



Debating interconnectedness in goals The example of the water-energy-food security nexus

**Joint IDDRI/FERDI Seminar
Paris, 9 October 2012**

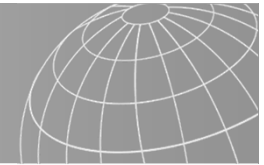
**Nicole Kranz
GIZ & Freie Universität Berlin**



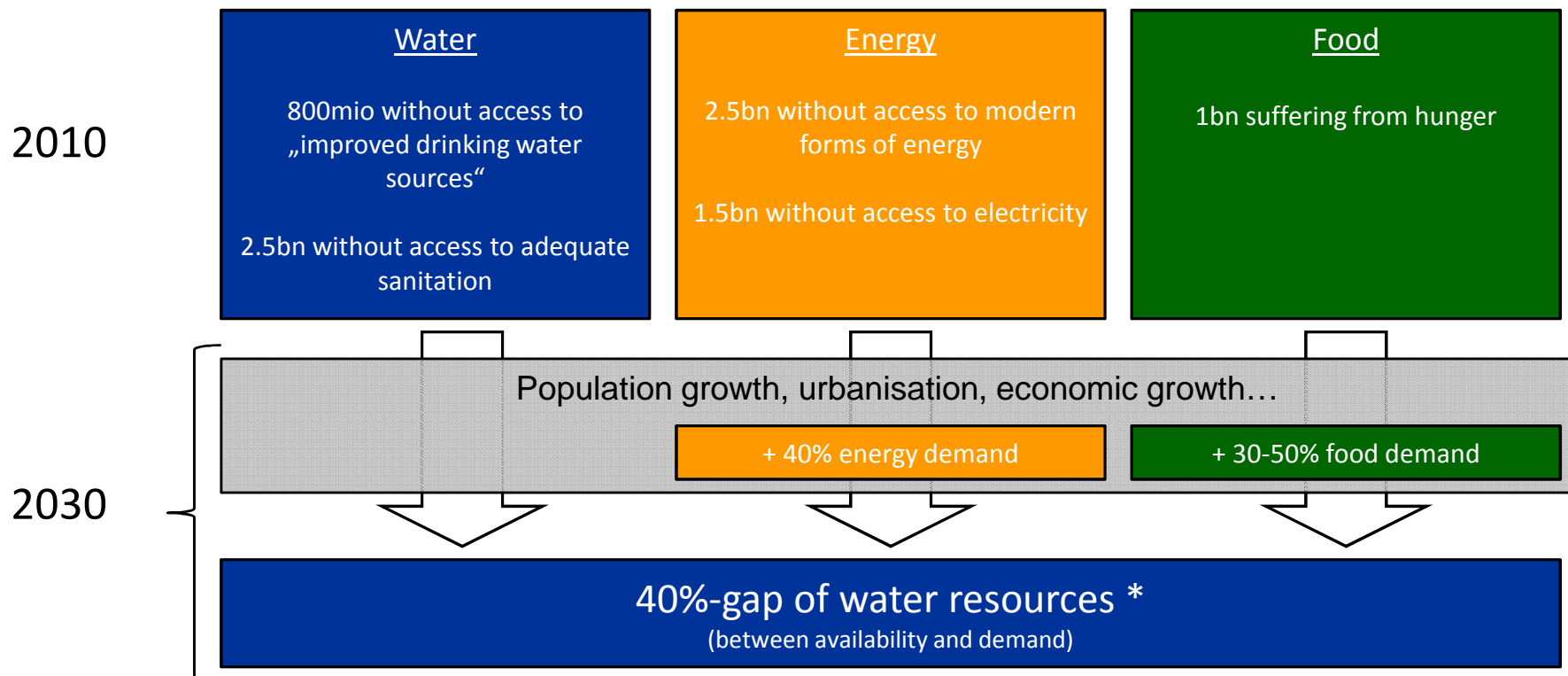


Contents

- Nexus: Water – Energy – Food Security
- Bonn2011 process, results & follow-up
- Nexus @ Rio+20
- How this could translate into possible SDGs



