

About the re-organisation of the German National Committee

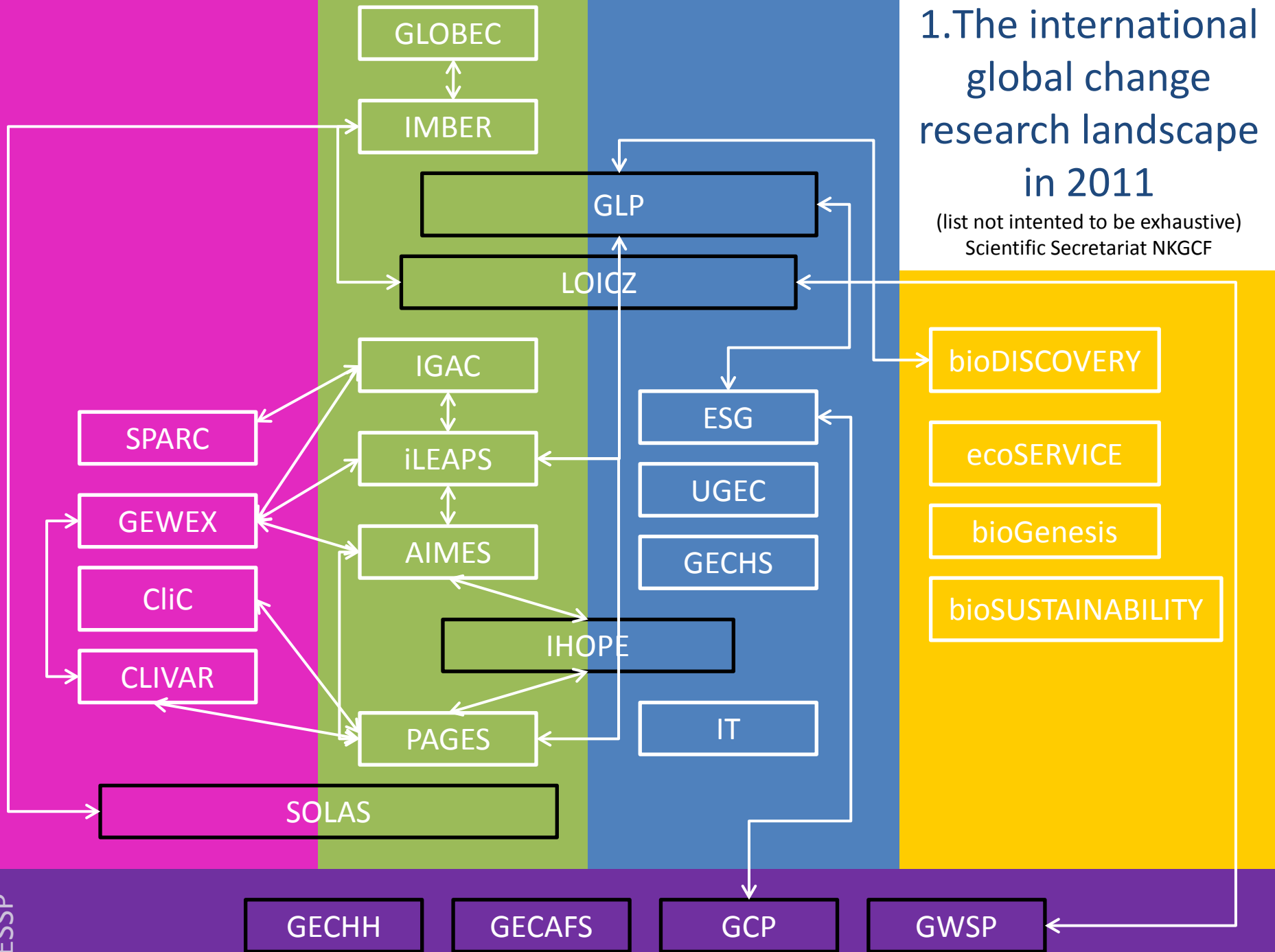
Deutsches Komitee für Nachhaltigkeitsforschung in Future Earth

