



The Nexus Dialogues

DEVCO C.5

What is the nexus?

Water uses energy, energy uses water, agriculture needs both. Modern society and our increasingly urban societies need all three. They all rely on infrastructure to manage water.

Facts and figures

- In 2030, 47% of the world's population will be living in areas of high **water** stress
- By 2050, global population is expected to reach 9 billion. 70% more **food** will be needed
- **Agriculture** accounts for roughly 70% of **water** use
- **Hydropower** provides 20% of the world's **electricity** and is the main **energy** source in more than 30 countries
- By 2030 we will need 30% more **water**, 40% more **energy** and 10% of existing **crop land** for biofuels



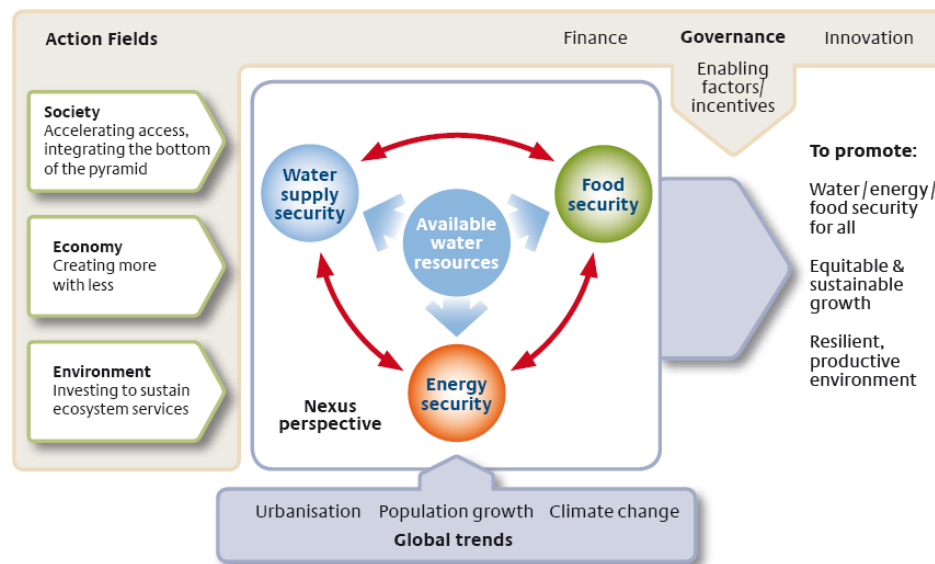


The Water-Energy-Food Security Nexus: from concept to mantra

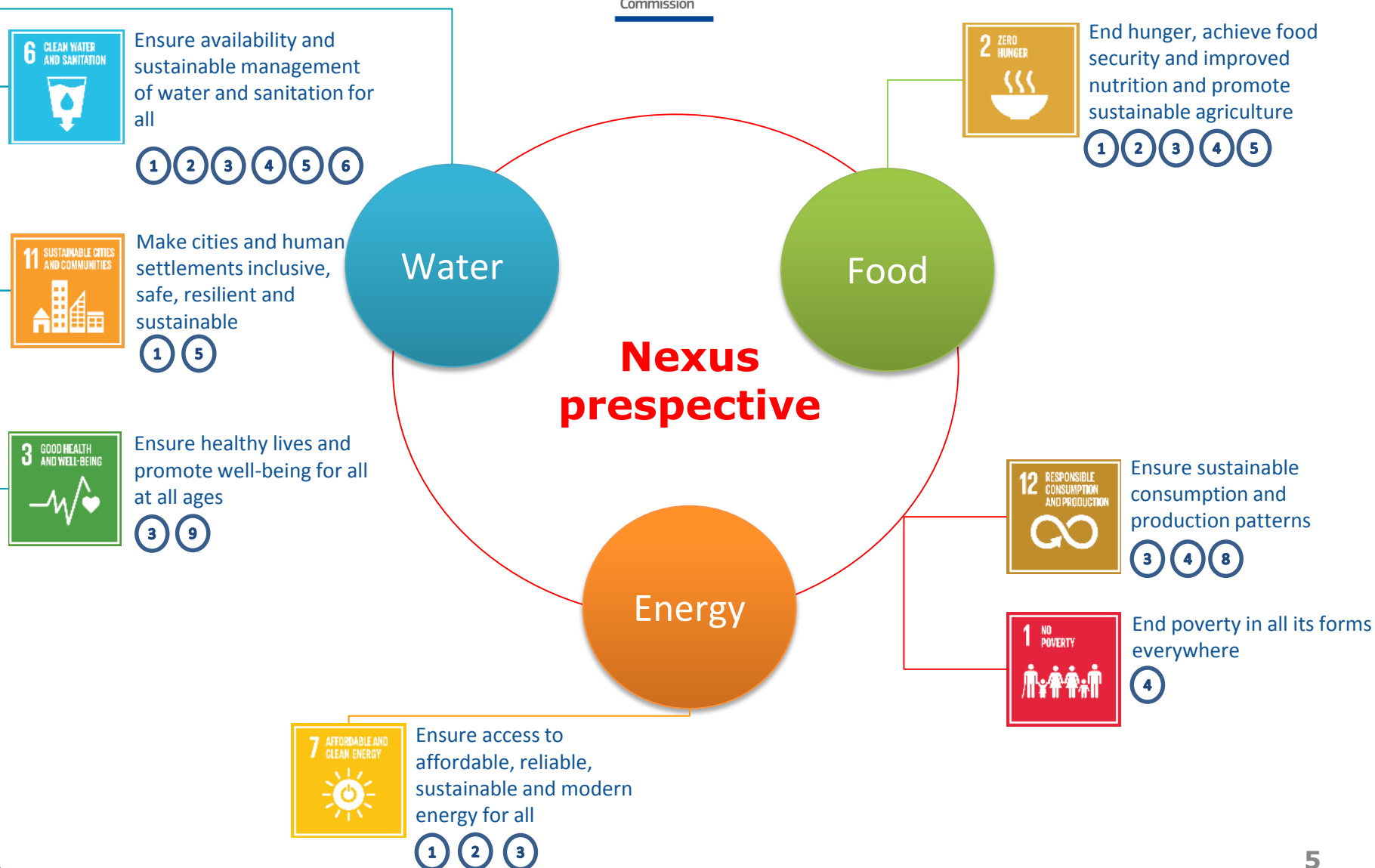
- Bonn2011 Conference: "The Water, Energy and Food Security Nexus: Solutions for the Green Economy" and its acclaimed research paper presented initial evidence on how a nexus approach could enhance water, energy and food security.
- The GIZ 'Nexus Resource Platform' established for a growing community
- 'Agenda for Change' in 2011 which allowed us to concentrate on the poorest communities and to improve their access to land, food, water and energy without damaging effects on the environment
- The 2011/2012 EU Development Report urging the international community to radically transform approaches to managing water, energy and land
- Berlin2013 Conference: "Realizing the Water, Energy and Food Security Nexus" highlighted the relevance of regional cross-sectorial dialogue processes led by regional organisations
- Work by EU Member State Development Agencies to mentor 'regional organisations' and country processes towards operationalisation of the Nexus perspective
- Work of international organisations and NGOs to foster Nexus Dialogues in specific regions and countries.

The Nexus in the Agenda for Change

- *"The EU should focus its support for inclusive and sustainable growth on those sectors that have a strong multiplier impact on developing countries' economies and contribute to **environmental protection, climate change prevention and adaptation, notably sustainable agriculture and energy**"*
- *"The EU should (...) tackle inequalities, in particular to give poor people better **access to land, food, water and energy without harming the environment**"*
- EU Development Report 2012 Called for a Radical Transformation in Water, Energy and Land Management