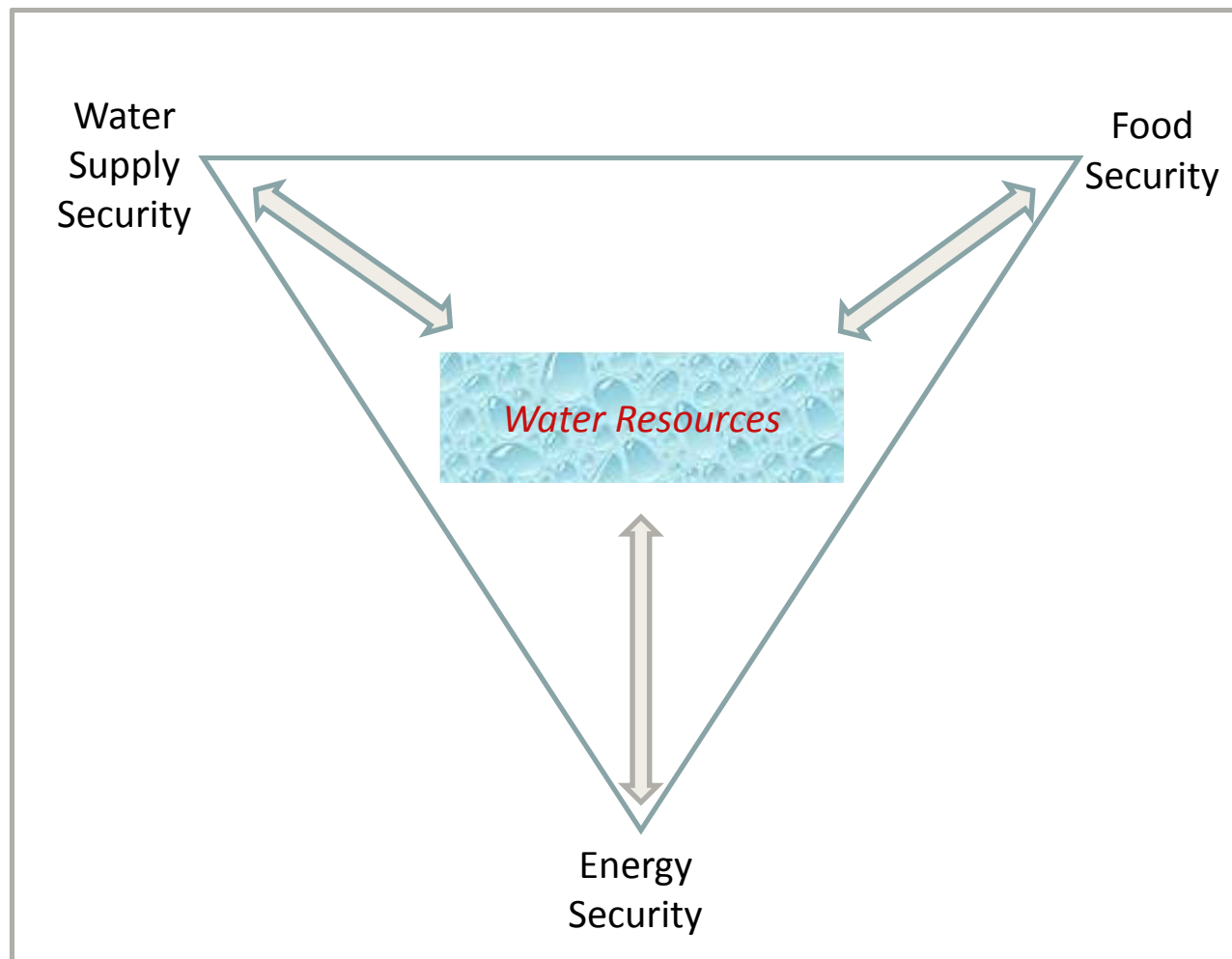
W-E-F Security Nexus: Why Essential?

