

# German Committee Future Earth

*Deutsches Komitee für Nachhaltigkeitsforschung in Future Earth*

Martin Visbeck (Chair)

*GEOMAR | Helmholtz Centre for Ocean Research Kiel  
Kiel Earth Institute*

# 1. German national committees over the last decades: different priorities and evolving communities

## Senatsausschuss für Umweltforschung

- **until 1995**
- multidisciplinary
- with contact points for **WCRP** and **IGBP**
- established by DFG



## German National Committee on Global Change Research

- **1996-2012**
- Interdisciplinary and integrated research
- linked to **WCRP, DIVERSITAS, IGBP, IHDP** and its partnership **ESSP**
- established by DFG and BMBF



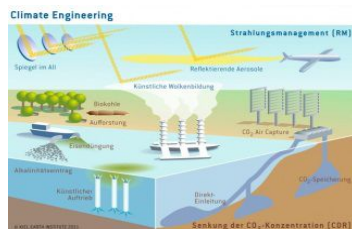
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NKGCF

# Interdisciplinary projects/workshops initiated by NKGCF:

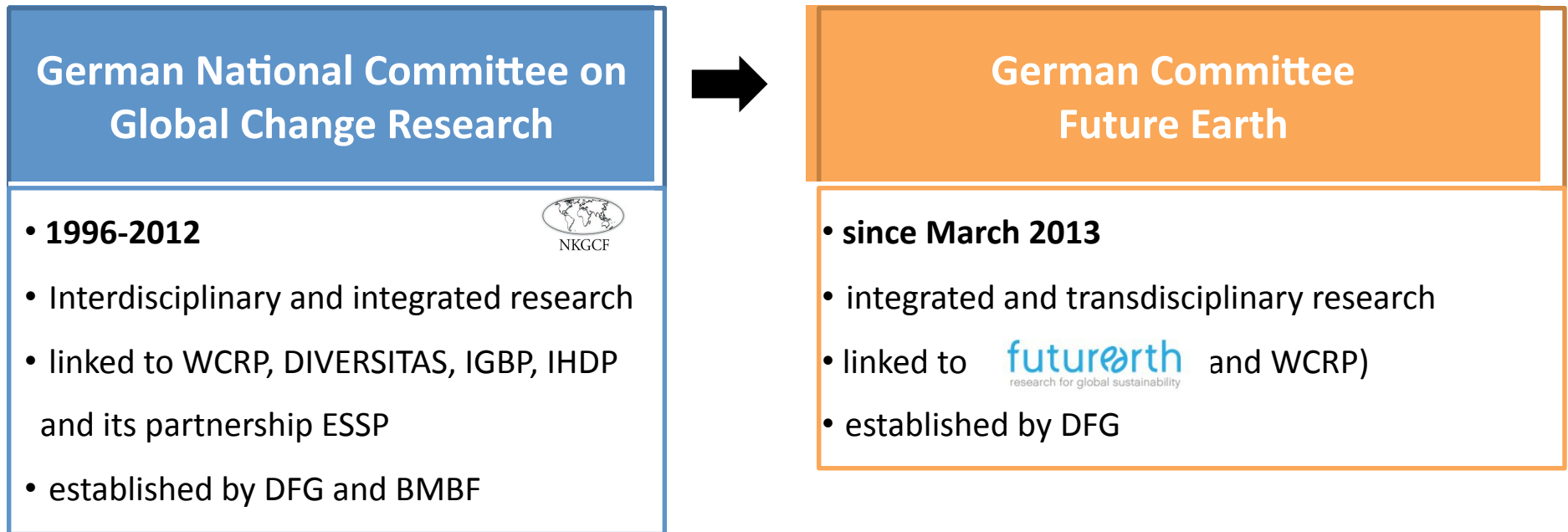


