

Panel Discussion: “Towards water disaster risk reduction in Asia and the Pacific Ocean region”

Part2: Inter-disciplinary and Trans-disciplinary cooperation

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Asia Water Cycle Symposium

What is Future Earth?

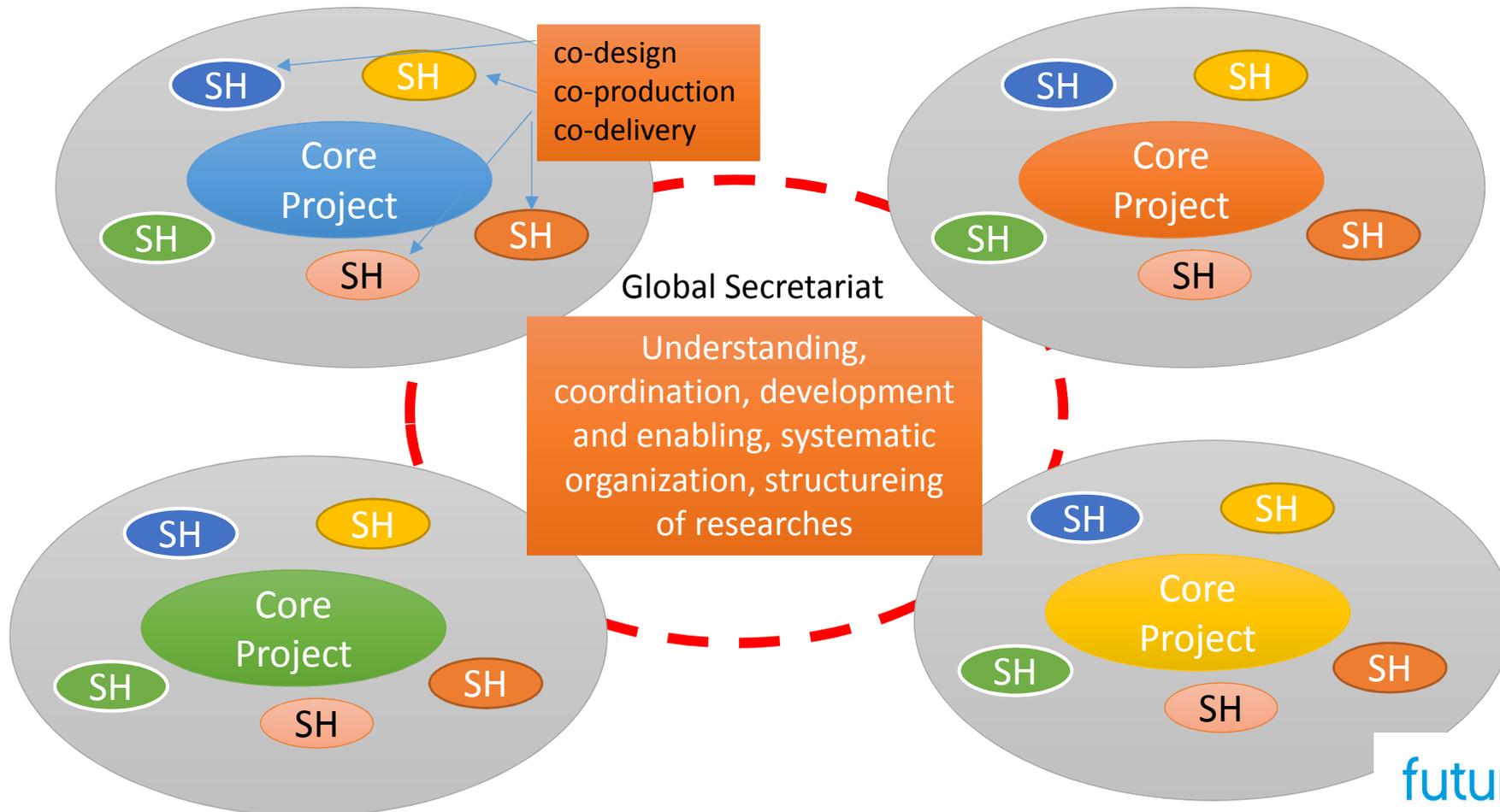
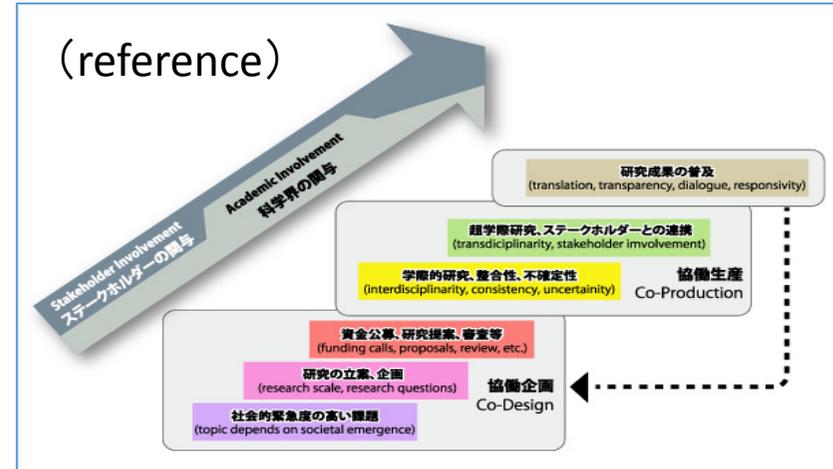
- A **global platform** for international research collaboration on global environmental change and sustainable development
 - Providing **integrated research** on major global change challenges and transformations to sustainability
 - Strengthening partnerships between researchers, funders and users of research through **co-design** of research
 - **Solutions-oriented**, aiming to generate knowledge that contributes to new more sustainable ways of doing things
 - **Communicating** science to society and society to science
- *Responding to the need for a more nimble innovation system for global sustainability in the face of increasing rates of change*

1. How to enhance collaboration between natural science and socio-economic science communities?
2. How to promote dialogue among stakeholders, share needs and co-design collaborative research plans?