German Committee Future Earth

www.dkn-future-earth.org

1. The international global change research landscape in 2011

(list not intended to be exhaustive)
Scientific Secretariat NKGCF



1.1 The challenges we face today:

- Feeding 9 billion people within sustainable planetary boundaries
- Valuing and protecting nature's services and biodiversity
- Adapting to a warmer and more urban world
- Transitioning to low carbon societies
- Providing income and innovation opportunities through transformations to global sustainability
- Reducing disaster risks and build resilience
- Aligning governance with stewardship
- Global scientific capacity building

1.2 The new international research program Future Earth

Future Earth will be a global platform to deliver:

- **„Future Earth will develop the knowledge for responding effectively to the risk and opportunities of global environmental change and for supporting transformation towards global sustainability.“**
- **Effective interdisciplinary collaboration** across natural and social sciences, humanities, and policy development, to find the best scientific solutions to multi-faceted problems;
- **Timely information for policy makers** by generating the knowledge needed to develop national and regional integrated assessments;
- **Participation of policy-makers, funders, academics, business and industry, and other sectors of civil society** in co-designing and implementing the program;
- **Increased capacity building** in science, technology and innovation, especially in developing countries, and strengthening the participation of scientists.

stewardship of food, water, health, energy, materials and other ecosystem services.

Understanding and evaluating strategies for governing and managing the global environment across scales and sectors, and transformations needed to move towards a sustainable future.

Integrating existing endeavours

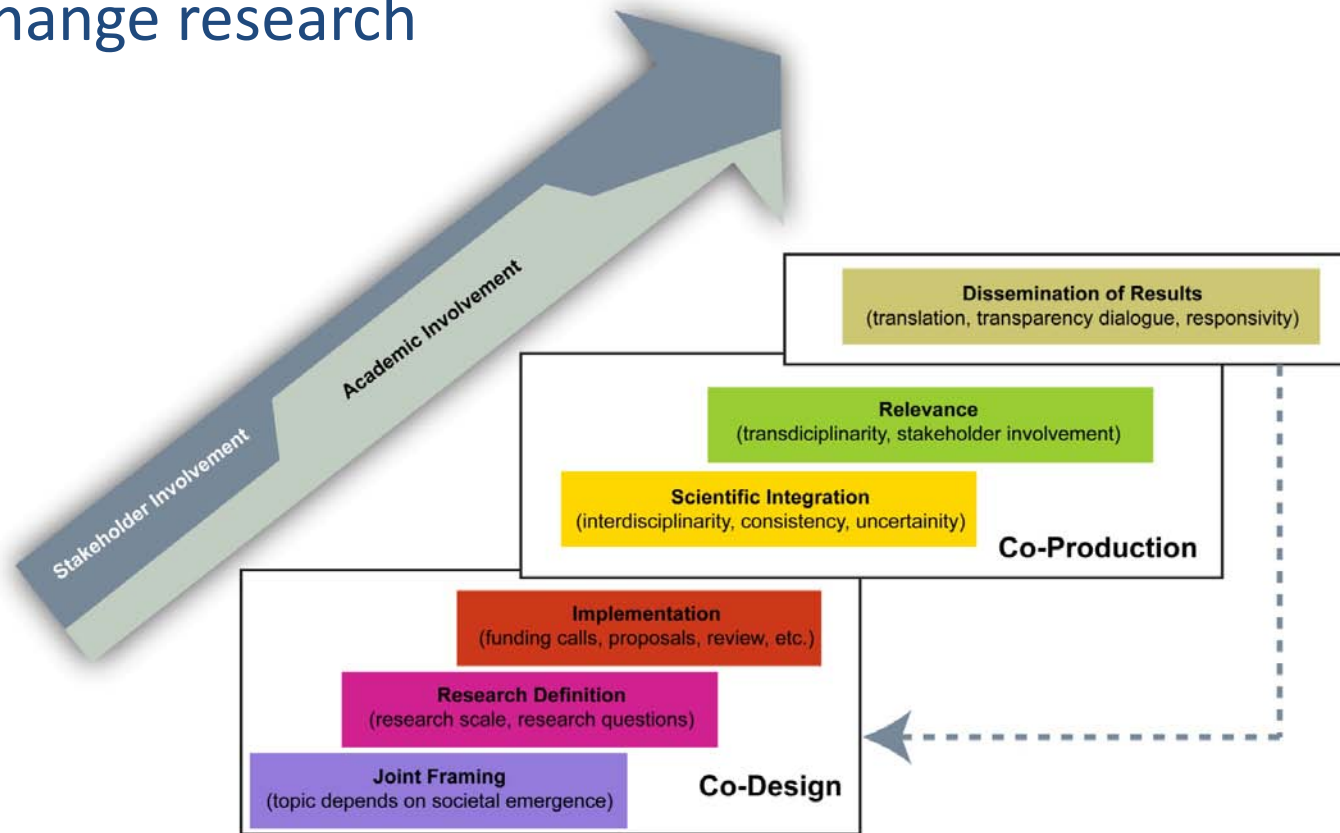
Future Earth will build on the success of existing global environmental change research programs and create a stronger and broader community. During 2012, both the Planet Under Pressure conference in London and the Rio+20 Earth Summit were important steps along the road to building this program.