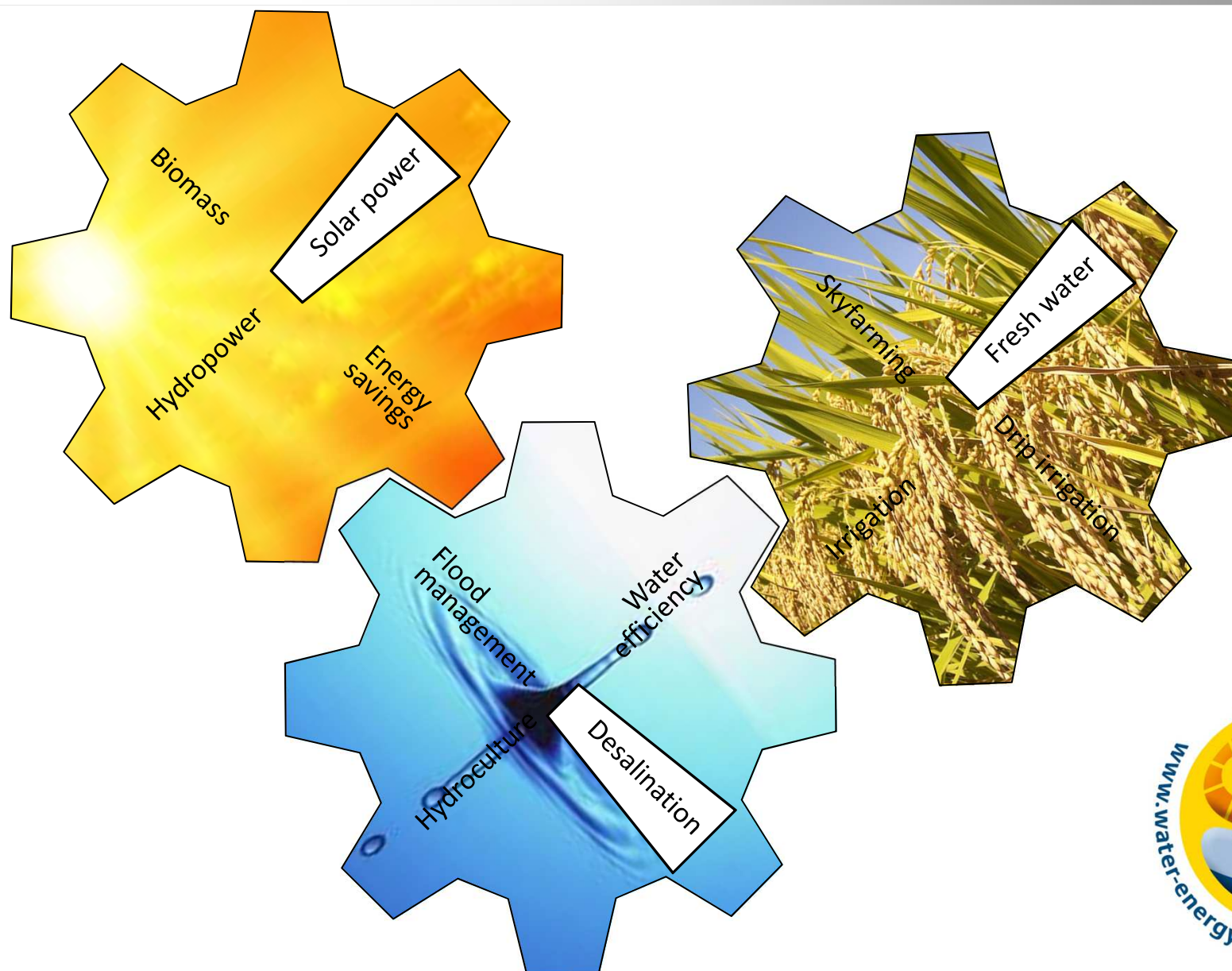


* Source: McKinsey (2009): *Charting Our Water Future. Economic Frameworks to inform decision-making.*



