

Key ICSU activities: 2013-

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Deputy Executive Director

International science for the benefit of society



Focus for 2013

- Future Earth
- Urban Health and Wellbeing
 - ⇒ Unions meeting, 29-30 April, 2013
- Freedom and responsibility
- Future Horizons
- CODATA review (complete in mid-2013)
- External review of ICSU (start in mid-2013)

BELMONT
F O R U M



ICSU

International Council for Science

Future Earth: research for global sustainability



**UNITED NATIONS
UNIVERSITY**



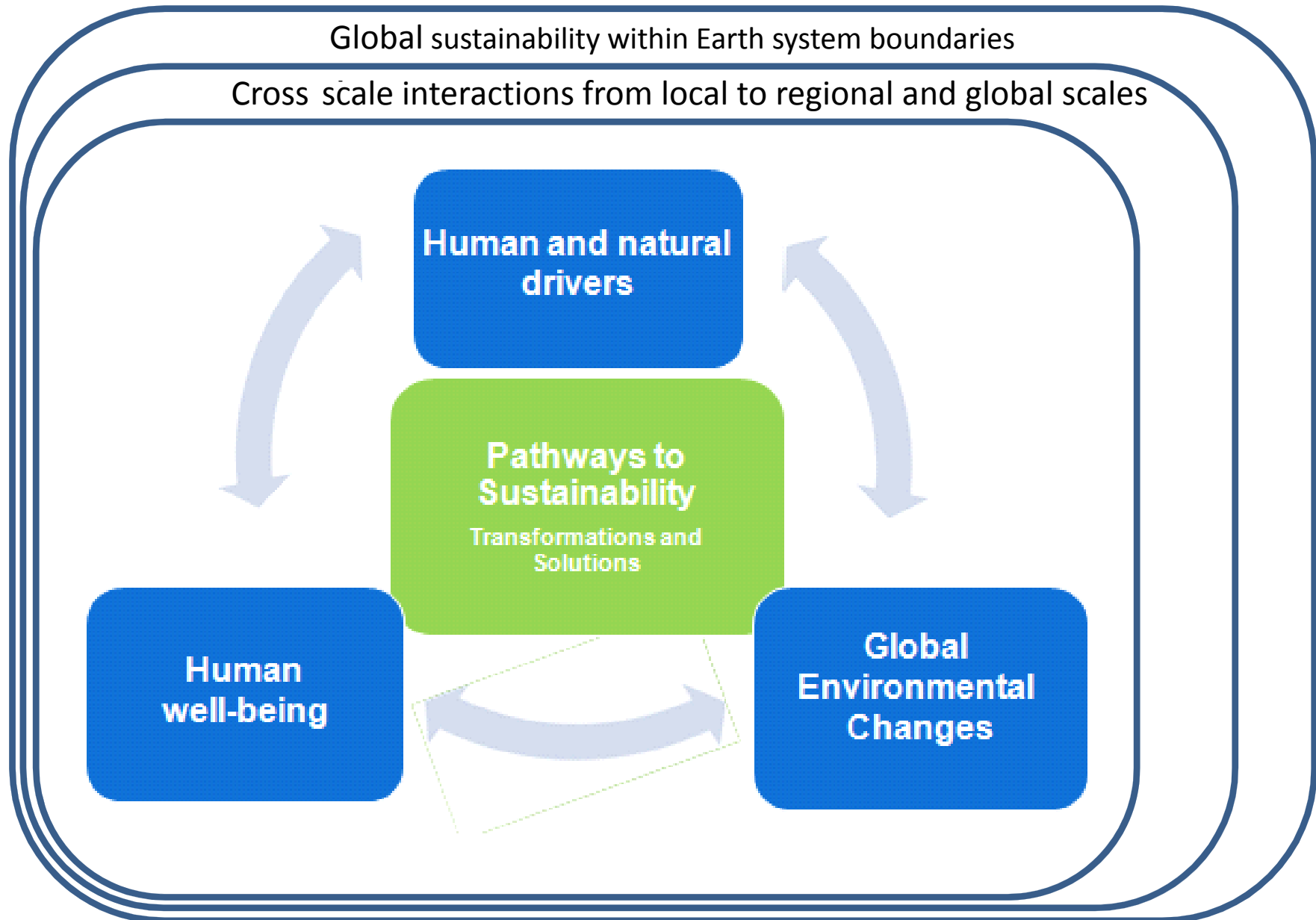
United Nations
Educational, Scientific and
Cultural Organization



