/without targets in 2nd FP
     (RP denominated by DMI excluding construction minerals, monitoring RP by industrial sector, export/import of recyclables, co-benefits with GHG reduction etc.)
   - Recycling indicators for specific products & materials w./wo. targets
   - Indicators for measuring efforts by actors
   - Annual progress review of FP, involving various actors such as industries, NGOs, local governments & national ministries

2. Interactions between Japan’s international activities and other international initiatives

3. Linkages / Complementarities between initiatives
Trends of Material Flow Indicators;
Resource Productivity, Recycling Rate, Final Disposal Volume

*Resource Productivity: GDP divided by input of natural resources, etc.
**Recycling Rate: Recycling amount divided by recycling amount + input of natural resources, etc.
1. Recent progress in Japan’s national 3R policies

2. Interactions between Japan’s international activities and other international initiatives
   - Proposal of international joint research project on material flows at 2003 G8 environmental ministers – WGEIO’s activities for MF/RP
   - Proposal of 3R Initiative in 2004 G8 Sea Island Summit
   - Ministerial Conference on the 3R Initiative in 2005
   - Senior official meetings (in Tokyo and Bonn)
   - Kobe 3R Action Plan at G8 Environment Ministers Meeting in 2008
     1) Prioritize 3Rs Policies and Improve Resource Productivity
     2) Establishment of an International Sound Material-Cycle Society
     3) Collaborate for 3Rs Capacity Development in Developing Countries
   - Regional 3R Forum in Asia; launched 2009, 2nd meeting at Malaysia

3. Linkages / Complementarities between initiatives
1. Recent progress in Japan’s national 3R policies

2. Interactions between Japan’s international activities and other international initiatives

3. Linkages / complementarities between initiatives

- Holistic concept / approach vs. policy instruments
  (e.g. Holistic measurement of resource productivity by economy-wide material flows vs. indicators for specific materials and products)
- Common goal; Minimize resource use and environmental burdens
- Different scope according to policy priority and jurisdiction
- Possible roles of the OECD;
  - Trans-boundary issues (Think globally, act locally & globally)
  - Reliable and comparable data/statistics/metrics for progress review and benchmarking
  - Filling the gap between knowledge and policy
Trends in Japanese export of circulative resources

Source: MoEJ, Results of the second progress evaluation of the second FPSMCS