



The Nexus Regional Dialogues Programme

Implementing and mainstreaming the Water-Energy-Food Security Nexus in five regions

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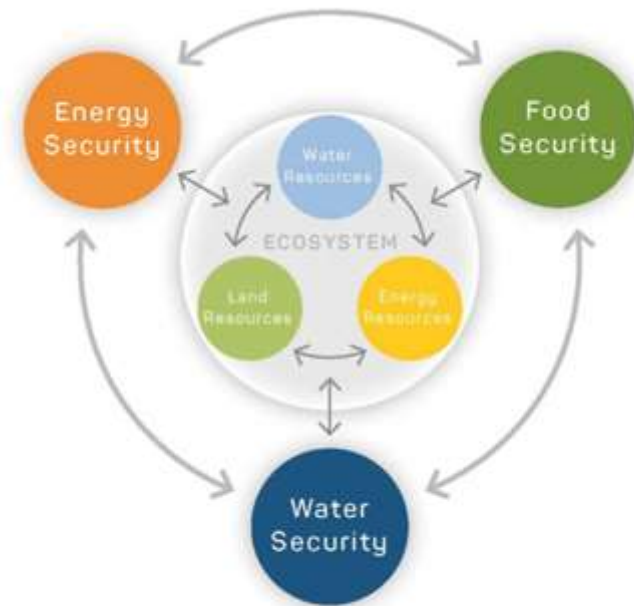


Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

nexus



The Water-Energy-Food Security Nexus Approach



- Highlights the **complex interdependencies** of the water, energy and food sectors in light of **global challenges** (climate change, consumption patterns, economic growth, rapid urbanization, etc.)
- Framework to **determine trade-offs and synergies** between the sectors and to **reconcile their interests**
- Supports a **holistic and sustainable resources management** and promotes the **preservation of ecosystems**
- Pathways of sustainability: tool for **meeting the SDGs**
- **Resolving conflicts of use** around land and water resources is encouraged by developing suitable conflict management capacities - contributes to **peace keeping**

A comparison between IWRM and the WEF Nexus Approach

	IWRM	WEF Nexus
Objective	Water use efficiency and sustainability	Overall resource use efficiency; address externalities across sectors
Entry point	Water use, water resources management	Management of natural resources; Seeks to engage different sectors on a more equal footing
Boundaries of a typical assessment	Basin or sub-basin	Depending on the focus; local, national, basin level, regional or global
Sectors and resources	Water resources are at the centre	Depending on the focus, water, energy or land use can be at the centre (no universal methodology)

Background

- Nexus Regional Dialogues Programme Phase I: **2016 - 2019**
- Jointly funded by European Union (EU) and German Ministry for Economic Cooperation and Development (BMZ) and implemented by GIZ, GWP and CAREC
- **Five Nexus Regional Dialogues:**
 - Middle East and North Africa (MENA) (2016)
 - Niger River Basin (2017)
 - Latin America and the Caribbean (LAC) (2016)
 - Southern Africa (2017)
 - Central Asia (2017)

Diverse contexts, focus areas and enabling environments for implementing WEF Nexus approach; different starting points

Main objective Phase I:

- to promote and mainstream the WEF-Nexus approach on national and regional governmental and policy levels.
- to raise awareness and foster knowledge and information exchange of Nexus issues.
- to develop policy recommendations/guidelines and action plans

Partners of the Nexus Regional Dialogues

MENA



The League of Arab States (LAS)

LAC



Economic Commission for Latin America and the Caribbean (CEPAL)

Southern Africa



Southern African Development Community (SADC)

Central Asia



International Fund for saving the Aral Sea (IFAS)

Niger Basin



Niger Basin Authority (NBA)