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1.3 New approaches of knowledge production in global change research



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)

1.4 Two workshops in Germany to discuss Future Earth and the concepts of integrated research

CO-DESIGNING KNOWLEDGE
ACROSS SCIENTIFIC FIELDS, NATIONAL BORDERS AND USER GROUPS

Integrated Global Change Research

7-9 March 2012

http://www.nkgcf.org/integrated-research.php



5. Nationales Kolloquium des NKGCF

[home](#) [experten gesucht](#) [hintergrund](#) [einladung](#) [programm](#) [anmeldung](#) [anreise & unterkunft](#) [downloads](#) [kontakt](#)

Integrative Forschung im Rahmen von Future Earth 6. September 2012, Berlin

Experten gesucht: Bewerbung noch bis 30.9.2012 möglich

Das neue internationale Forschungsrahmenprogramm *Future Earth: research for global sustainability*, das auf der Londoner Konferenz *Planet under Pressure* im März 2012 vorgestellt wurde, setzt neue Schwerpunkte in der Global Change Forschung. Future Earth wird auf internationaler Ebene der Global Change Forschung nicht nur eine neue Struktur geben, sondern wird durch den Schwerpunkt auf Nachhaltigkeit die Global Change Forschung erweitern. Gleichzeitig werden neue Methoden der Forschung in den Mittelpunkt gestellt. Denn Forschung im Rahmen von Future Earth wird überwiegend in integrativer Art und Weise stattfinden und folgt dem sogenannten Co-Design und der Co-Produktion von Wissen.

Doch was genau ist Co-Design und Co-Produktion von Wissen? Was bedeutet die neue Schwerpunktsetzung für die Wissenschaft? Welche Veränderungen auf internationaler und nationaler Ebene wird es zur Folge haben? Wer ist von den Veränderungen betroffen?

Auf unserem **5. Nationalen NKGCF Kolloquium** möchten wir mit Ihnen über die neue internationale Schwerpunktsetzung der Global Change Forschung sowie den Anforderungen und Herausforderung aber auch den neuen Möglichkeiten für die Wissenschaft diskutieren.

http://kolloquium2012.nkgcf.org

NEWS

[1st "Future Earth" Newsletter online now](#)

[Vacancy: Future Earth Interim Director](#)

Future Earth Europe Regional Workshop, Paris, 13-14 May (upon invitation)

Die *Future Earth*-Initiative wird am **14. Juni 2012** auf dem ["Forum on Science, Technology and Innovation for Sustainable Development"](#) offiziell gestartet.



