



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

Joint IDDRI/FERDI Seminar Paris, 9 October 2012

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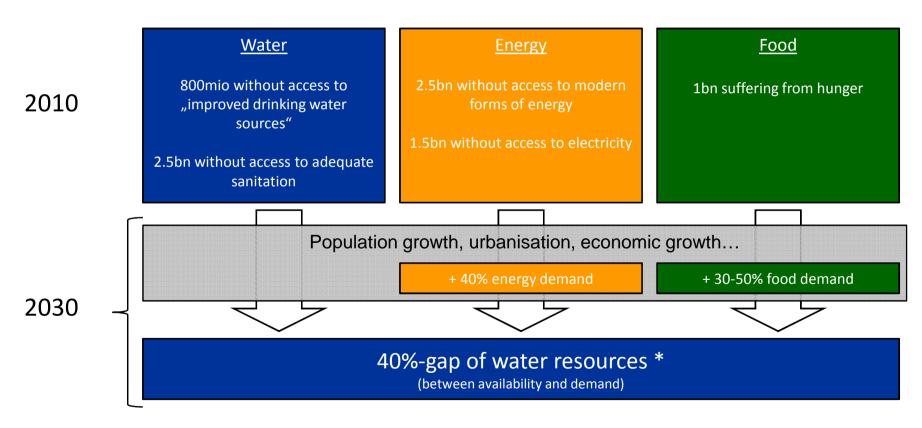
Contents

- 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?

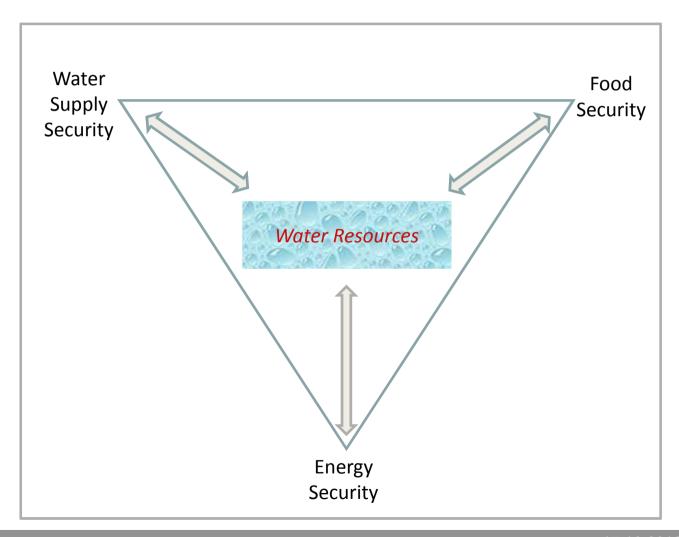


^{*} Source: McKinsey (2009): Charting Our Water Future. Economic Frameworks to inform decision-making.



