



# Conference on Resource Efficiency

23-25 April 2008



## PROGRAMME



OECD Conference Centre  
Paris, France



ENVIRONMENTAL SERVICES ASSOCIATION



OAKDENE HOLLINS

Research and Consulting





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## BACKGROUND

In recent years, **international markets** for materials have changed with increasing international flows and a new geography of **supply and demand**. This reflects growing demands from OECD countries and emerging economies.

Global and domestic **resource use**, volatile market **prices** of many raw materials, and risks of **supply** disruptions have become important issues. Many valuable **materials** contained in waste are **lost** for the economy. This adds to concerns about the sustainability of natural resource use and the negative **environmental impacts** from the production and consumption of resources.

It is therefore critical to improve **resource efficiency**.

## OBJECTIVES

Organised as a **multi-stakeholder** event, the Conference provides an opportunity for **senior representatives** from governments, businesses, international organisations and civil society to discuss resource efficiency issues in the global context and influence **international debates**.

It responds to interest expressed by governments, businesses and civil society at national and international levels and supports activities steered by **G8** summits, including the **3R initiative** promoted under the presidencies of Germany and Japan in 2007 and 2008.

The Conference will address how improved **resource efficiency** can reduce the negative environmental **impacts** of resource extraction, processing, use and disposal, while securing adequate supplies of materials to sustain economic activity. It will review:

- ◆ **Knowledge and information** about material flows and resource productivity and their economic and environmental implications.
- ◆ **Policies, measures and instruments** that help reduce environmental impacts from the production and consumption of resources, and avoid waste of resources.
- ◆ The **framework conditions** for markets and public policies to play their role in improving resource efficiency and ensuring sustainable resource use, considering the related **development and governance** aspects.

## SCOPE

The focus will be on specific flows of materials (e.g. metals, plastics, paper, materials included in electronics), and on selected key sectors (e.g. mining, manufacturing, recycling, distribution).

## WHO WILL ATTEND THE CONFERENCE?

- ◆ Top-level and senior government officials.
- ◆ Business leaders.
- ◆ Leaders of trade unions and environmental NGOs.
- ◆ Representatives of IGOs.

The Conference takes place just before the meeting of OECD Environment Ministers on 28-29 April 2008.

## REGISTRATION: OPEN

Please note that late registrations may be refused due to space constraints.

**VENUE** OECD Conference Centre  
2, rue André Pascal  
75016 Paris, France

## ORGANISERS

The OECD and UNEP are major international players supporting governments in designing and implementing policies to promote resource efficiency. The **OECD** has published a policy-maker's guide on measuring material flows and resource productivity and developed recommendations on resource productivity. **UNEP** has launched an International Panel for Sustainable Resource Management.

## CONTACTS

- ◆ **OECD**, Environment Directorate:  
Mr. Christian Avérous, Ms Myriam Linster  
mailto: [edi-contact@oecd.org](mailto:edi-contact@oecd.org)
- ◆ **UNEP**, Division of Technology, Industry and Economics:  
Mr. Bas de Leeuw, Mr. Guido Sonnemann  
mailto: [sc@unep.fr](mailto:sc@unep.fr)



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### Conference Chairs

Mr. Mark J. MWANDOSYA, Minister for Water and Irrigation, Tanzania  
Mr. Masayoshi NAMIKI, Parliamentary Secretary for Environment, Japan

### Wednesday 23 April 2008

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14h00 **REGISTRATION**

15h00 **OPENING AND WELCOME STATEMENTS**

Mr. Pier Carlo PADOAN, Deputy Secretary-General, OECD  
Mr. Per BAKKEN, Acting Deputy Director, UNEP Division of Technology, Industry and Economics

15h30-18h30 **I. RESOURCE EFFICIENCY IN THE GLOBAL CONTEXT\*\***

**KEYNOTE SPEECHES:** Sustainable resource management and the 3R initiative

Mr. Ernst Ulrich von WEIZSÄCKER, Chair, International Panel for Sustainable Resource Management  
Mr. Masayoshi NAMIKI, Parliamentary Secretary for Environment, Japan

#### **Panel A *Government Perspective***

**CHAIR** Mr. Timo MÄKELÄ, DG Environment, European Commission

**Panellists** Ms. Susanne LOTTERMOSER, Federal Ministry for the Environment, Germany  
Ms. HUANG Miao, Ministry of Environmental Protection, The People's Republic of China  
Mr. Derry ALLEN, Environmental Protection Agency, United States  
Mr. Mark J. MWANDOSYA, Minister for Water and Irrigation, Tanzania

#### **Panel B *Business Sector Perspective***

**CHAIR** Mr. Carlos BUSQUETS, International Chamber of Commerce

**Panellists** Mr. PARK Young-Woo, Business Institute of Sustainable Development, Korea  
Mr. Dirk HAZELL, BIAC, Environmental Services Association, United Kingdom  
Mr. Jérôme LE CONTE, Veolia Environmental Services

18h30 **COCKTAIL RECEPTION**  
*hosted by Environmental Services Association and BIAC*

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\*\* Issues and challenges related to (i) developments in world markets and trade (link to supply security, globalisation, foreign outsourcing), (ii) policy implementation (link to the 3Rs, the circular economy, sustainable materials management (SMM), sustainable consumption and production (SCP), natural resource management, environmental impacts); (iii) development and governance (link to trade, investment frameworks, corporate responsibility, etc.).