Multisectoral orientation

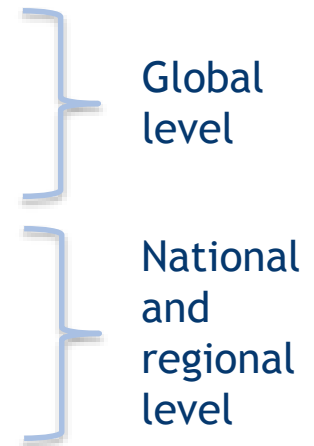


Basin-oriented organizations

Nexus Regional Dialogues Programme

Built on four Pillars:

- Knowledge Exchange and Networking
- Nexus Resource Platform (www.water-energy-food.org)
- Human Capacity Development
- Activities and Pilot projects (Nexus country assessments and profiles, policy proposals and guidelines, investment portfolios, action plans)



Nexus Regional Dialogues Programme Global Nexus Secretariat (GNS)

Main objective: To support global and regional Nexus dialogues and to improve global knowledge management on the WEF Nexus and stimulate mutual learning across regions engaging in regional dialogue.

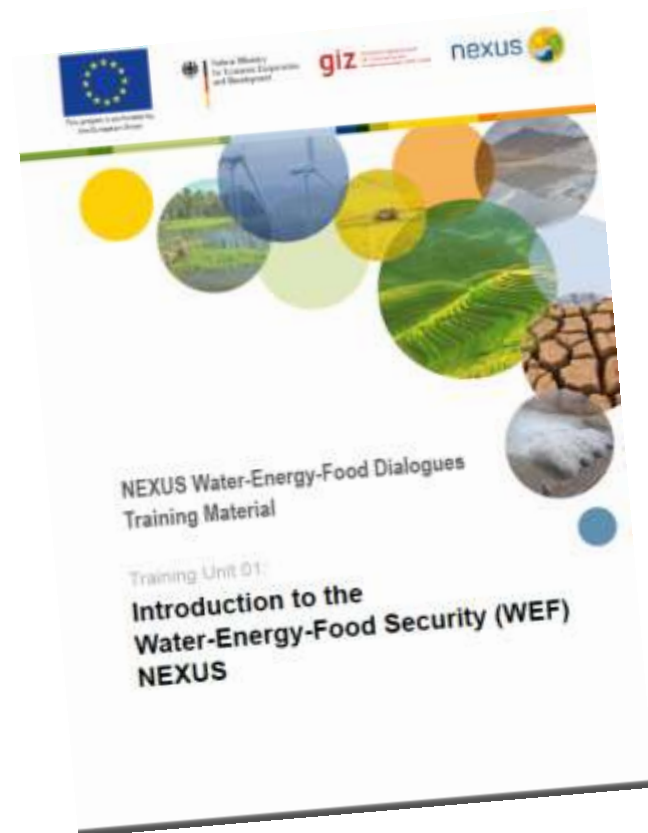
Products/final documents:

WEF Nexus training material (Module I and II, available in English, Spanish, French and Arabic)

- to date **320 participants trained**;
- training for EU staff in Brussels in the autumn