WMO as
observer

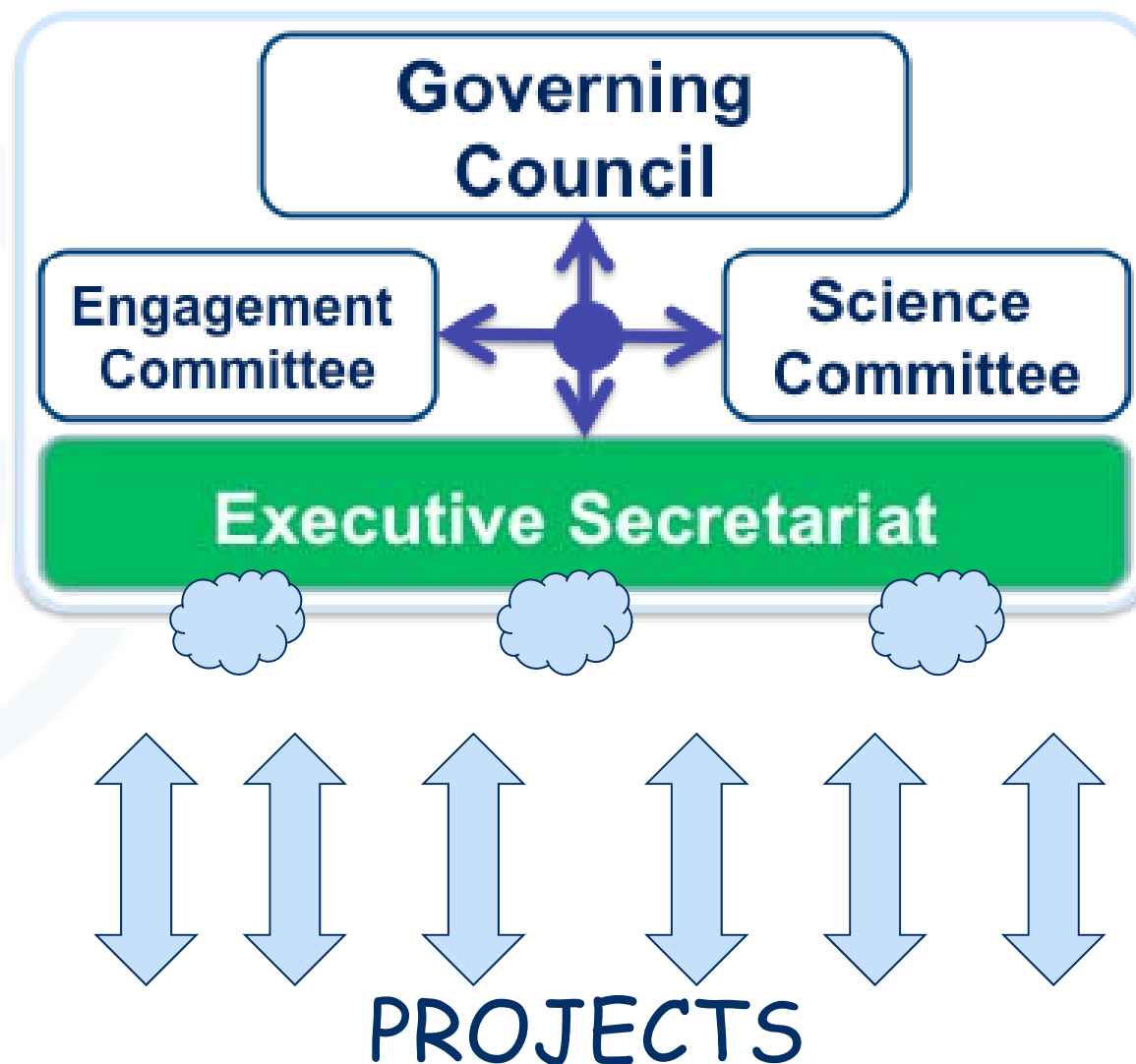
**Science and Technology Alliance for
Global Sustainability**

Conceptual framework for Future Earth



	<i>Proposed Research Themes</i>
1	Dynamic Planet: Observing, explaining, understanding, projecting earth, environmental and societal system trends, drivers and processes and their interactions; anticipating global thresholds and risks.
2	Global development: Providing the knowledge for sustainable, secure and fair stewardship of food, water, biodiversity, health, energy, materials and other ecosystem functions and services.
3	Transformation towards Sustainability: Understanding transformation processes and options, assessing how these relate to human values, emerging technologies and economic development pathways, and evaluating strategies for governing and managing the global environment across sectors and scales.