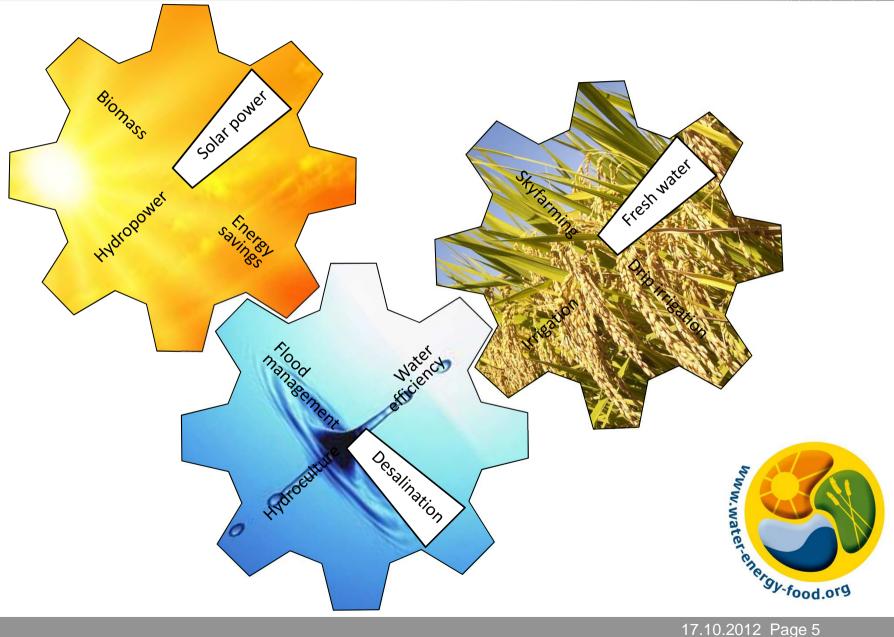


Concept





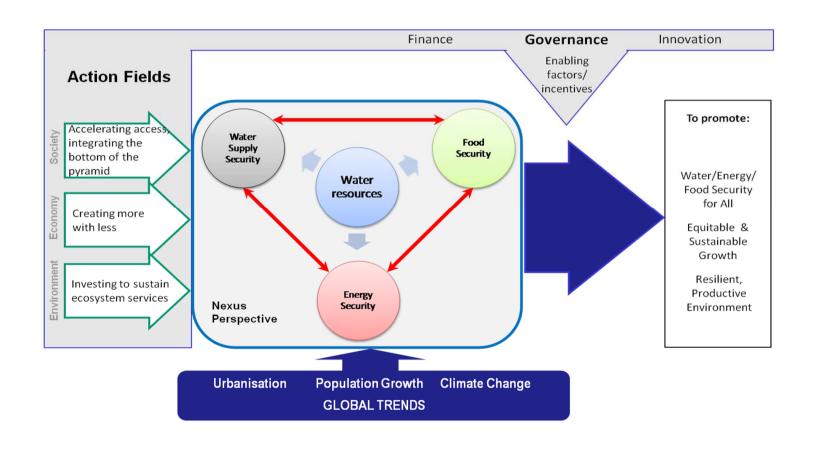








Concept







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



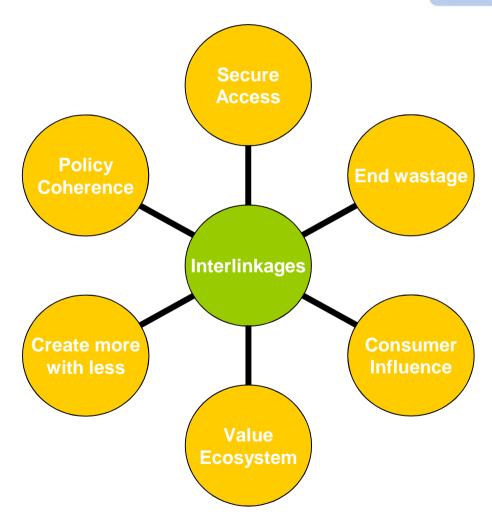






Outcome: Nexus Opportunities

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





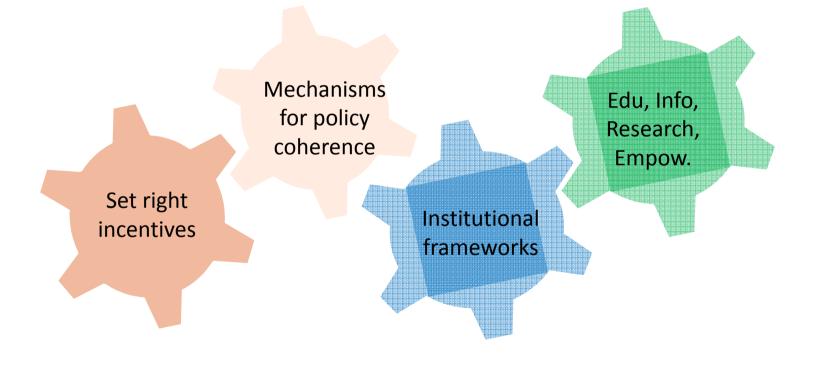


The Nexus Approach: How to Make it Work?

Bonn2011 Conference The Water, Energy and Food Security Nexus

Solutions for the Green Economy 16-18 November 2011









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

Prioritization of Food/Agriculture, Water, and Energy
Mentions interlinkages, but "Nexus" not very prominent, Energy not
well integrated with food and water aspects

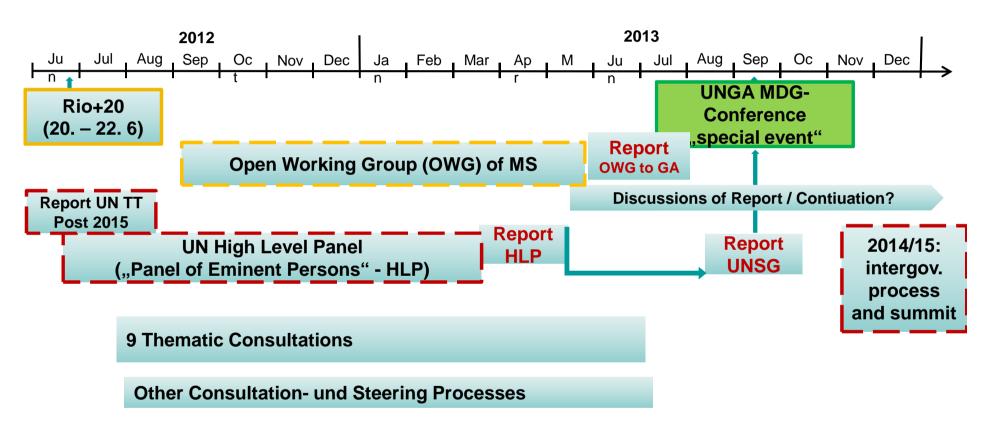
SDG construction modalities

- 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-2015framework 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.