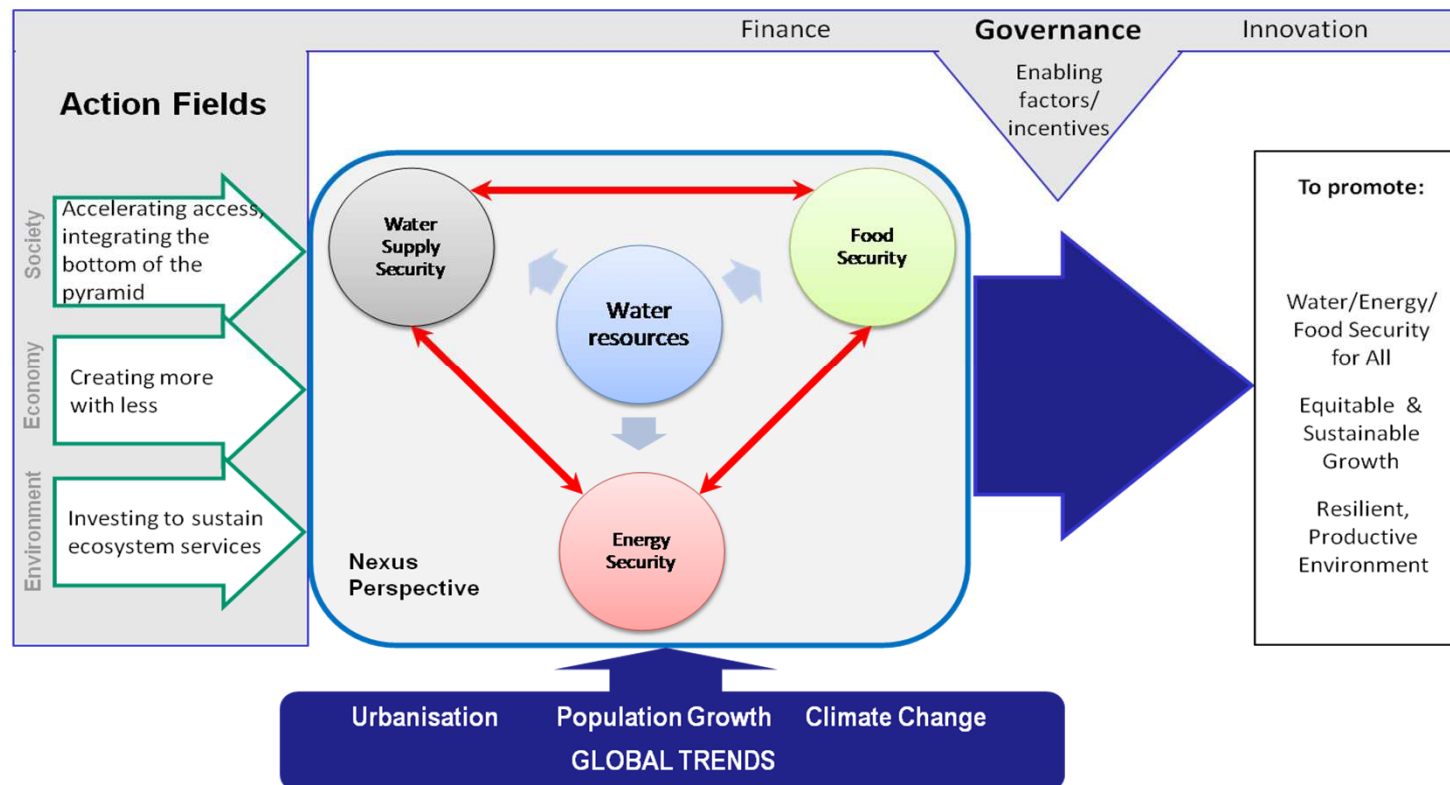
Concept







Concept





Process

Bonn2011 Conference
The Water, Energy and Food Security Nexus
Solutions for the Green Economy
16–18 November 2011



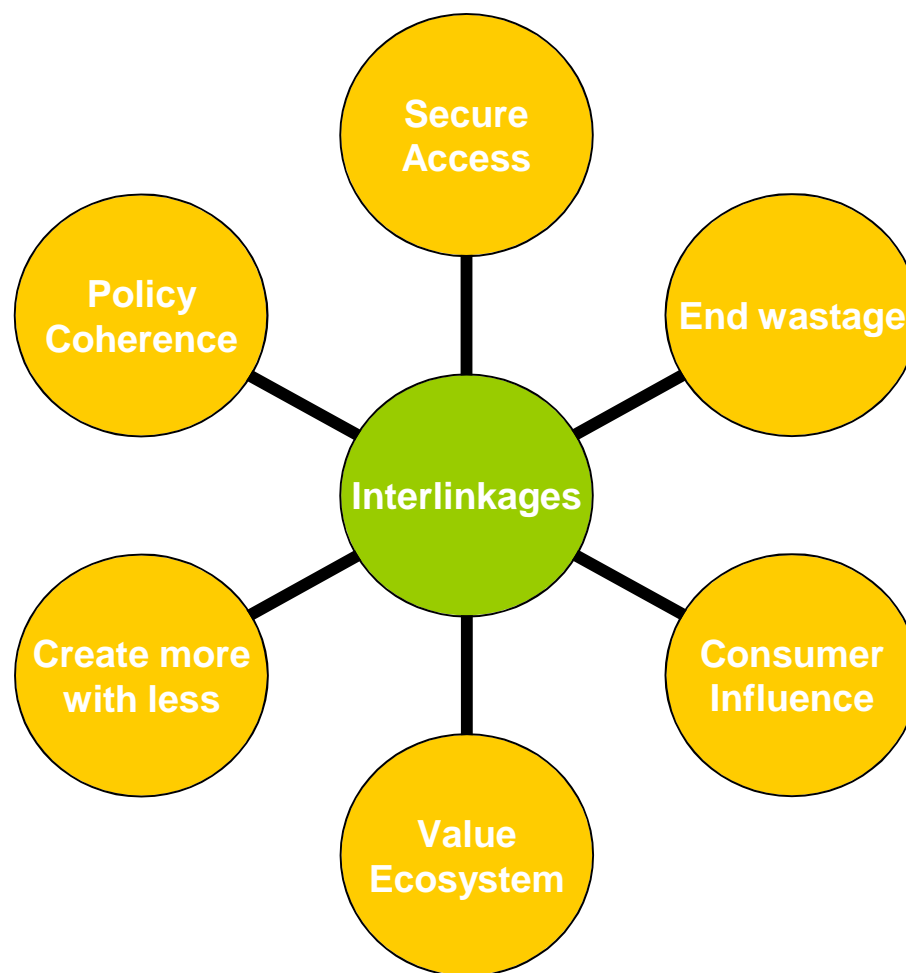
- **Co-hosted** by German federal ministries for economic cooperation and development and environment.
- **Strategic partnerships** across sectors:
IFPRI, WEF and WWF , > 70 contributing partners
- **Pioneering effort:**
1 year multi-stakeholder process leading to a conference with leaders from governments, businesses, NGOs, donors, and UN agencies





