

# ***Accelerate transformations to global sustainability through research and innovation***

A systems approach to sustainability science: 19 Global Research Projects, 8 Knowledge-Action Networks & Earth Commission

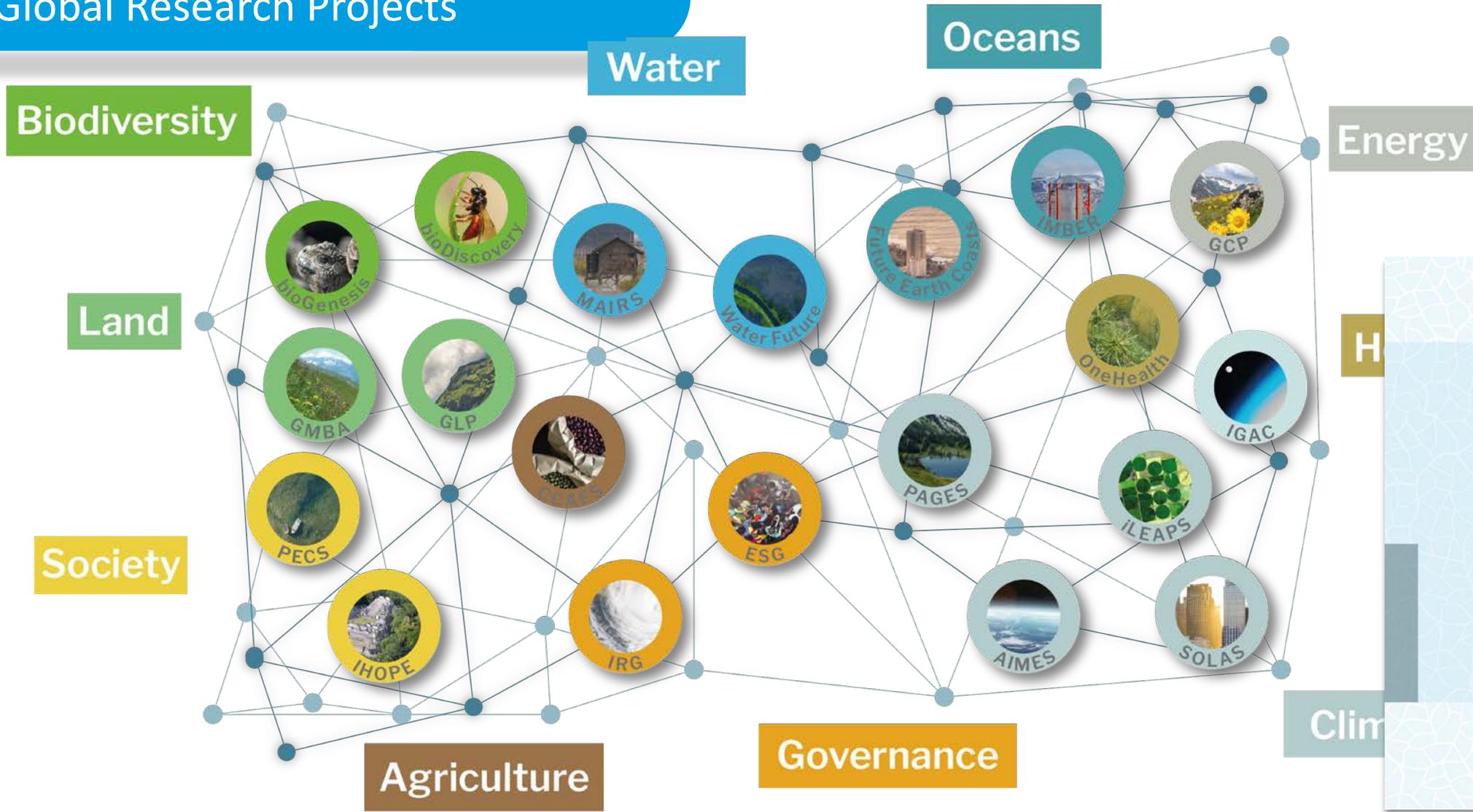
Co-design & transdisciplinary

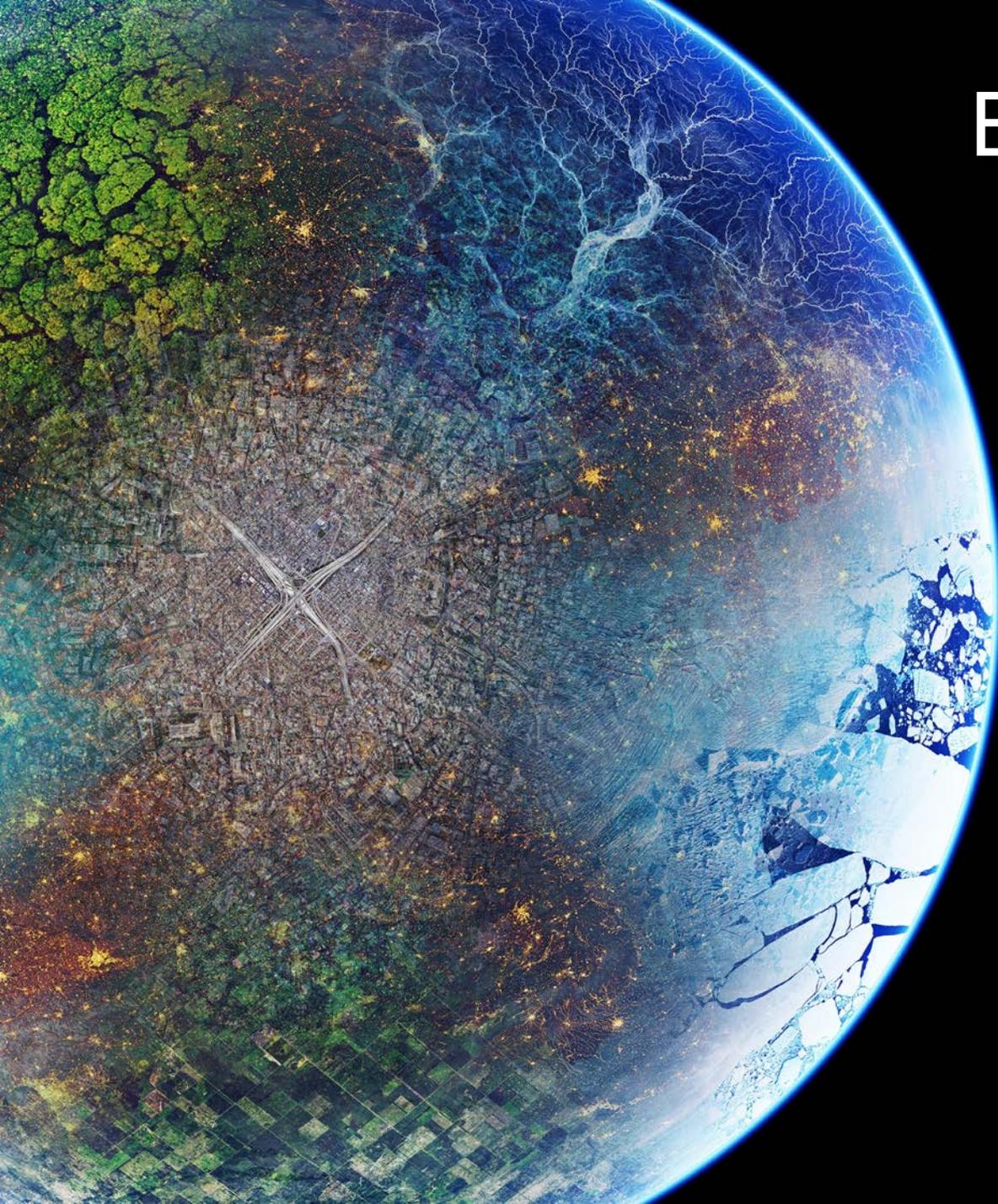
Linking scales from global to local and local to global

Focus on Tipping Points



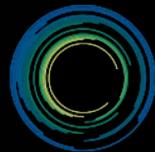
# Global Research Projects





# EARTH COMMISSION

- An independent scientific assessment to define a safe and just corridor for people and planet
- Underpins the setting of science based targets for business, nations and cities
- Focus on tipping points



GLOBAL COMMONS ALLIANCE  
A PLAN FOR THE PLANET

futurearth



- **Widening use of ESA and CCI data products** within Future Earth's Global Research Projects
- Supporting EO **capacity building, awareness and communications** e.g. *10 Climate Insights* reports for UNFCCC
- Identifying **opportunities for collaboration and potential ESA contributions** in the international context – GEO, CEOS, UNFCCC.
- Key initiatives e.g. RECCAP critical for the Global Carbon Project research.
- Observation needs
  - biosphere functions for Earth system stability
  - Modelling of tipping points