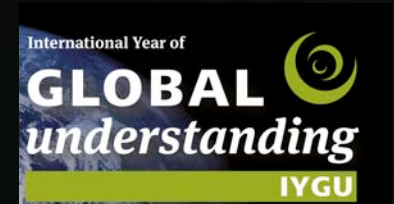
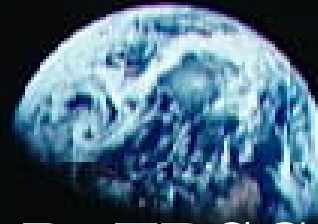


# How Socio-Environmental Values Influence Production and Consumption's Patterns



**Gordon McBean, CM, PhD, FRSC, FIUGG, FAGU**

**President, International Council for Science**

**Co-Chair, Governing Council, Future Earth**

**Professor Emeritus, Western University, London, Canada**

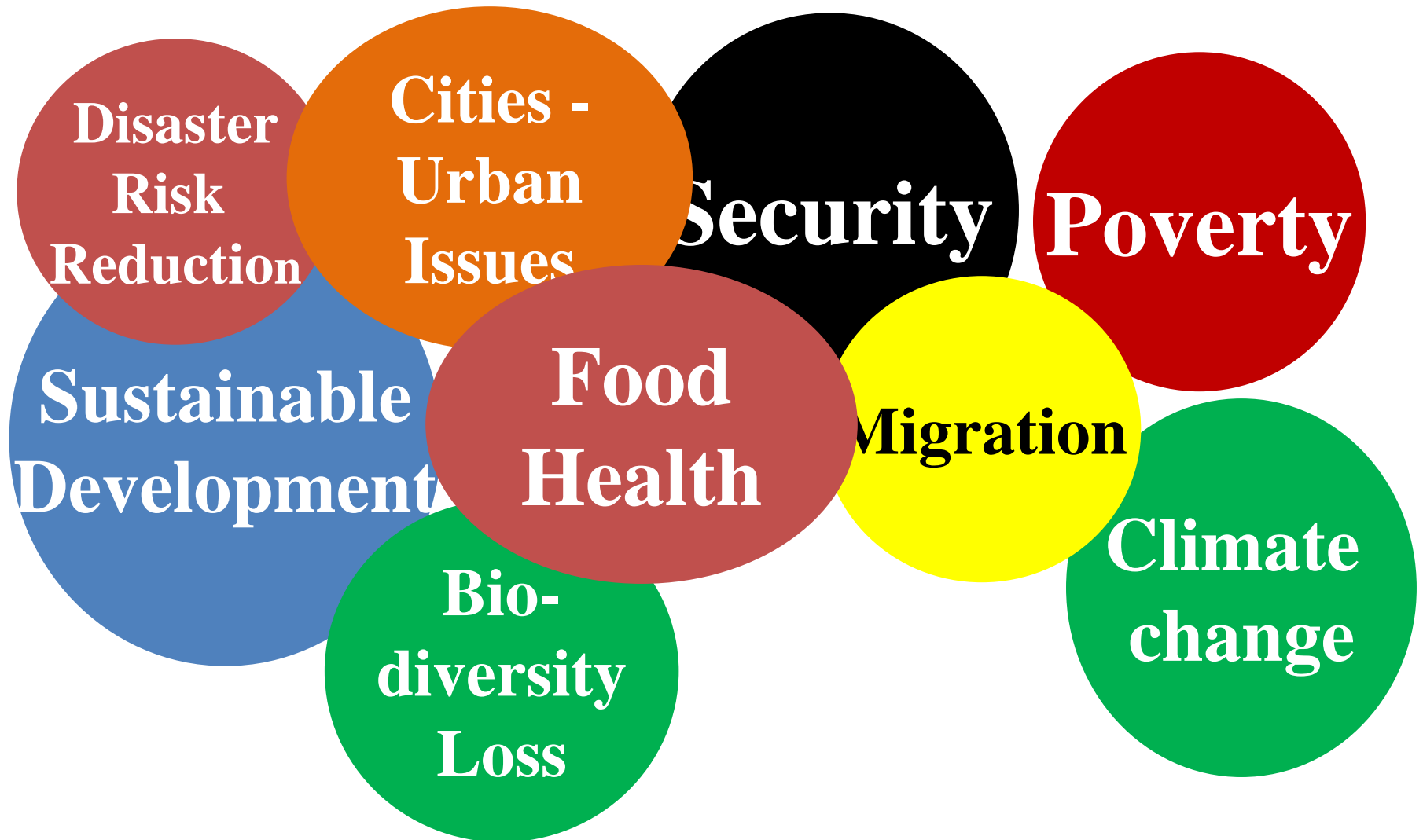
**Presentation to: CNI Sustainability**

**Rio de Janeiro**

**22 September 2016**



# Socio-Environmental Issues for Production and Consumption



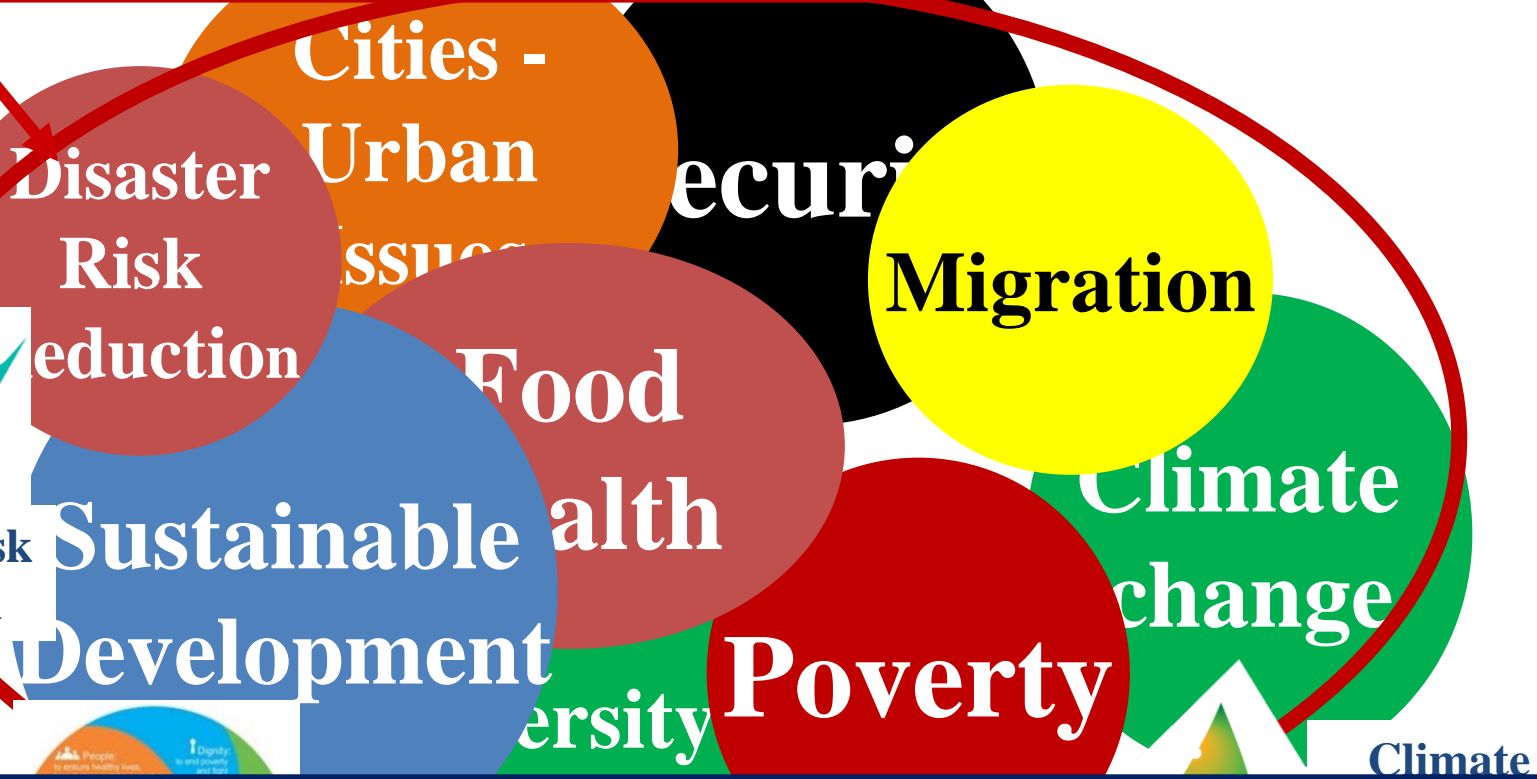
**Need for integrated information  
to “see” the possible futures and  
actions that will make a difference**