Outcome: Nexus Opportunities

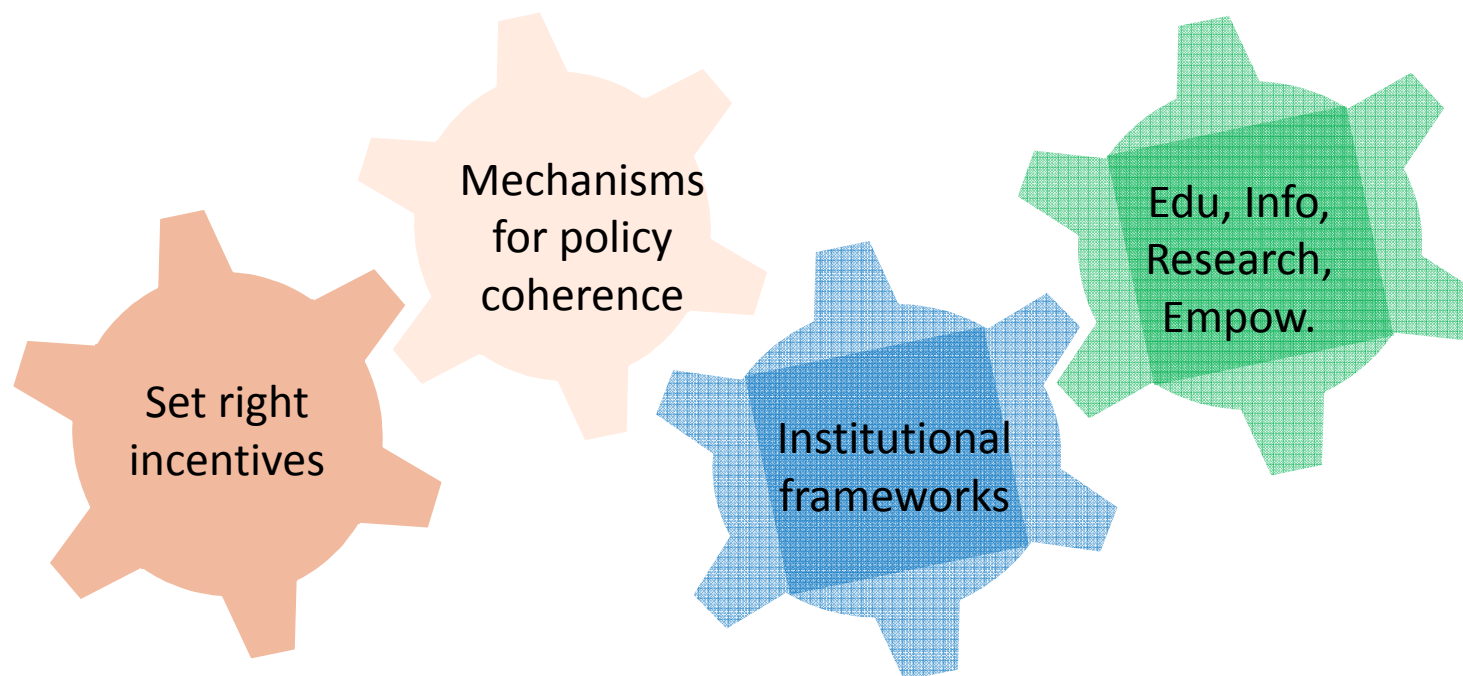
Bonn2011 Conference
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The Nexus Approach: How to Make it Work?

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International Agenda: Moving from Bonn to Rio

Message from Bonn2011:



- *Outcomes of Rio + 20*
must take into account the interdependencies between water, energy and food and act upon the challenge to make the nexus work specifically for the poor
- Nexus approach is key in meeting the overall challenge of transforming our economies to *green economies* by changing growth patterns to become more sustainable



Nexus & Rio +20: Establishing Commitments



“We propose that the Sustainable Development Goals could include sustainable consumption and production patterns as well as priority areas such as oceans; **food security and sustainable agriculture; sustainable energy for all; water access and efficiency**; sustainable cities; green jobs, decent work and social inclusion; and disaster risk reduction and resilience.”

(UNCSD Zero Draft, The Future we want, #107)

SDGs to emulate level of commitment created by MDGs?
→ Effective change of policy landscape – national commitments