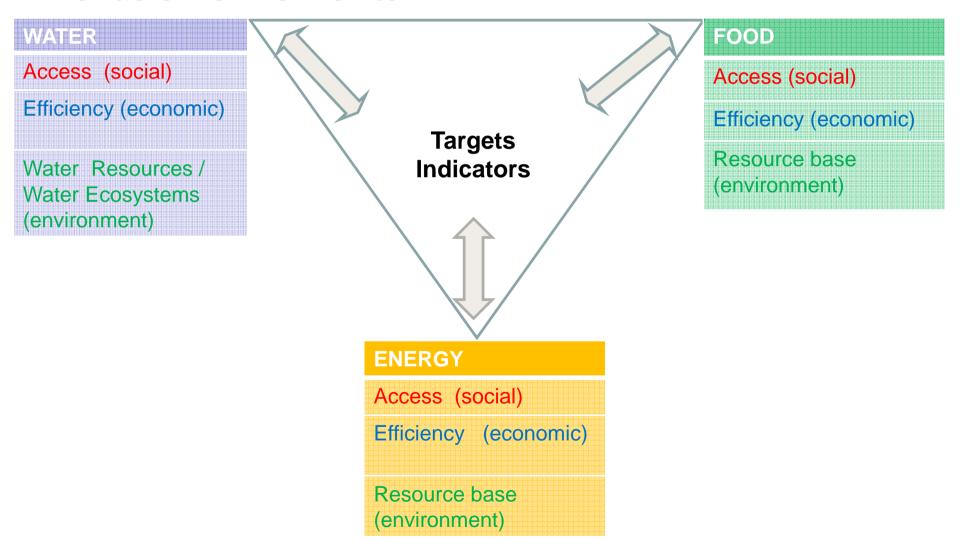
Nexus Perspective

- 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





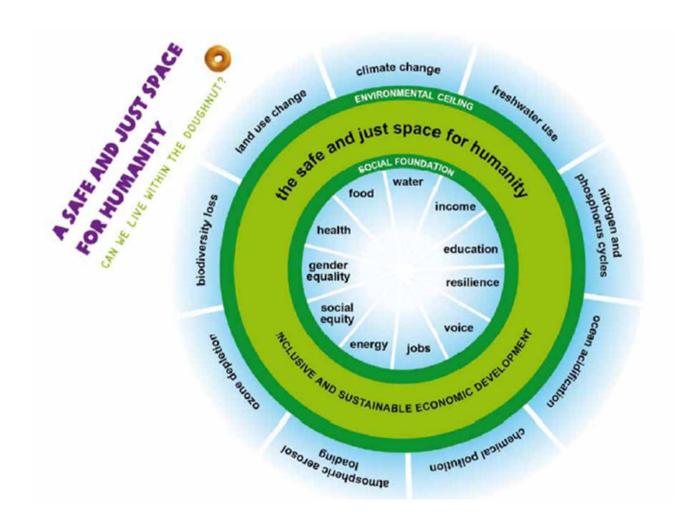


Challenges

- 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







Bonn2011 Conference

The Water, Energy and Food Security NexusSolutions for the Green Economy
16–18 November 2011



Thank you for your attention!

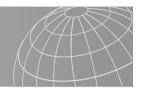
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on behalf of



Federal Ministry for Economic Cooperation and Development





Post MDG — Realizing the future we want

Enablers:

Fair and stable global trading system Adequate financing for development and stable financial system Affordable access to technology and knowledge Providing sustainable energy for all Coherent macroeconomic and development policies supportive of

inclusive and green growth

Environmental sustainability

Protecting biodiversity Stable climate Resilience to natural hazards

Enablers:

Sustainable use of natural resources (climate, oceans, forests, biodiversity) and management of waste Managing disaster risk and improving disaster response

Inclusive economic development

Eradicating income poverty and hunger Reducing inequalities Ensuring decent work and productive employment Human rights Equality Sustainability Peace and security

Freedom from violence, conflict and abuse Conflict-free access to natural resources

Enablers:

Sustainable food and nutrition security Universal access to quality health care Universal access to quality education Inclusive social protection systems Managing demographic dynamics Fair rules to manage migration Inclusive social development

Adequate nutrition for all
Quality education for all
Reduced mortality and
morbidity
Gender equality
Universal access to dean

water and sanitation

Enablers:

Democratic and coherent global governance mechanisms
Good governance practices based on the rule of law
Conflict prevention and mediation
Human rights protection
Women's empowerment