Production and

**2015  
Policy  
Agenda**



**Disaster Risk  
Reduction**



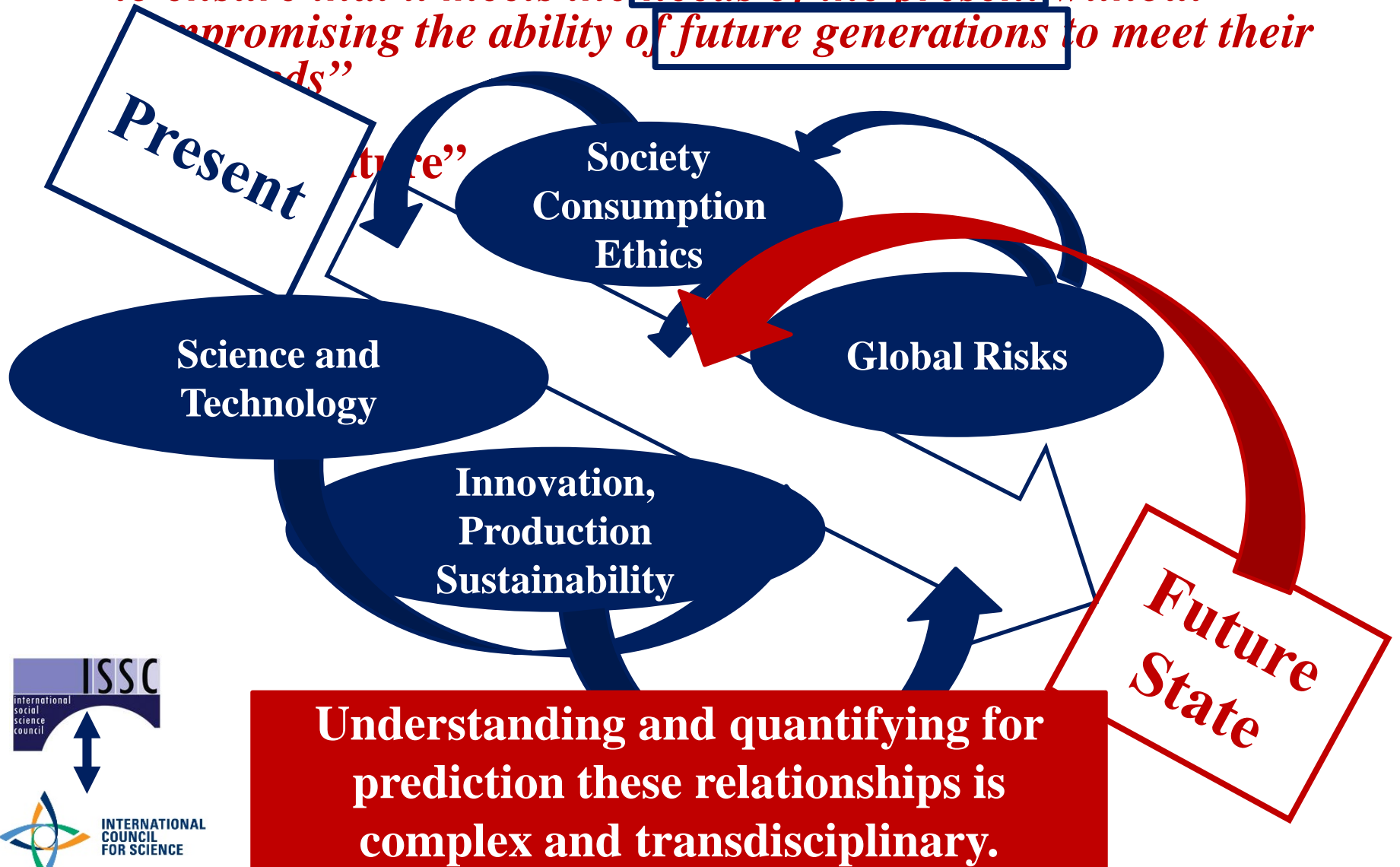
**2016 International Year of Global Understanding (IYGU)**

**“Building bridges between  
global thinking and local action”**



# Sustainable Development

- *“Humanity has the ability to make development sustainable - to ensure that it meets the needs of the present without compromising the ability of future generations to meet their needs”*