Actual Rio Outcome

1. Prioritization of Food/Agriculture, Water, and Energy

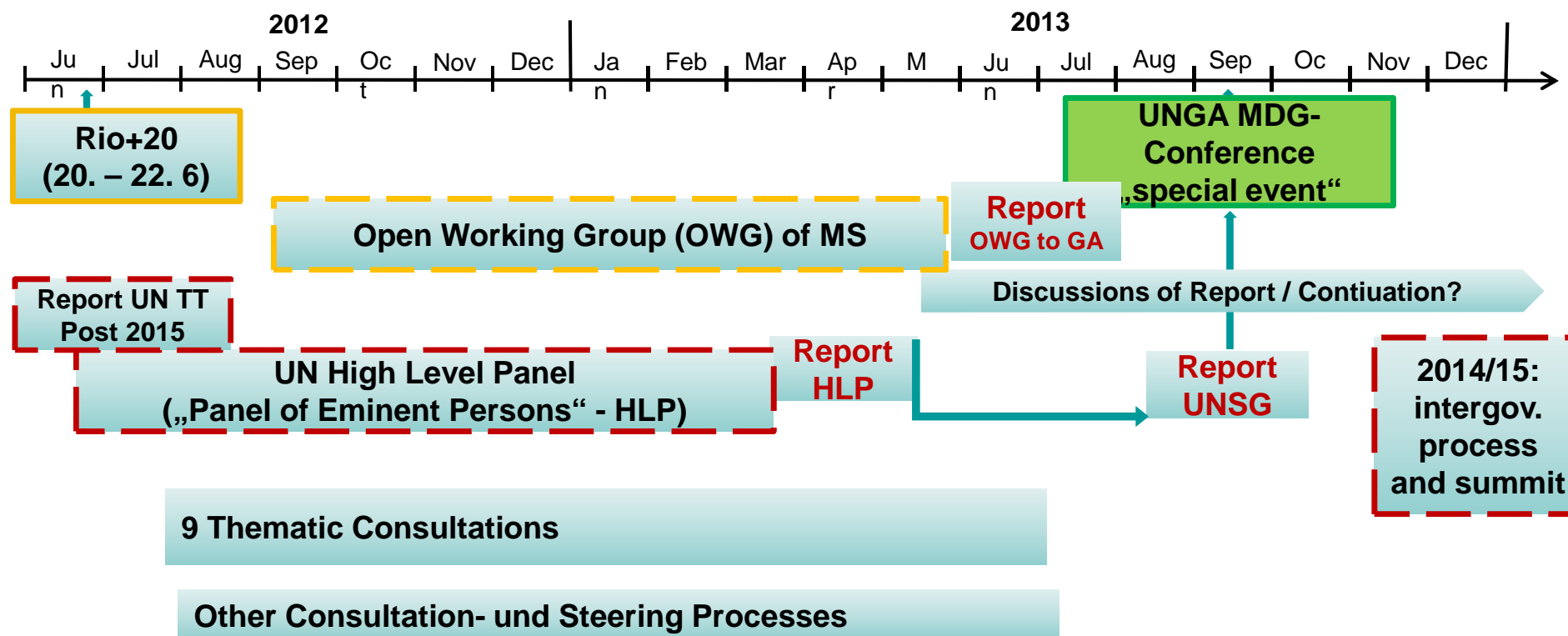
Mentions interlinkages, but “Nexus” not very prominent, Energy not well integrated with food and water aspects

2. SDG construction modalities

- Address 3 dimensions of SD and interlinkages
- Criteria:
 - Action-oriented
 - Concise and easy to communicate
 - Limited numbers (8 MDGs, Priority areas Rio15+)
 - Aspirational
 - Global and universally applicable (national realities)
 - Focus on priority areas (Rio outcome document)
- Progress: targets and indicators (national differentiation)



Post-2015 Processes in UN (2012-13)





Support for Nexus SDGs

- ✓ WEF part of most frequent propositions for SDG COL/GUA/PER; zero draft, HLPGS, UNCEB, UNDPI-NGO (DESA)
- ✓ UNSG-5 year action agenda “forging of a consensus for a post-2015-framework for SD and its implementation in (...) energy, water, food and transport” AND: Rio outcome document
- ✓ EU draft goals for Rio – and beyond?
- ✓ GER-BMZ: Minister Niebel: “imagine that we develop a roadmap for the time after 2015” regarding the „inseparable” questions of water, energy and food security”
- ✓ UK announced via Environment Minister : campaign for SDGs on food, water and energy against the background of the Nexus between them.

