

About the International Resource Panel

The International Resource Panel (IRP), established in 2007 and hosted by the United Nations Environment Programme (UNEP), provides independent, coherent and authoritative scientific assessment on the sustainable use of natural resources and the environmental impacts of resource use over the full life cycle.

By providing up-to-date information and best available science, the IRP contributes to a better understanding of how to decouple human development and economic growth from environmental degradation.

The IRP is co-chaired by Ernst Ulrich von Weizsäcker and Ashok Khosla. Panel members are internationally recognized scientists working on issues that include: harvesting and extraction of resources from ecosystems, production (including cleaner production, life-cycle analysis and eco-design), consumption and recycling (including material flows) and socio-economic policies, incorporating resource economics, policy and trade. Their core role is to develop scientific assessments on the environmental impacts caused by humans using resources throughout their full life-cycle, and advise on ways to reduce those impacts.



THE ADDRESS OF THE VENUE

REINHARDTSTRASSEN-HÖFE

Reinhardtstrasse 14
10117 Berlin

TRANSPORTATION

S-Bahn Lines

S5, S7, S75, S1, S2, S25: S-Bahnhof Friedrichstrasse

U-Bahn Lines

U6: U-Bahnhof Friedrichstrasse

Bus Lines

128, 109, and X9: Karlplatz

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and Nuclear Safety

12th International Resource Panel Meeting

High Level Dialogue on Resource Efficiency and
Sustainable Management of Metal Resources

April 24th 2013,
Reinhardtstrasse 14,
10117 Berlin



Impacts, challenges and opportunities of metals flows and cycles in the 21st century

Metals and their compounds are part of the fabric of modern society. Modern technology would be impossible without metals. The demand is therefore expected to remain high in the future.

However, metals production and use go hand in hand with environmental impacts. Key issues of concern for the sustainable management of metal resources are local impacts of mining, life cycle energy use, green house gas emissions or pollution of water. At the same time the sustainable management of metals also needs to respond to the imperatives of the social agenda of equity, employment and human well-being.

Sustainable metals management, including metal reuse and recycling, optimal design and resource efficiency throughout the whole value chain can reduce many of the environmental impacts while safeguarding the availability of metals.



Launch of IRP reports on metals

On the occasion of the 12th International Resource Panel meeting in Berlin, the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU) and the United Nations Environment Programme (UNEP) have the great honor to host a High Level Dialogue on Resource Efficiency and Sustainable Metals Management. It will bring together stakeholders from developed and developing countries including government officials, industry representatives, academic institutions and NGOs with expert members of the International Resource Panel.

The High Level Dialogue will mark the launch of two reports on metals by the International Resource Panel (IRP). The reports give a comprehensive picture of the potential environmental impacts of metals flows and cycles and suggest that only a systemic approach, for example through the promotion of resource efficiency, improved materials recycling and life cycle thinking, can live up to the challenges we face in the 21st century.



High Level Dialogue on Resource Efficiency and Sustainable Management of Metal Resources

15:15 Launch of IRP reports on metals

Key findings of the International Resource Panel reports on “Environmental risks and Challenges of Anthropogenic Metals Flow and Cycles” and “Metal Recycling - Opportunities, Limits, Infrastructure”

[Ashok Khosla](#)

Co-Chair International Resource Panel

Metals as a basis for German industry

[Oliver Bell](#)

President German Non-Ferrous Metals Association

Raw materials – a blessing or a curse for developing countries?

[Jürgen Maier](#)

Director German Forum on Environment and Development

Sound resources management for sustainable development in Africa – perception and expectations from a developing country

[Mark James Mwandosya](#)

Minister of State, President’s Office, Tanzania

Questions from the audience

moderated by [Sylvie Lemmet](#)

Director UNEP DTIE

16:00 The political challenge of Resource efficiency

The role of a scientific panel for solving a global challenge

[Achim Steiner](#)

Executive Director UNEP

Implementing the Roadmap for a Resource Efficient Europe

[Karl Falkenberg](#)

Director-General, GD Environment, European Commission

Towards a resource-efficient economy: the role of resource efficiency in German policy

[Peter Altmaier](#)

Federal Minister for the Environment, Nature Conservation and Nuclear Safety

Interactive discussion with panel and audience

moderated by [Sylvie Lemmet](#)

Director UNEP DTIE

17:00 Get-together