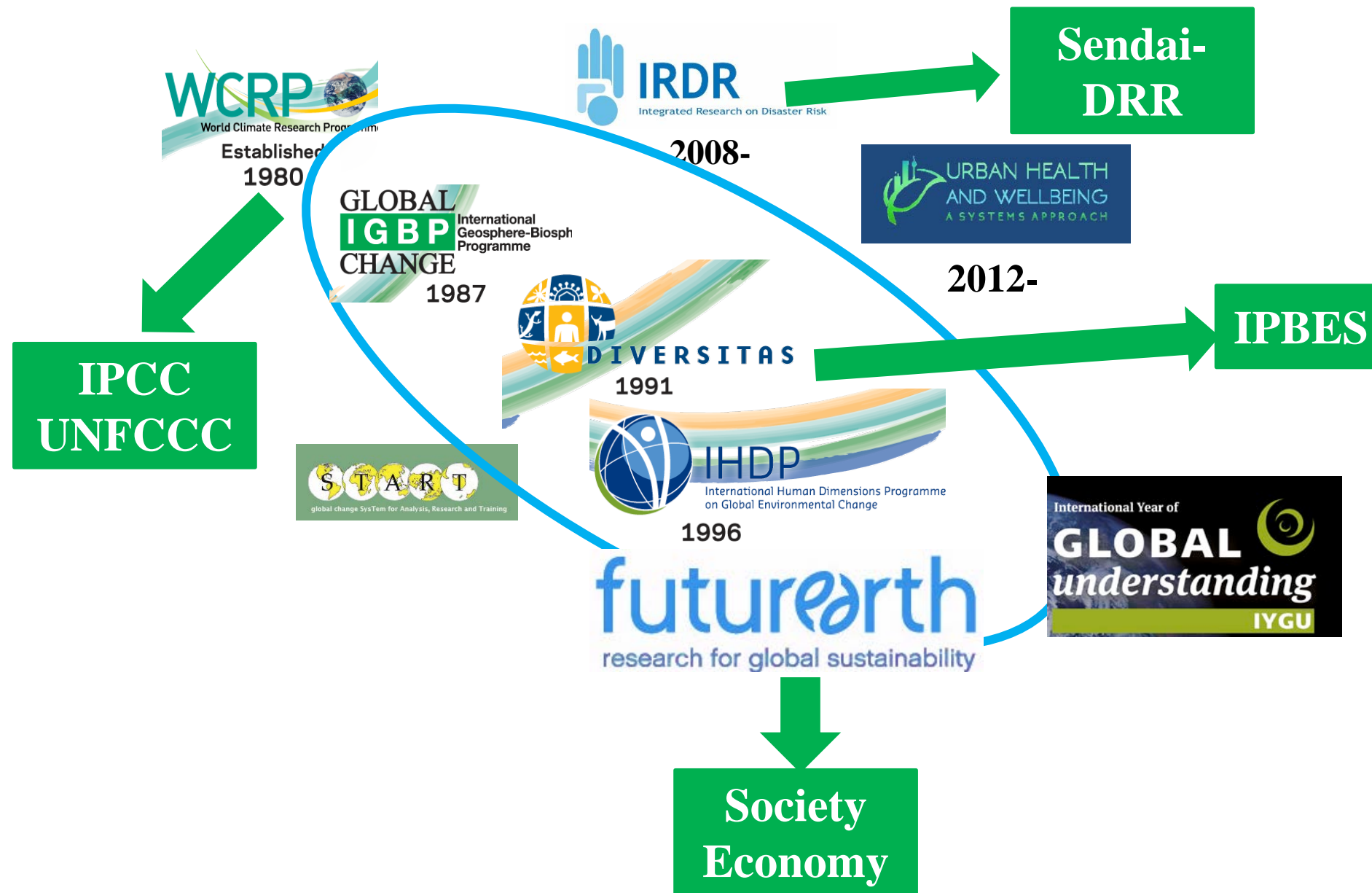


# International Research Collaboration

## Future Earth



INTERNATIONAL  
COUNCIL  
FOR SCIENCE





## Goal:

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

- New consumption patterns - ethical and socio environmental values - market changes - sustainability challenges?
- Changes in values associated to sustainability
  - Brazilian opportunities?
- Social and natural sciences, culture - corporate strategies and public policies - sustainability?

Co-design

Co-produce

Co-deliver

With  
Stakeholder  
Communities

Science  
Committee

Engagement  
Committee



# International Network of Government Sciences Advisers



**INGSA - forum for policy makers,**

- Consumption, Ethical, Socio-Cultural Values
  - Industrial Opportunities
- Role of science advisers in the process.**



**The 2<sup>nd</sup> International Network  
for Government Science Advice Conference:**  
*Science and Policy Making: towards a new dialogue*

**Brussels, 29-30 September 2016**

# International Council for Science – Research Collaboration and Science for Policy



**Capacity  
Enhancement**

**Regional  
Offices**



**Big Science  
Open Data**



**CODATA**

**Thank you.**

**Sustainable  
Development  
Goals**



PARIS2015  
UN CLIMATE CHANGE CONFERENCE  
COP21-CMP11



UN World Conference on  
Disaster Risk Reduction  
2015 Sendai Japan

## Intersecting Issues:

- **Cities, energy, resilience, ...**
- **People, health, ...**
- **Consumption, Ethical, Socio-Cultural Values**
- **Industrial Opportunities**



**futureearth**  
research for global sustainability



**Integrated  
Science to Policy**