## Climate-Engineering: Risks, Challenges, Opportunities?

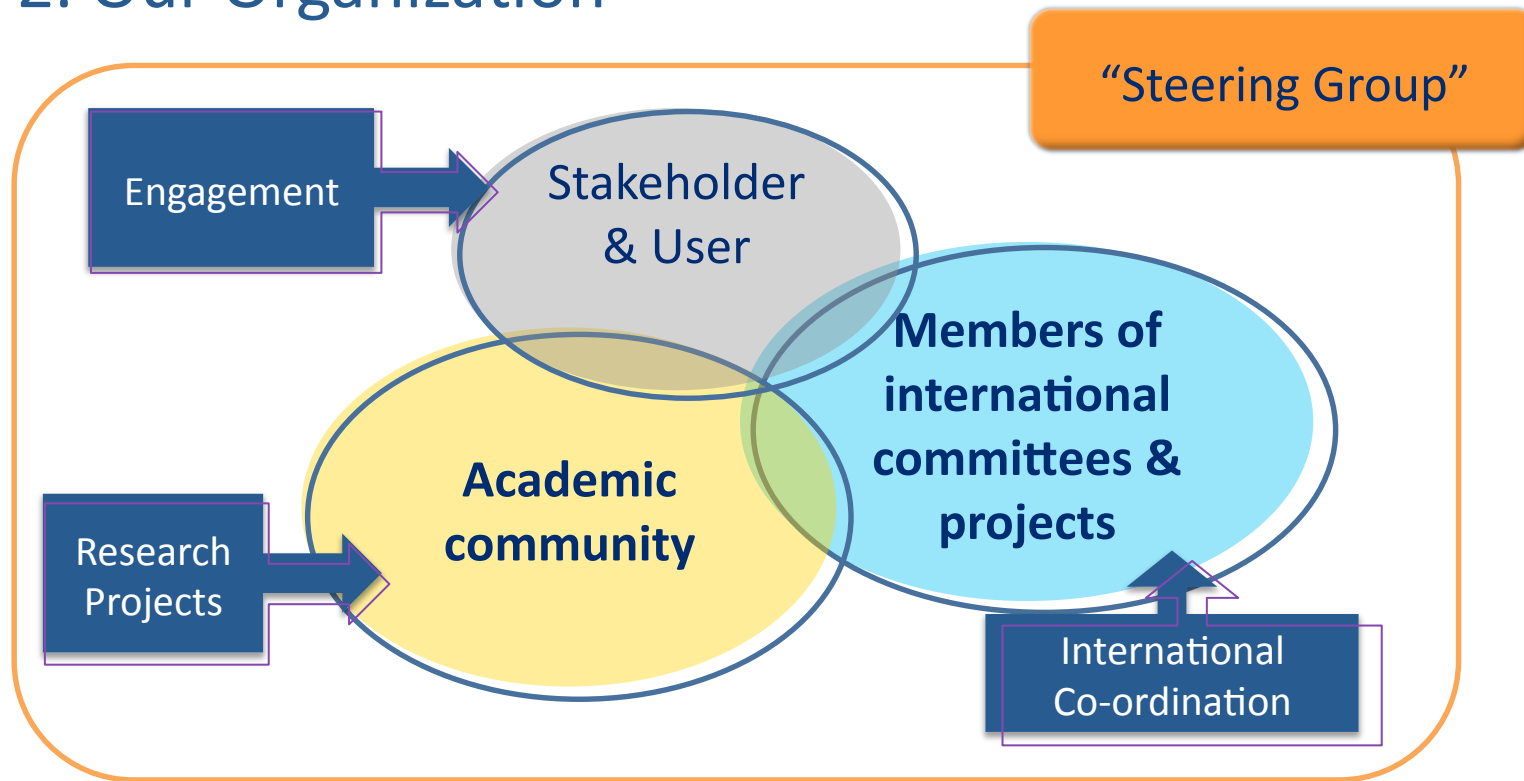


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# 1. German national committees over the last decades: different priorities and evolving communities



## 2. Our Organization



research for global sustainability  
**futureearth**

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# Members of DKN-Future Earth



**Armin Grunwald,**  
*Technological  
Impact Assessment*



**Christiane Schmullius,**  
*Geography,  
Remote Sensing*



**Wolfgang Lucht,**  
*Earth System  
Modeling*



**Volkmar Wolters,**  
*Biodiversity,  
Ecology*



**Karen Pittel,**  
*Environmental and  
Resource  
Economics*



**Martin Visbeck,**  
*Oceanography  
and Climate*

Ex-officio:

**Bettina Schmalzbauer,**  
*Scientific Secretariat*

**Johannes Karte,**  
*DFG (Environmental  
Research)*

**Christiane Joerk,**  
*DFG (Humanities and  
Social Science)*

working group  
members

working group  
members

working group  
members

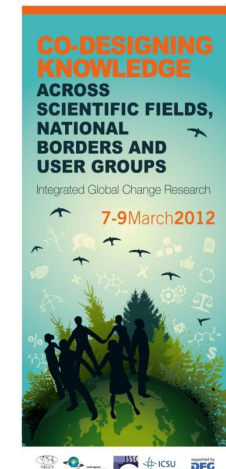
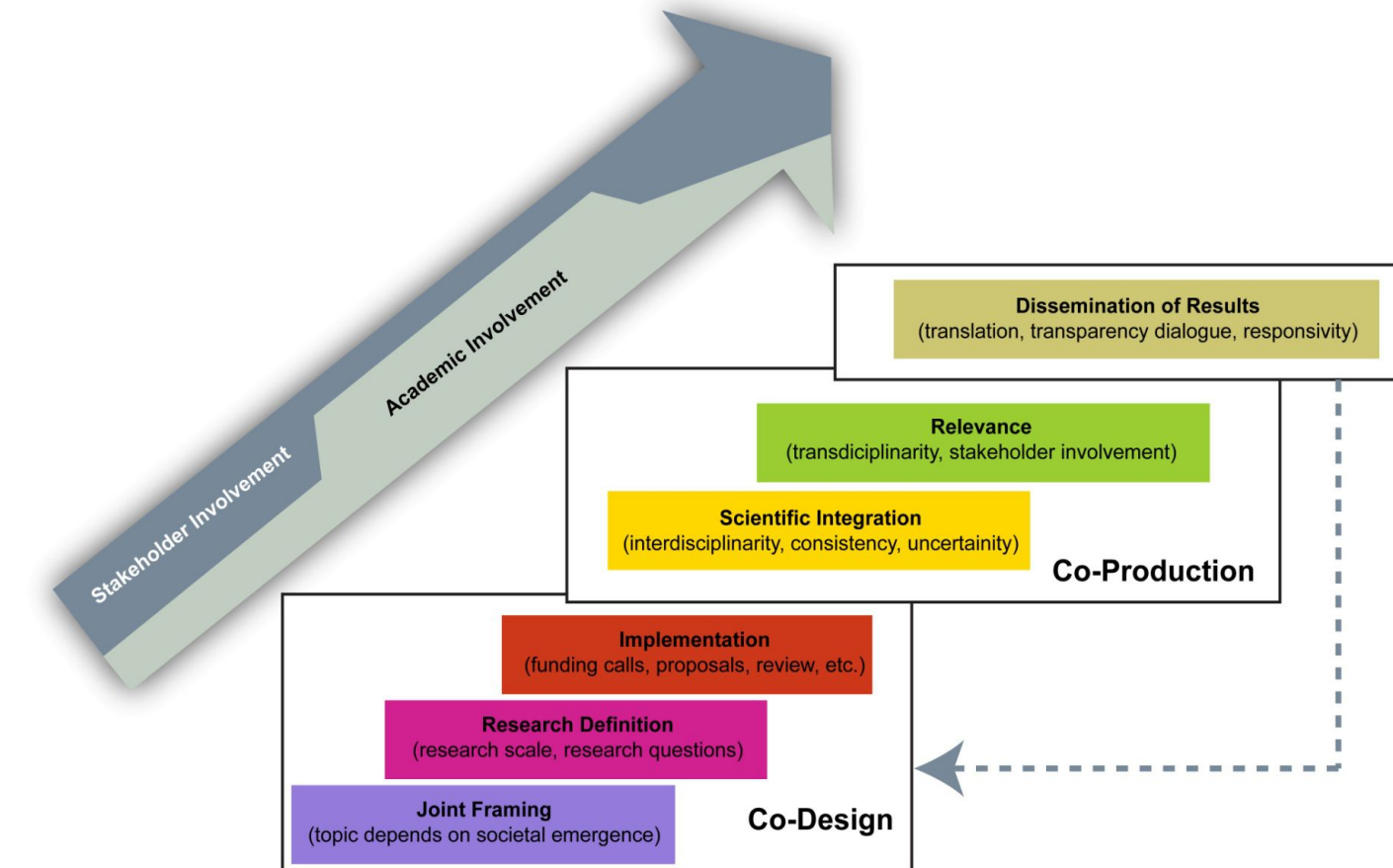
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...