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Thursday, 24 April 2008

## II. POLICIES, MEASURES AND TECHNOLOGIES

### 9h00 INTRODUCTORY STATEMENTS

Mr. Stephan BRINGEZU, Wuppertal Institute, Germany  
Mr. Philippe CHALMIN, CycloPe, University Paris-Dauphine, France  
Mr. Kohmei HALADA, National Institute for Materials Science, Japan  
Mr. Jim FAVA, Five Winds, United States

10h00 – 13h00

### MODULE 1 IMPROVING KNOWLEDGE : MATERIAL FLOW ANALYSIS AND INDICATORS

- ◆ Information for decision making (macro, micro)
- ◆ Business sector applications
- ◆ Scientific knowledge (impacts, costs)

**CHAIR** Mr. Øyvind LONE, Ministry of Environment, Norway  
**RAPORTEUR** Ms. Janet SALEM, UNEP

**LEAD SPEAKER** Mr. Yuichi MORIGUCHI, National Institute for Environmental Studies, Japan

**Invited Speakers** Mr. Stefan GILJUM, SERI, Austria  
Mr. Edgar HERTWICH, Norwegian University of Science and Technology  
Mr. Tomas HAK, Mr. Jan KOVANDA, Charles University Environment Center, Czech Republic  
Mr. Peter JONES, Biffaward, United Kingdom  
Mr. Sangwon SUH, University of Minnesota, United States  
Mr. Jyri SEPPÄLÄ, Finnish Environment Institute  
Mr. Istvan POMAZI, Mr. Elemér SZABÓ, Ministry of Environment of Hungary  
Mr. Suren ERKMAN, Université de Lausanne, Switzerland

10h00 – 13h00

### MODULE 2 FROM WASTE TO RESOURCES: GOVERNMENT POLICIES

- ◆ Materials management
- ◆ Markets and market instruments
- ◆ Legal and institutional frameworks
- ◆ Product policies

**CHAIR** Mr. Aldo RAVAZZI, Ministry of Environment, Territory and Sea, Italy  
**RAPORTEUR** Mr. Steven HALL, United Kingdom

**LEAD SPEAKER** Mr. Lars MORTENSEN, European Environment Agency

**Invited Speakers** Mr. Yasuhiko HOTTA, Institute for Global Environmental Studies, Japan  
Mr. Anthony CHIU, De La Salle University, Philippines  
Ms. Sara HARTWELL, Office of Solid Waste, United States Environmental Protection Agency  
Mr. Jürgen GIEGRICH, Institut für Energie-und Umweltforschung (IFEU), Germany  
Mr. Johann FELLNER, Technical University of Vienna, Austria  
Ms. Rut BIZKOVA, Ministry of Environment, Czech Republic  
Mr. Pierre PORTAS, Waste – Environment Co-operation Centre, France





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10h00 – 13h00

## **MODULE 3 TECHNOLOGY AND INNOVATION**

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- ♦ Clean technologies in key sectors
- ♦ New (bio-, nano-) technologies
- ♦ Information technologies
- ♦ Organisational innovation

**CHAIR** Ms. Betsy SHAW, National Center for Environmental Innovation, United States  
Environmental Protection Agency

**RAPPORTEUR** Mr. Xavier LEFLAIVE, OECD

**LEAD SPEAKER** Mr. Martin CHARTER, Surrey Institute of Art, United Kingdom

**Invited Speakers** Mr. Arne REMMEN, Aalborg University, Denmark  
Ms. Inge PAULINI, Federal Environment Agency, Germany  
Mr. Henrik ÖSTERLUND, Motiva Oy, Finland  
Mr. Arnold BLACK, C-Tech Innovation Ltd, United Kingdom  
Mr. Tom VEREIJKEN, Resource Efficiency Alliance, European Partners for the Environment  
Mr. Norio TAKEYAMA, Toshiba Corporation  
Mr. Ralf PFITZNER, Siemens  
Ms. Virginia ALZINA, Regional Activity Centre for Cleaner Production, UNEP MAP

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13h00 LUNCH BREAK

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14h30 – 18h00

## **MODULE 4 SUSTAINABLE MINING AND RECYCLING**

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- ♦ Corporate cases
- ♦ Metals stewardship
- ♦ Material recovery and recycling
- ♦ Governance and the Extractive Industries Transparency Initiative

