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www.worldwaterweek.org

SIWI

EU support to the Nexus

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What is the Nexus?

• Nexus is the **"interdependence"** between water security, energy security and food security.

• Achieving water, energy and food security for modern our increasingly urban societies need rely on investment in infrastructure based on a **multi-sectoral approaches** at the levels of policies, strategies and project planning.

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

European Commission

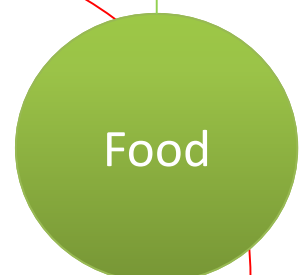Ensure availability and sustainable management of water and sanitation for all
① ② ③ ④ ⑤ ⑥

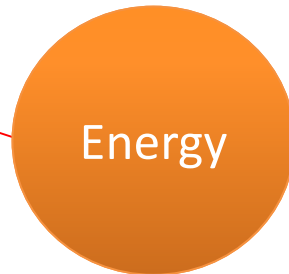Make cities and human settlements inclusive, safe, resilient and sustainable
① ⑤

Ensure healthy lives and promote well-being for all at all ages
③ ⑨

End hunger, achieve food security and improved nutrition and promote sustainable agriculture
① ② ③ ④ ⑤

Water

Food

Nexus prespective

Energy

Ensure sustainable consumption and production patterns
③ ④ ⑧

End poverty in all its forms everywhere
④

Ensure access to affordable, reliable, sustainable and modern energy for all
① ② ③

Ⓧ - Related goal

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Cooperation between development actors for a reinforced global programme

The **"Nexus Dialogues" Phase I (2016-2018) EUR 6,17 million (co-financed with BMZ)** proposes to strategically steer on-going and newly established demand-driven Nexus dialogues in four regions:

- **Africa (Niger, SADC)**
- **Latin America**
- **Central Asia**
- **Neighbourhood (with particular focus on the Mediterranean region)**

with a view to achieving agreement on multi-sector investment projects aiming at increasing water, energy and food security that can benefit from **Phase II**

This action also finances support studies, building up teams of nexus experts from the countries/regions and small-pilot projects.

Global Nexus Secretariat

The Global NEXUS Secretariat (GNS) is a support platform for the development of the Regional Nexus Dialogues

The Secretariat, run by GIZ :

• ensures coordination and coherence between the different Regional Dialogue components, and implementation of horizontal tasks

• stimulates exchange and mutual learning across the (sub) regional dialogues

• provides an interface to the Executive Committee

• provides input to the (sub)regional working groups

•develops Nexus training concept

• take care of the re-launch of the Nexus Resources Platform: global knowledge hub for Nexus related activities (www.water-energy-food.org)

• comments on key papers drafted within the overall NRD processes: e.g. TORs for RND, studies, output documents.

Africa component

SADC
• Mission carried out by EC technical assistance in Gaborone from 23rd to 30th November 2015 to formulate a relevant Nexus Dialogues Project in the SADC region in the framework of SADC's Regional Strategic Action Program IV (2016-2020).
• First draft project proposal jointly elaborated by EC, SADC and GWP South Africa.
• Implementing partner for this project will be GWP.

Niger
• Scoping mission carried out by EC technical assistance in Niamey from 20th to 26th March 2016 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 in cooperation with EU Delegation, NBA Management, NBA Technical Staff and Key Development Partners.
• Implementing partner for this project will be GIZ.

Nile
• Identification mission carried out by the EC technical assistance in Uganda from 2nd to 14th May in order to integrate the Nexus objectives and approach in the EC Regional programme supporting the Nile Basin Initiative co-financed with BMZ and implemented by GIZ.

Senegal
• Nexus objectives will be integrated in a new EC project with OMVS.

Dialogue with African Institutions
• The dialogue with African Institutions (AMCOW, AUC, ICA, ANBO, etc) on the Nexus will be assured as part of the Africa-EU Water Partnership Project implemented by SIDI under the JAES.

Thank You!