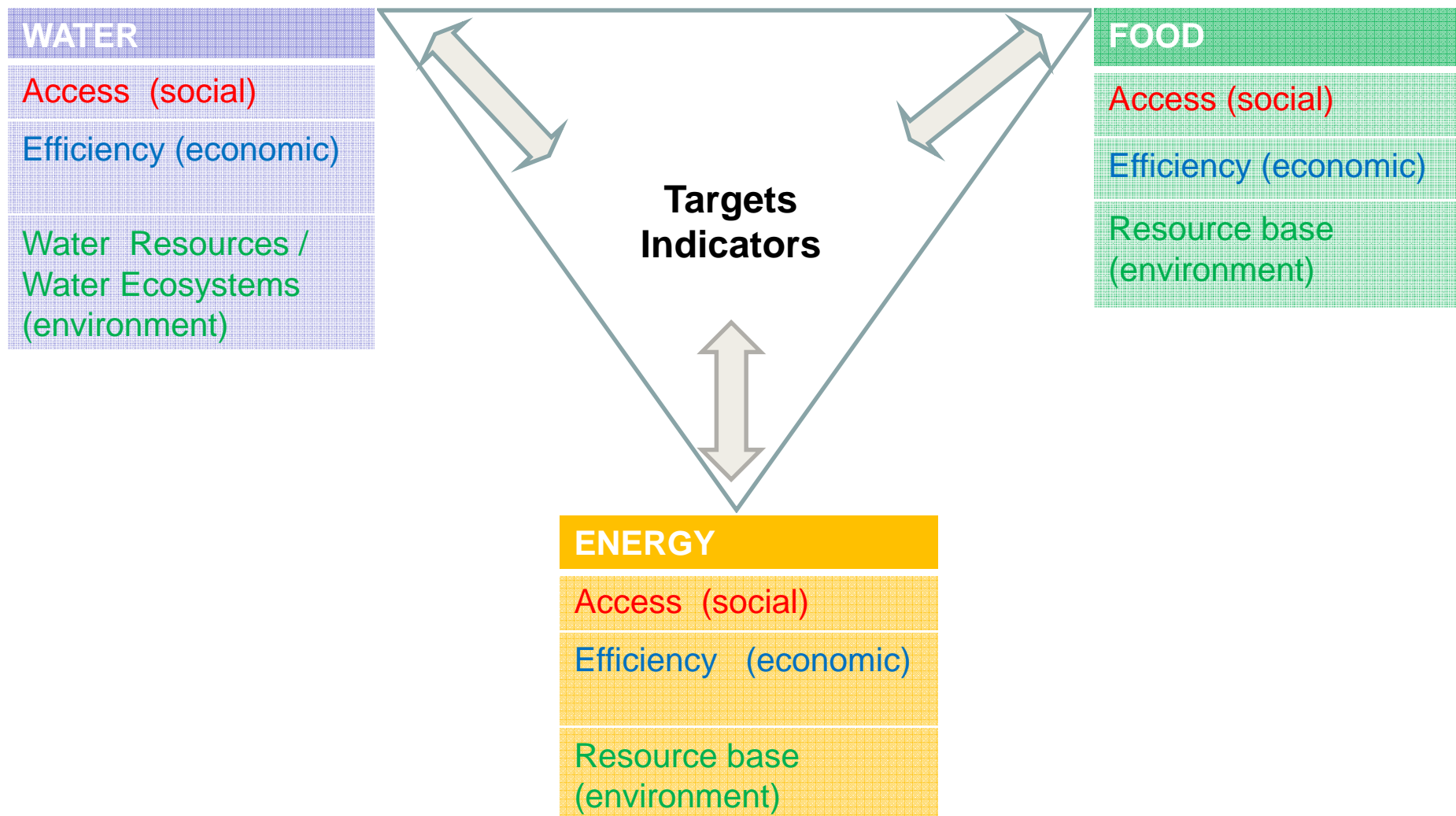


Nexus Perspective

- 3 dimensions of Sustainable Development reflected in potential WEF Goals
- Interlinkages need to become clearer
 - Potential targets/indicators:
 - Water productivity in agriculture and energy production and domestic water
 - Reduction of edible food waste/energy waste
 - Irrigation efficiency, kwh/water.....
 - Reduce water pollution
 - Increase waste water reuse
- Other targets which can /may not be placed in WEF sectors: global resource productivity, reduction of subsidies
- Key issue: Monitoring of targets - what is possible, what type of data is already available?



