



Promoting the Nexus perspective to Water, Energy and Food Security Nexus

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The Nexus perspective: considering strong interconnections of key resources

As part of the ecosystem, water, land and energy resources are interconnected.

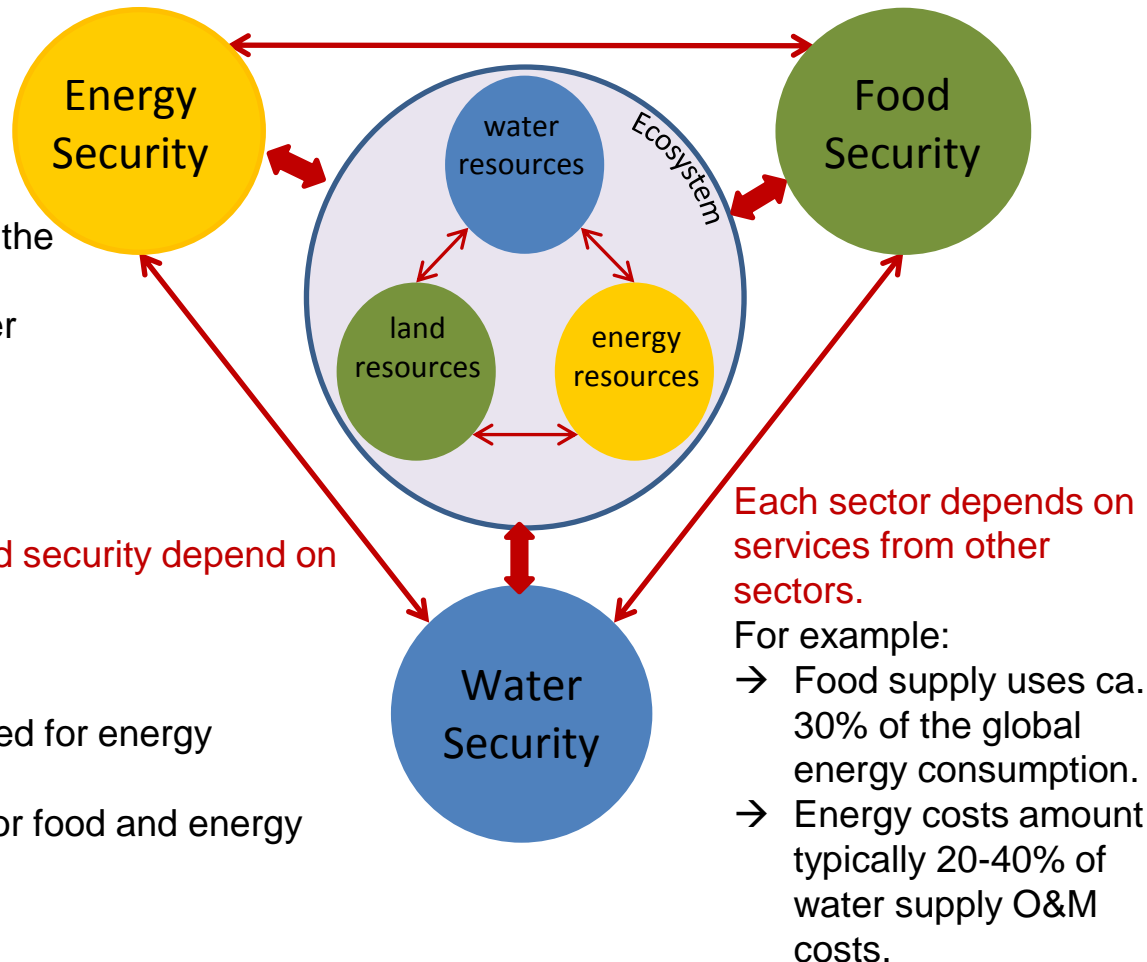
For example:

- land use change has major impact on the water cycle
- condition of the soils depends on water availability
- water flows are source of energy

Water supply, energy generation and food security depend on the same natural resources

For example:

- 45 % of EU water withdrawals are used for energy generation
- Land and water resources are used for food and energy crops.



→ **Focus on specific issues !**



High Level African Dialogue on the Water-Energy-Food Nexus

Convened by the **African Union** and **UNSGAB** in November 2012 in Nairobi
Ca. 80 participants from African governments, regional organisations, UN system, science, civil society and the private sector.

Linking regional approaches for water, energy and food security

- Regional approaches are increasingly important in the different sectors.
 - Cross-sectoral externalities.
 - Good practices: e.g. Nile Equatorial Lakes Subsidiary Action Program
- NBI to strength cooperation with the Eastern African Power Pool.

„The rush for land is a rush for water and energy“

- Global drivers: population growth, changing consumption patterns and increased energy prices.
 - Impact on water allocation
 - Impact on vegetation cover and then water variability
- Contribute to put the issue on the African agenda.

SADC Dialogue: „Exploring the water, energy and food nexus“, September 2013

NEXUS DIALOGUE ON WATER INFRASTRUCTURE SOLUTIONS

Building Partnerships for Innovation in Water,
Energy and Food Security

- Outcome from the Bonn Nexus Conference 2011
- Secretariat of IUCN and IWA (September 2012 to March 2015)
- The nexus creates the demand for new water infrastructure & technology solutions

A photograph showing several people seated around a table in a workshop setting, with their backs to the camera.

AFRICA Workshop May 2013

- Practical vision process to 2050 – five African River basins developed a nexus trajectory
- Challenges, barriers and gaps identified
- Became clear that the water community does not have the mandate or capacity to plan across the nexus



More information:

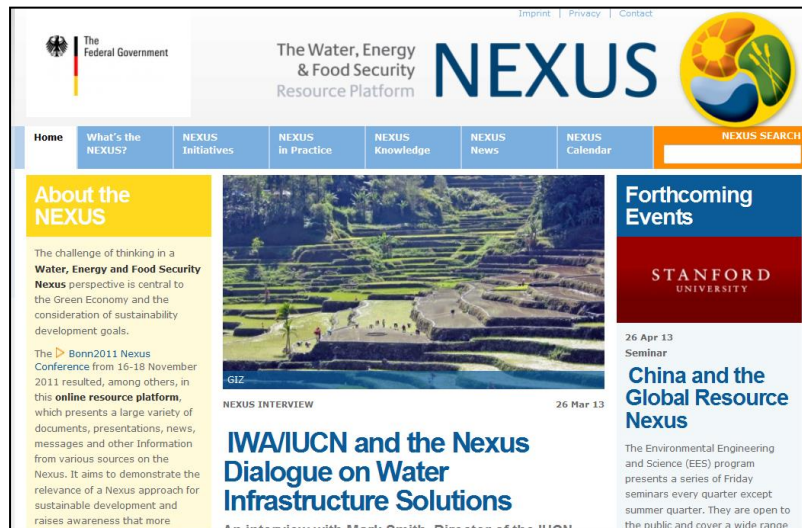
Nexus Resource Platform: the global information hub about all the Nexus initiatives, publications, events, etc.

→ www.water-energy-food.org



Agriwaterpedia: a wiki on Agricultural Water Management.

→ agriwaterpedia.info



Thank you for your attention



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on behalf of

BMZ



Bundesministerium für
wirtschaftliche Zusammenarbeit
und Entwicklung



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