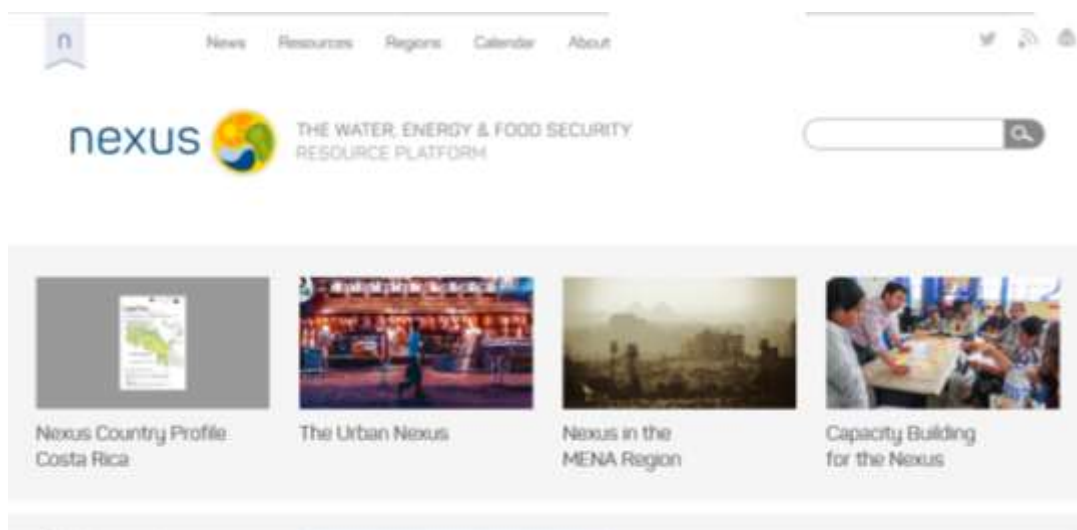
Global Nexus Literature Review

- Draft document: Global Nexus Principles → to be discussed and validated by all regions
- Draft document: Global Nexus Indicators → to be discussed and validated by all regions
- Global Report



The Nexus Resource Platform (NRP)

www.water-energy-food.org



- Central knowledge hub on the Water-Energy-Food Security Nexus
- Reports, articles, news from research and practice, conferences, expert interviews, job postings

- Establishment of a WEF Nexus Newsletter
- Social Media channels



@NEXUSPlatform #Nexusplatform

www.facebook.com/nexusresourceplatform/

The Nexus Regional Dialogue Niger Basin

Nexus activities and outcomes:

- Diagnostic analysis of the Niger Basin Authority's Operational Plan (2016 - 2024) from a Nexus perspective
- Mainstreaming the WEF Nexus in the investment plan of the Niger Basin Authority (NBA)
- In cooperation with IFPRI, around 300 projects have been screened under a WEF Nexus lense (**Nexus indicators for investment projects**)
- The WEF Nexus approach is introduced within the planning process of a large infrastructure project - the Fomi Dam in Guinea
- 1 Nexus training in Niamey, Niger (October 2017)
 - **45 sector representatives** (water, energy, agriculture, environment,) and civil society representatives) from each of the 9 basin countries took part

The Nexus Regional Dialogue Southern Africa

Objective:

Applying the WEF Nexus approach in the formulation of multi-sector policy recommendations, strategies, action plans and investment programmes, including identification of concrete investment projects for financing.

→ Nexus operational framework developed

Outcomes:

- Multi-stakeholder Analysis and Project Inception Workshop (May 2017)
- National Nexus Perspective Papers for all each 15 SADC member countries
- 2 discussion papers: one addressing institutional issues; one addressing policy related issues
- Request from East Africa for technical support to replicate the SADC model with Nexus approach
- Development of a prioritized list of Nexus investment projects (ongoing)
 - A **Nexus project identification tool template** was developed and will be presented in November 2018; so far 11 projects have been proposed and reviewed

Lessons learned

- There is no “blueprint” for the implementation and mainstreaming of the WEF Nexus approach - each region has its own context and different focus areas **BUT applying a coherent implementing strategy and monitoring** in order to create similar and comparable outcomes would be beneficial.
- Demand and need driven approach needed (e.g. country requests)
- National or regional development objectives, focus areas or other political agendas are still often higher prioritized and might not be compatible with the Nexus approach - **BUT: SDGs, Agenda 2030 and Paris Agreement are great entry points!**
- **Regional partner should have the trust and respect of member states and the mandate to bring together different sectors and stakeholders (e.g. SADC´ s central role as a regional actor for shared resources)**
- Ensure a cross-regional and common understanding of the key objectives and messages of the Nexus approach

What will come next?

Objective Phase II (2020 - 2022)

- Moving from theoretical to **concrete and tangible benefits and impacts of the WEF Nexus approach** in form of projects → outcomes of the Action Plans
- Upscaling outcomes and lessons learned
- Enabling conditions and capacity are important factors for implementing the Nexus approach in Phase II, too. But they should be always focused on concrete projects with tangible results.

Thank you for your attention!



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