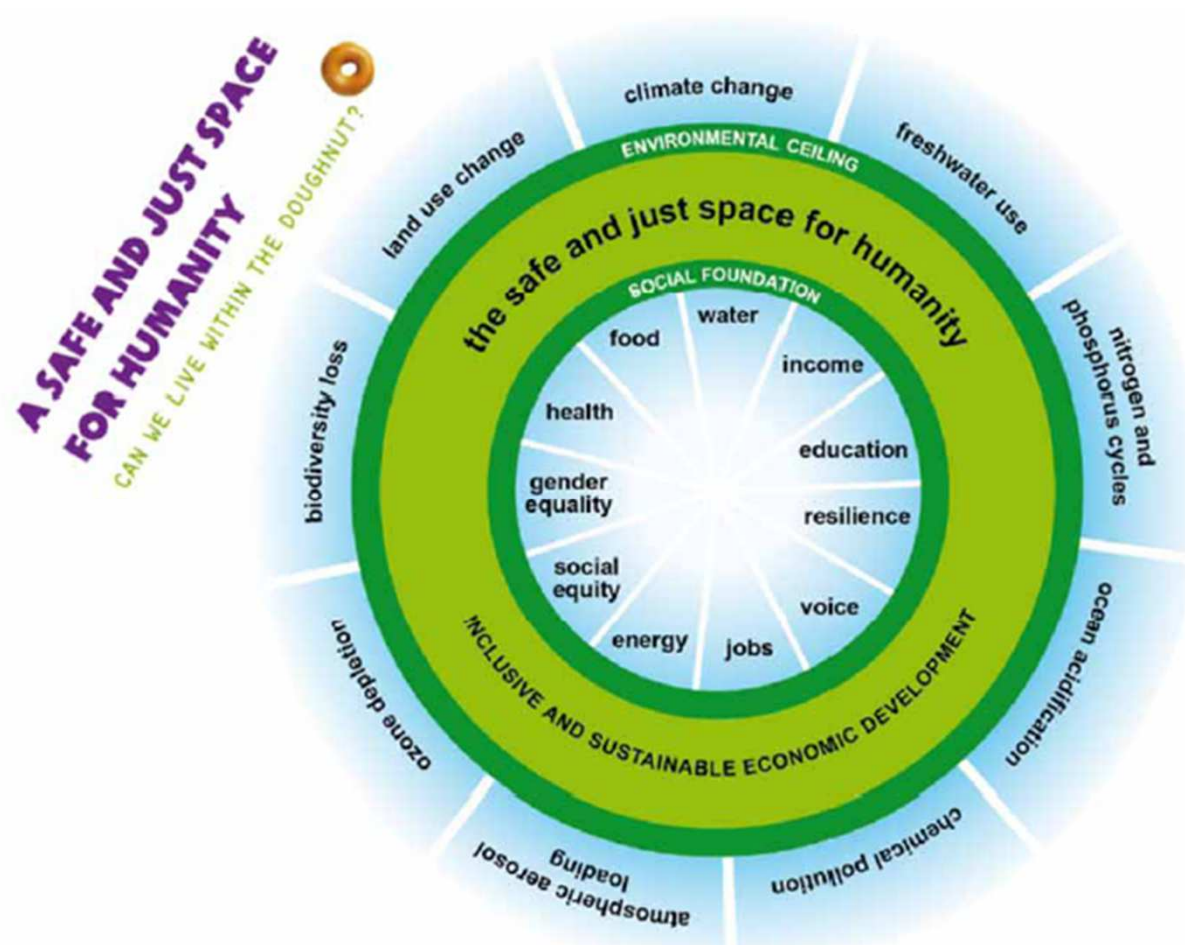
Nexus SDG Elements

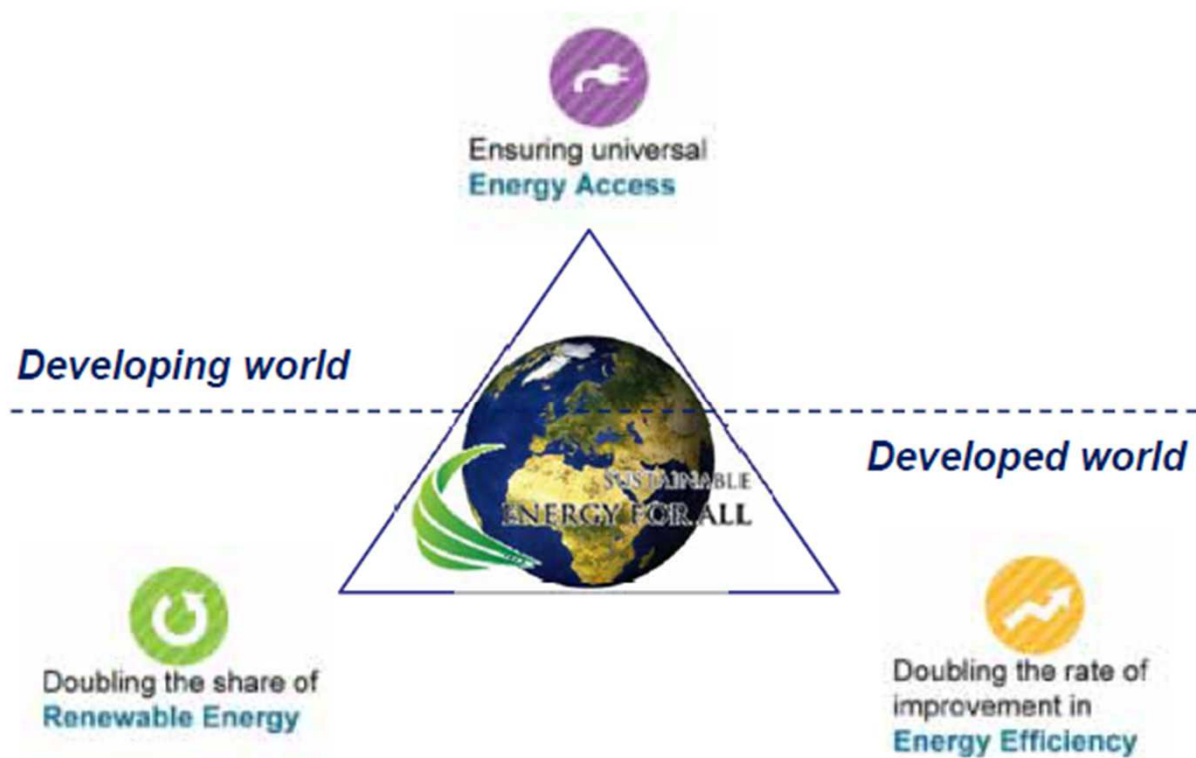




Challenges

- Balance of sectors and issues
 - Current lack of interconnections between different sectors
 - What are appropriate target horizons?
 - What are possible target values?
- Appropriate goals for developing countries and developed countries?
- Defining system boundaries and overarching goals: “Doughnut” concept OXFAM
- Institutional setting: custodian of individual goals, monitoring, further development.....and at the current stage a strong voice to push goals and targets forward forward







Let's talk!

Nexus Resource Platform

**Reflects process
to Rio + beyond**

**Information
sharing hub**

**Established by
Nexus Co-Hosts**

**Platform: experts
and practitioners**

Invitation: contribute & share
www.water-energy-food.org





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Thank you for your attention!

nicole.kranz@giz.de

on behalf of



Federal Ministry for the
Environment, Nature Conservation
and Nuclear Safety

Federal Ministry
for Economic Cooperation
and Development

Post MDG – Realizing the future we want