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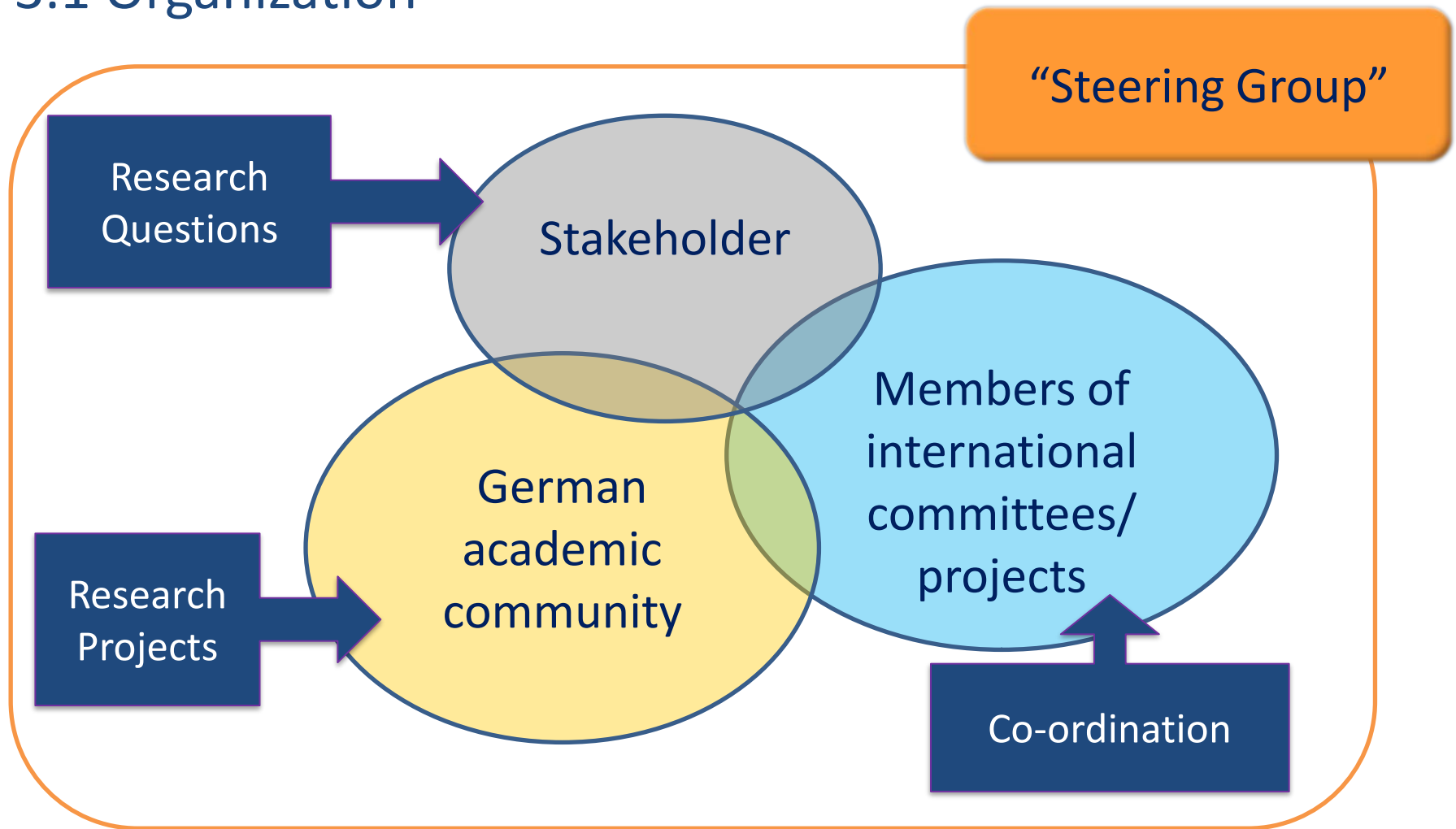
2. From disciplinary to integrated global change research



3. German Committee Future Earth: a national platform for integrated research in global sustainability

- Mandate for the „German Committee Future Earth“ proposed by NKGCF and supported by the German research community.
- Established by Deutsche Forschungsgemeinschaft (DFG) in March 2013.
- A committee with flexible working structures.

3.1 Organization



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German Committee Future Earth

3.2 Mission

Support the German community in

- identification of societal relevant research topics (co-designing).
- development of integrative research approaches.
- linking German researchers from natural sciences, social sciences and humanities.

Act as advisory board to DFG for strategic international issues in Future Earth.

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4. Activities in 2013

- European Regional Workshop on Future Earth (May 2013).
 - Review of the Future Earth concept (Sept. 2013).
 - Review of the proposed Belmont collaborative research actions.
 - Identify German stakeholders for Future Earth research.
- Next meeting of German Committee Future Earth (July/Nov. 2013).
- Next national Future Earth event in January 2014.