Nexus and SDGs

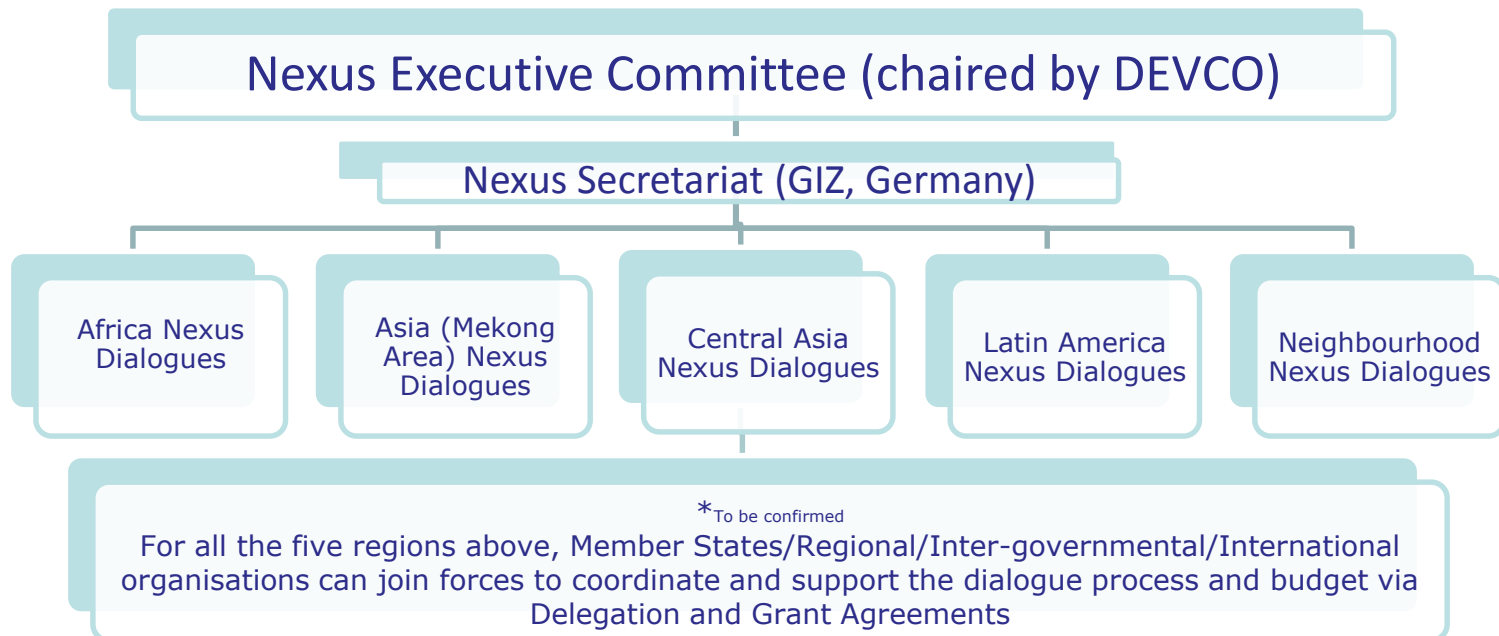


The "Nexus Dialogues"



The **"Nexus Dialogues" Phase I (2016-2018) EUR 6,17 million** proposes to strategically steer on-going and newly established demand-driven Nexus policy-dialogue approaches in five regions:

- **Africa (Nile, Niger and SADC)**
- **Latin America (Andean region)**
- **Asia (Mekong Area)**
- **Central Asia (Aral Sea region)**
- **Neighbourhood (with particular focus on the MENA region)**



The "Nexus Dialogues"



Objectives

The programme aims at the achievement of substantial outcomes, namely, **Nexus policy recommendations and concrete endorsed Nexus action plans** that can benefit from Phase II (project implementation can start from 2017 onwards when further funds would be mobilised for leveraging investment in larger-projects).

This action will also finance support studies, building up teams of nexus experts from the countries/regions, small-pilot projects and an evaluation and a feasibility study to guide **Phase II** i.e. leveraging of investment projects.

The programme was officially announced by Commissioner Mimica at the 7th World Water Forum in Korea in April 2015.

Sustainable Energy for All's High Impact Opportunity (HIO) on Water-Energy-Food Nexus is a framework for coordinated action to promote the nexus perspective with a focus on energy actors. Germany (BMZ) and FAO are co-leads. Further partners are USAID, REEEP, UNEP and the World Bank. **The Nexus Dialogues will be recognised as a specific project under the HIO.**

The African components



SADC

- An **identification mission** has been held by the EC technical assistance from 23rd to 30th November 2015 with the scope to identify a relevant Nexus dialogues project focusing on the implementation of a Nexus approach in the SADC region in the framework of SADC's Regional Strategic Action Program IV (2016-2020).
- A **first draft project proposal** has been jointly elaborated by EC, SADC and GWP South Africa
- The EC expects to sign a grant agreement with SADC by mid-2016

Niger

- A **scoping mission** will be held by the EC technical assistance from 28th February to 3rd March 2016 in order to explore how a Niger Basin Nexus Dialogues project could be formulated and implemented and to study existing synergies and complementarities with other ongoing actions
- The EC expects a first project proposal by mid-2016

Nile

- An identification mission will be held by the EC technical assistance in the forthcoming months in order to explore how a Nile Basin Nexus Dialogues project could be formulated and implemented and to study existing synergies and complementarities with other ongoing actions