**CHAIR** Ms. Birgitta LINDBLAD, Swedish Steel Producers Association, Sweden

**RAPPORTEUR** Mr. Guido SONNEMANN, UNEP

**LEAD SPEAKER** Mr. John ATHERTON, BIAC, International Council on Mining and Metals

**Invited Speakers** Mr. Robert CHASE, Ms. Marlen BERTRAM, International Aluminium Institute  
Mr. Hans-Sierd PIETERSEN, DG Enterprise, European Commission  
Ms. Heloisa V. de MEDINA, Centro de Tecnologia Mineral, Brazil  
Mr. Masayuki NAKA, Dowa Eco-System, Japan  
Mr. Christian HAGELÜKEN, Umicore  
Mr. Joachim LOHSE, Öko-Institut, Germany  
Ms. Maaïke FLEUR, Global Reporting Initiative  
Mr. Alain DUBREUIL, Natural Resources Canada



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14h30 – 18h00

## **MODULE 5 SUSTAINABLE MANUFACTURING AND DISTRIBUTION**

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- ◆ Corporate cases
- ◆ Product stewardship
- ◆ Remanufacturing
- ◆ Retailing and large-scale distribution

**CHAIR** Mr. Agustín GARCÍA-LÓPEZ, Ambassador of Mexico  
**RAPPOREUR** Mr. Karsten OLSEN, OECD

**LEAD SPEAKER** Mr. Gerald REBITZER, Alcan Packaging

**Invited Speakers** Ms. Kristin PIERRE, Green Suppliers Network, Environmental Protection Agency, United States  
Ms. Mary Ellen MIKA, Steelcase  
Mr. Joseph W. (Joe) ALLEN, Caterpillar  
Mr. Nick MORLEY, Oakdene Hollins Ltd, United Kingdom  
Mr. Peter WHITE, Procter and Gamble  
Mr. Olli-Pekka MÄKIRINTALA, Nokia  
Ms. Silke HERMANN, Advanced Micro Devices, Germany

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14h30 – 18h00

## **MODULE 6 INTERNATIONAL CO-OPERATION AND PARTNERSHIPS**

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- ◆ Development and MDGs
- ◆ Sharing good practices
- ◆ Capability Development
- ◆ Institution Building

**CHAIR** Ms. Ana QUIROS, EcoGlobal, Costa Rica  
**RAPPOREUR** Ms. Sonia VALDIVIA, UNEP

**LEAD SPEAKER** Mr. Greg NORRIS, Harvard University, United States

**Invited Speakers** Mr. Kazuhiko TAKEUCHI, University of Tokyo, Japan  
Ms. Stephanie HELLWEG, Institute of Environmental Engineering, Switzerland  
Mr. Toolseeram RAMJEAWON, University of Mauritius  
Mr. Michael KUNDT, UNEP/Wuppertal Institute Collaborating Centre on Sustainable Consumption and Production  
Mr. Detlev ULLRICH, Gesellschaft für technische Zusammenarbeit, Germany  
Mr. Smail ALHILALI, UNIDO  
Mr. Frank O'CONNOR, Ecodesign Centre Wales, United Kingdom  
Mr. Peter JAHNS, Effizienz-Agentur North Rhine Westphalia, Germany



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**Friday 25 April, 2008**

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9h00 – 10h00 **PLENARY FEEDBACK FROM MODULES 1 TO 6**

- Module 1. Mr. Øyvind LONE, Ministry of Environment, Norway
- Module 2. Mr. Aldo RAVAZZI, Ministry of Environment, Territory and Sea, Italy
- Module 3. Ms. Betsy SHAW, United States Environmental Protection Agency
- Module 4. Ms. Birgitta LINDBLAD, Swedish Steel Producers Association
- Module 5. Mr. Agustín GARCÍA-LÓPEZ, Ambassador of Mexico
- Module 6. Ms. ana quiros, Ecoglobal, Costa Rica

### III. MOVING THE AGENDA FORWARD

10h00 – 12h30

**PANEL C** *Civil Society Feedback and Perspective*

**CHAIR** Mr. Bas de Leeuw, UNEP

**Panellists** Ms. Doreen FEDRIGO, European Environmental Bureau, Brussels  
Mr. George VARUGHESE, Development Alternative, India  
Mr. Phil PEARSON, Trade Union Congress, United Kingdom

**PANEL D** *Trade, Investment and Governance*

**CHAIR** Mr. Ulrich BENTERBUSCH, G8 Heiligendamm Process

**Panellists** Mr. Juerg GERBER, World Business Council for Sustainable Development  
Mr. Siddhartha MITRA, Consumer Unity and Trust Society, India  
Mr. Dominique MAGUIN\*, Bureau of International Recycling

12h30 – 13h00 **CLOSING**

***Conference summary and outcomes***  
presented by the Conference Chairs

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\* To be confirmed.