

## Effective Resource Technologies – The European Way

19th March 2012, Brussels



HELMHOLTZ  
| ASSOCIATION

Dear ladies and gentlemen,  
dear colleagues,

I am pleased to cordially invite you to participate in this year's Helmholtz Round Table on:

**Effective Resource Technologies –  
The European Way**  
on 19th March 2012, 5:30pm

*at the Representation of the Free State of Bavaria  
to the EU, Rue Wiertz 77, 1000 Brussels*

The lack of a secure supply of non-energetic raw materials is a threat to a number of industrial sectors in Europe. These raw materials are thus vital for the EU's economy and crucial for the development of sustainable technologies.

Yet, within the EU, exploration and extraction face increased competition with different forms of land use and a highly regulated environment. Drawing on the EU strategies on raw materials, our Round Table will discuss solutions to these

challenges. It will also present examples of how Helmholtz scientists, in collaboration with international partners, are working to provide new solutions through innovative research and industrial applications. Whatever path we follow – new extraction, recycling or substitution – the key to the solution will always require intense research and technological development.

I look forward to meeting you and exchanging views with you on these critical issues.

Kind regards,



*Jürgen Mlynek  
President of the Helmholtz Association*

## Our Research Centres

- Alfred Wegener Institute for Polar and Marine Research
- Deutsches Elektronen-Synchrotron DESY
- German Cancer Research Center
- German Aerospace Center (DLR)
- German Center for Neurodegenerative Diseases (DZNE)
- Forschungszentrum Jülich
- GEOMAR | Helmholtz Centre for Ocean Research Kiel
- GSI Helmholtz Centre for Heavy Ion Research
- Helmholtz Centre for Infection Research
- Helmholtz Centre for Environmental Research – UFZ
- Helmholtz-Zentrum Berlin für Materialien und Energie
- Helmholtz-Zentrum Dresden-Rossendorf (HZDR)
- Helmholtz-Zentrum Geesthacht Centre for Materials and Coastal Research
- Helmholtz Zentrum München – German Research Center for Environmental Health
- Helmholtz Centre Potsdam GFZ German Research Centre for Geosciences
- Karlsruhe Institute of Technology (KIT)
- Max Delbrück Center for Molecular Medicine (MDC) Berlin-Buch
- Max Planck Institute for Plasma Physics

## Programme

17:30 Get together

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18:00 Welcome addresses

- **Dr. Wolfgang Heubisch**, Bavarian State Minister of Sciences, Research and the Arts
  - **Prof. Dr. Jürgen Mlynek**, President of the Helmholtz Association
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18:20 • **Dr. Rudolf Strohmeier**, Deputy Director General Research Programmes, Statement of DG Research and Innovation

- **Gwenole Cozigou**, Director Chemicals, metals, mechanical, electrical and construction industries; Raw materials, Statement of DG Enterprise and Industry
- **Prof. Dr. Dr. h. c. Roland Sauerbrey**, Scientific Director of the Helmholtz-Zentrum Dresden-Rossendorf (HZDR)  
» The Helmholtz Association and its contribution to effective resource technologies «

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18:50 Panel discussion | Discussion moderated by **Jacki Davis**, Journalist

- **Patrice Christmann PhD**, Deputy Director, Corporate Strategy Directorate, BRGM (French Geological Survey)
  - **Prof. Dr. (PhD ZA) Jens Gutzmer**, Director, Helmholtz Institute Freiberg for Resource Technology
  - **Dr. Marion Jegen-Kulcsar**, GEOMAR | Helmholtz Centre for Ocean Research Kiel
  - **Henryk Karaś**, Corporate Advisor KGHM; Chairman of European Technology Platform on Sustainable Mineral Resources (ETP SMR)
  - **Wilfried Kraus**, Deputy Director General „Sustainability, Climate, Energy“, German Federal Ministry of Education and Research (BMBF)
  - **Prof. Dr. Jürgen Mlynek**, President of the Helmholtz Association
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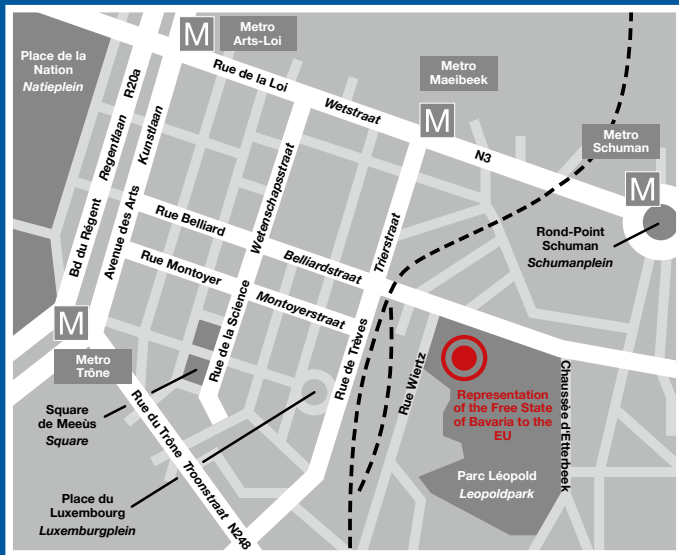
19:30 Informal buffet dinner

**PLEASE REGISTER BEFORE 8 MARCH 2012**

- Registration is exclusively online:  
*[www.helmholtz.de/raw-materials](http://www.helmholtz.de/raw-materials)*
- For questions, please contact Kristine August  
Phone **+32 2 5000 971** · eMail *[kristine.august@helmholtz.de](mailto:kristine.august@helmholtz.de)*
- To contribute to the sustainable use of natural resources  
this invitation was *printed on 100% recycled paper.*

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*GEOMAR (ROV-Team; Peter Linke), GFZ German Research Centre for Geosciences, TU Bergakademie Freiberg*



Kindly hosted by the  
Representation of the Free State  
of Bavaria to the European Union

Rue Wiertz 77 · 1000 Brussels