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# The process of co-design and co-production of knowledge



Mauser W, Klepper G, Rice M, Schmalzbauer BS, Hackmann H, Leemans R, Moore H: Transdisciplinary global change research: the co-creation of knowledge for sustainability. *Current Opinion on Environmental Sustainability* 2013, (Submitted)

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## 3. DKN-FutureEarth Mandate (2013-2016)

### **(1) Development of scientific agenda**

- Identify and develop strategically important topics in sustainability research with scientific and societal relevance and bring these topics into the Future Earth process.
- Support the national and the international co-design processes to identify research questions.
- Initiate and support the development of new research approaches and conceptual challenges in Future Earth.
- Advice national research funders in support of Future Earth and related programs.

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### 3. DKN-FutureEarth Mandate (2013-2016)

#### **(2) National forum for researchers involved in sustainability research.**

- Encourage communication and involvement of German scientific community with the overall goal to bringing together social and natural sciences as well as engineers in research themes of Future Earth to further develop sustainability research.
- Encourage participation of German researchers in Future Earth belonging boards, committees, etc.
- Deliberate on support of young scientists in Future Earth research and recommend supportive measures/activities for integrative working scientist in sustainability research.
- Deliberate on scientific capacity building in Future Earth research in the context of a North-South-Dialogue

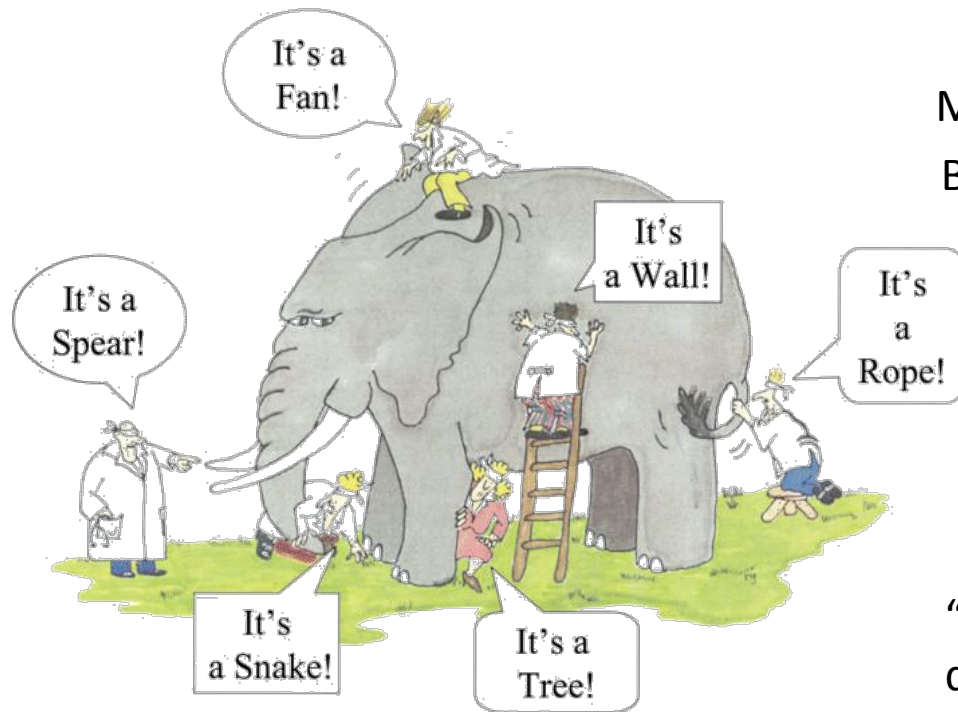
## 4. Planned Activities in 2013

- Expert discussion on the **Future Earth concept** (*11. Sept. 2013, Leipzig*).
- Review of new suggested collaborative research actions of Belmont Forum: „IPBES“, „E-Infrastructure“, „Economics in the Anthropocene“, „Decadal Analysis“
- Initiate the **dialogue with German stakeholders** interested in Future Earth research.
- Initiate a **young scientist network**.
- Establish an **interactive platform for German researchers** interested in Future Earth.

→ Next national Future Earth event planned for January 2014.

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“Only when you work together, sharing your different ideas and experiences, you will be able to discover the truth.”

(Gardy and Brinkmann, 2003; based on a Indian fable)

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