Two key aims of Future Earth

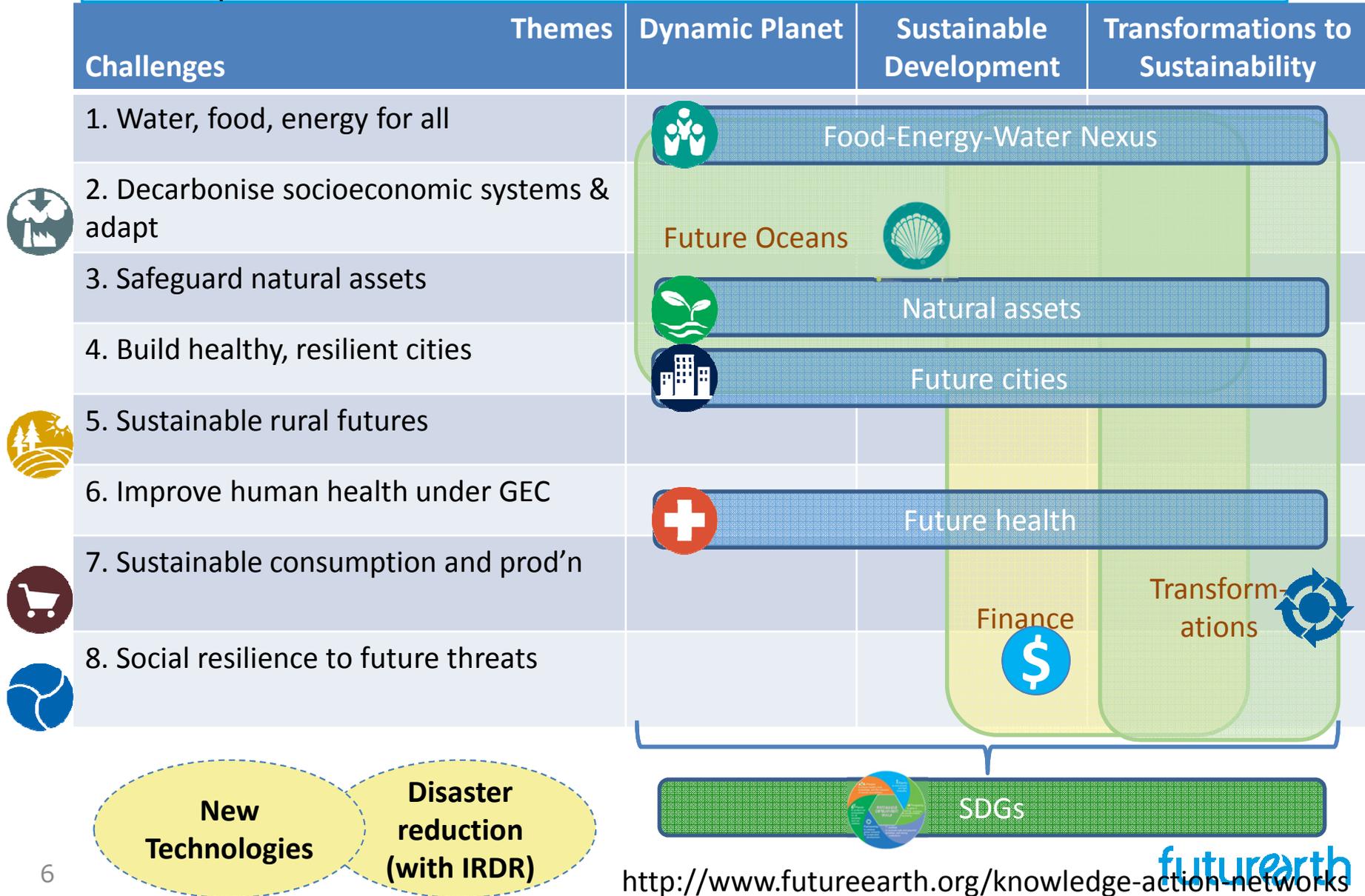
- **Scientific integration** across natural and social sciences and humanity: **Interdisciplinary approach**
- **Co-creation** of knowledge with stakeholders in the society: **Transdisciplinary approach, stakeholder engagement**
 - **Co-design**: research planning (incl. theme, methods)
 - **Co-production**: research conduct
 - **Co-delivery**: application of the research products in the society

Engagement of Stakeholders in Future Earth Core Projects



Further common platform: Knowledge Action Networks (KANs)

Aim to generate the multifaceted knowledge needed to inform solutions for complex societal issues



How to enhance collaboration between natural science and socio-economic science communities?

2. How to promote dialogue among stakeholders, share needs and co-design collaborative research plans?

- Social science is welcomed and encouraged to get involved from the first- e.g. ISSC in Future Earth Governing Council, members of Engagement Committee and of Committee of Science Council of Japan
- Some of the projects and Knowledge-Action Networks are really social science-driven
- Making good use of Knowledge-Action Networks
- Basic criteria at the planning and reporting stages of projects
- Learning from leading examples in various fields