Governance of Future Earth

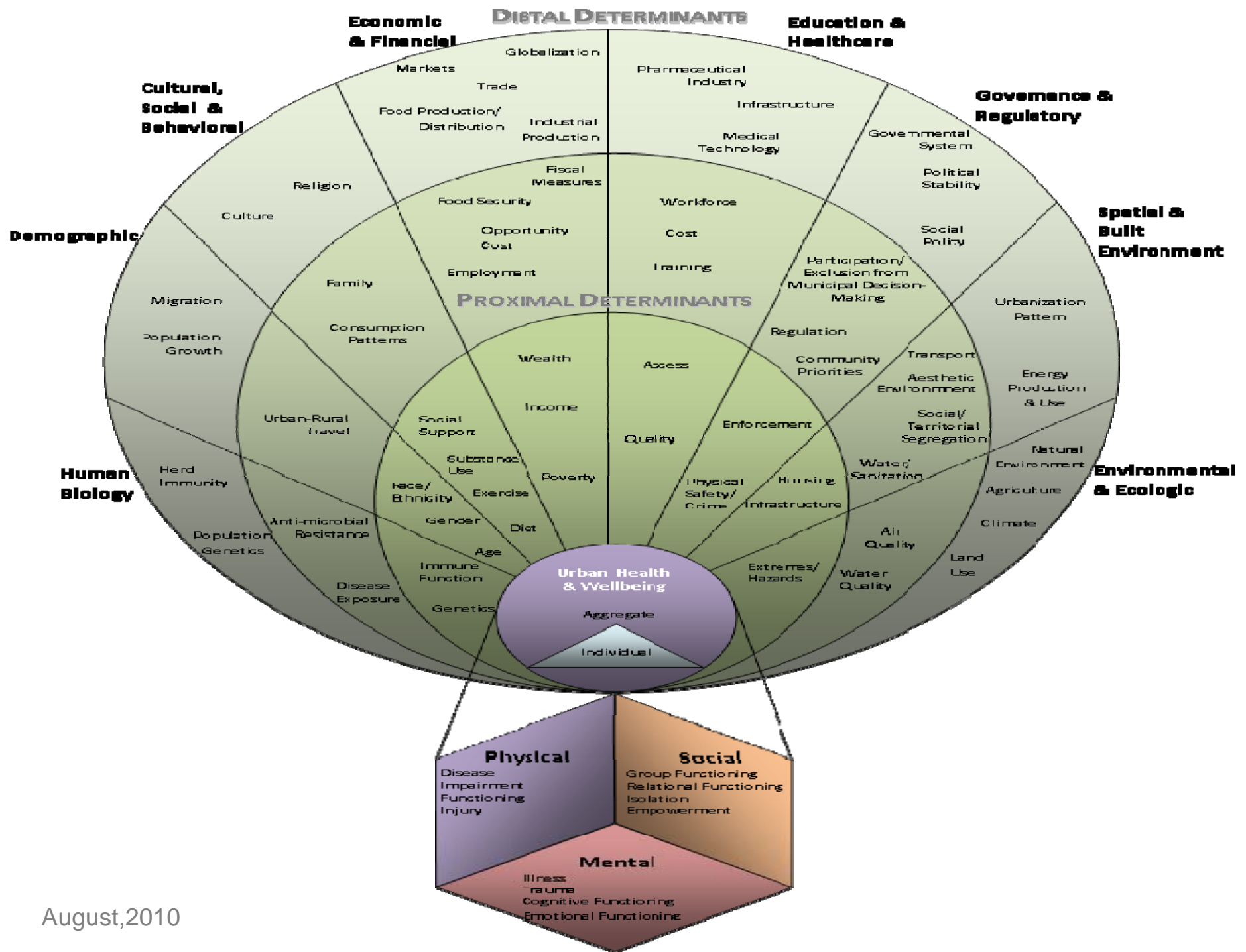


The next steps for Future Earth



Spring 2012:	First Belmont Forum call for integrative research
Oct-2012 – Jan-2013:	Regional Consultation meetings
Nov-2012:	GEC-projects Consultation meeting
Dec-2012 – Apr-2012:	Future Earth presentations (e.g. AGU, EGU, AAAS)
Oct-2012:	Establishing the Transition Management Project Board
Oct-2012 – Apr-2013:	The Alliance will function as an interim Governing Council
Jan-2013:	Recruiting Interim Director and nominating Science committee members
April-2013:	Appointing Science committee members
Spring-2013:	Competitive call for funding and hosting executive secretariat
April-2014:	Future Earth fully operational

“A systems analysis approach to health and wellbeing in the changing urban environment”



