Work on material flows and resource productivity

UNCEEA meeting
New York, 24-26 June 2009

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Working Group on Environmental Information and Outlooks
Material Flows and Resource Productivity
Objectives and mandate

- **OECD Council Recommendation (April 2004)**
  - Improve information and develop common measurement systems, including accounts and indicators

- **OECD Council Recommendation (March 2008)**
  - Policies for improving RP
  - Analysis of MF and environmental impacts

- **Requests by G8 Heads of State and Government**
  - G8 3R Action Plan (2008)

- **Two main streams of work**
  - Establish a common knowledge base
  - Carry out policy analysis and evaluation

- Support the 3R initiative and Action Plan endorsed by the G8
Material Flows and Resource Productivity
Main streams of work and building blocks

Common knowledge base
(quantitative and analytical base)

- Measuring MF and RP
- Overall framework for MFA
- Methodological guidance: accounts, indicators
- Guidance for use & interpretation of indicators

Policy analysis, evaluation & guidance

- Sustainable materials management
- Trade in recyclable materials
- Sustainable manufacturing & eco-innovation
- Country environmental peer reviews

2005-2008

International initiatives
G8 3R Action Plan
UNEP Resource Panel
Private sector
Material Flows and Resource Productivity

Results so far

- **Guidance documents**
  - Synthesis report
  - Volume I: The OECD guide
  - Volume II: The Accounting Framework
    - Contribution to SEEA revision
  - Volume III: Inventory of country activities
  - Volume IV: Implementing national MF accounts
    - Forthcoming, prepared jointly with Eurostat

- Pilot data sets

- OECD-UNEP Conference
Material Flows and Resource Productivity
2008 Recommendation on Resource Productivity

- **Analysis of MF and their environmental impacts**
  - Analytical capacity and measurement systems
  - Scientific knowledge on impacts
  - MF data, accounts and indicators

- **Policies to improve RP & reduce environmental impacts**
  - Information for planning, target setting
  - Integrated life-cycle oriented approaches (3R, SMM, SM)
  - New technologies and innovations

- **OECD role**
  - Elaborate common principles and policy guidelines
  - Strengthen capacity for MF analysis at international level
  - Further develop and use MF analysis, RP indicators and methods for assessing environmental impacts

- **Report back in 2013**
Material Flows and Resource Productivity
Main streams of work and building blocks

Common knowledge base
(quantitative and analytical base)

Policy analysis, evaluation & guidance

2008-2013
Less on methodologies
More on information & reporting
More on indicators’ use & relevance

2008-2013
More on policy development and guidance

Closer integration

International initiatives
G8 3R Action Plan
UNEP Resource Panel
Private sector
Material Flows and Resource Productivity
Main streams of work and building blocks

- Policy instruments & mixes
- Review of policies & practices
- Common principles & policy guidelines

• Sustainable materials management
• Trade in recyclable materials
• Sustainable manufacturing & eco-innovation

• Performance assessments & policy recommendations
• Country environmental peer reviews

Common knowledge base
(quantitative and analytical base)

Measurement & reporting
Information base
Fact-based analysis & reporting
→ Report on the state of resources

Methods, principles & guidance
Policy dialogue on indicators
Methods and technical guidance

Policy analysis, evaluation & guidance

International initiatives
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Next events

- 2009 GFSD on Eco-innovation
- 2010 GFSD on Sustainable Materials Management
- 2011 Report on Kobe 3R Action Plan

[www.oecd.org/environment/resourceefficiency](http://www.oecd.org/environment/resourceefficiency)