August, 2010

Progress and next steps

Dec 2012 First Scientific committee meeting

Jan 2013 Call for Internat Prog. Office

April 2013 Select IPO

May 2013 2nd SC meet and Reg project development

September, 11-13 Health Dynamics conference, Paris

End 2013 IPO established and first projects funded

Freedom and Responsibility issues

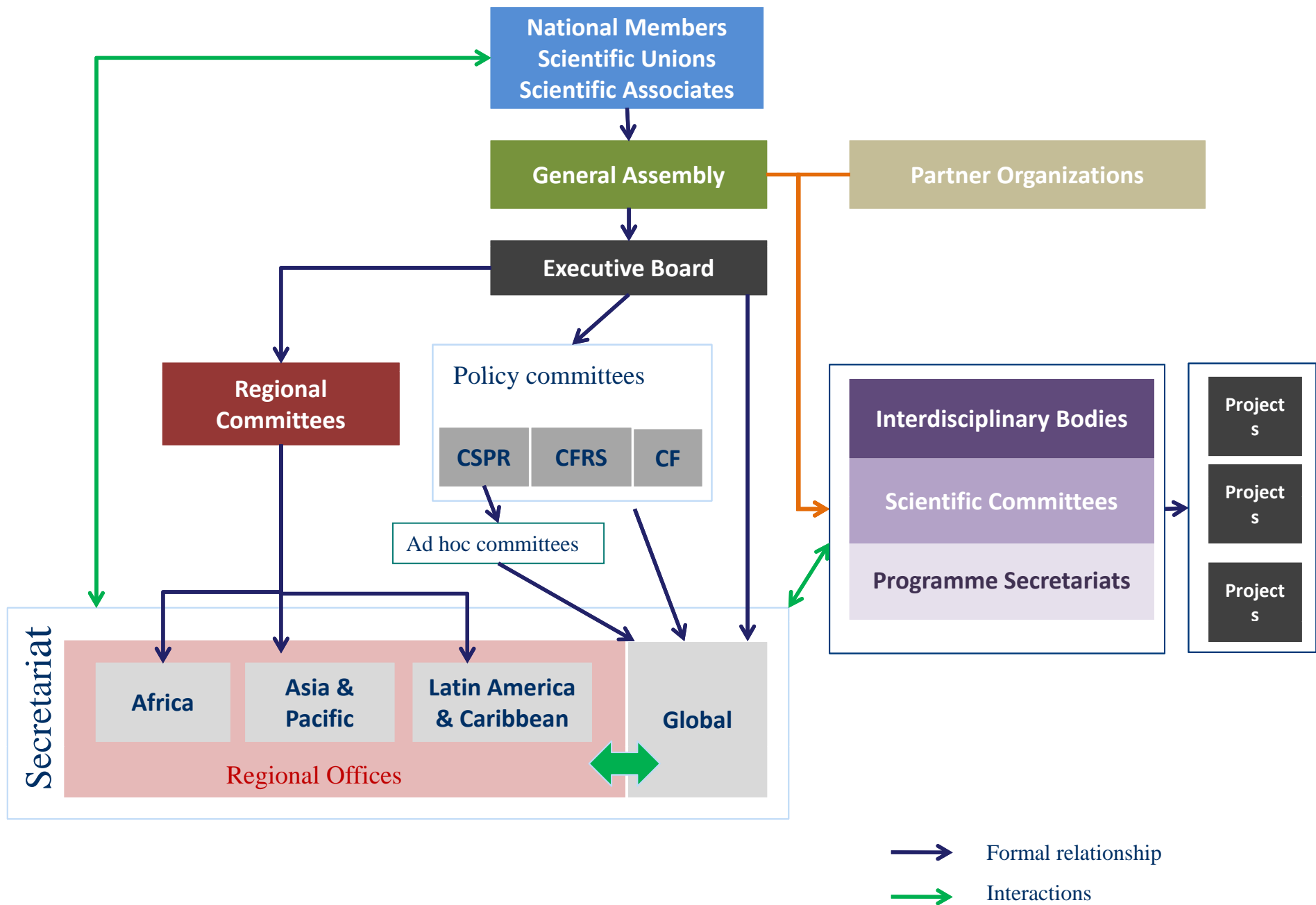
- Concern and cases from several countries, including Turkey, Iran and Russia.
- A watching eye on the implications of the 'Arab spring' for scientific freedom
- Extended visa delays including for transit visas via USA and Europe.
- Academic freedom: muzzling and whistle blowers (also L'Aquila case)
- World Conference on Research Integrity, Montreal, 5-8 May, 2013

Unions meeting

29-30 April, 2013 in Paris: “*ICSU and the Unions – maximising our mutual benefit*”

1. How can the Unions and the disciplines that they represent best contribute to ICSU programmes?
2. How can ICSU work (and communicate) better with its Unions?

www.ICSU.org





photos: www.dawide.com

Future Earth

To provide the knowledge required for societies in the world to face risks posed by global environmental change and to seize opportunities in a transition to global sustainability

Project Criteria

- **Inter-disciplinary approach,**
- **Collaborative with key stakeholders**
- **Systems analysis methodology**
- **Multiple determinants of health and wellbeing**
- **Needed data are obtainable**
- **Projects should actively involve decision or policy-makers**

Products/outcomes:

- **Useful narratives for decision or policy-makers**
- **sustainable partnerships between scientists and stakeholders**
- **New shared data bases.**