



This project is co-funded by
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Federal Ministry
for Economic Cooperation
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The Nexus Regional Dialogue in the MENA Region Nexus Action Plan

3rd Executive Committee Meeting
Nexus Regional Dialogue Programme
5 June 2019





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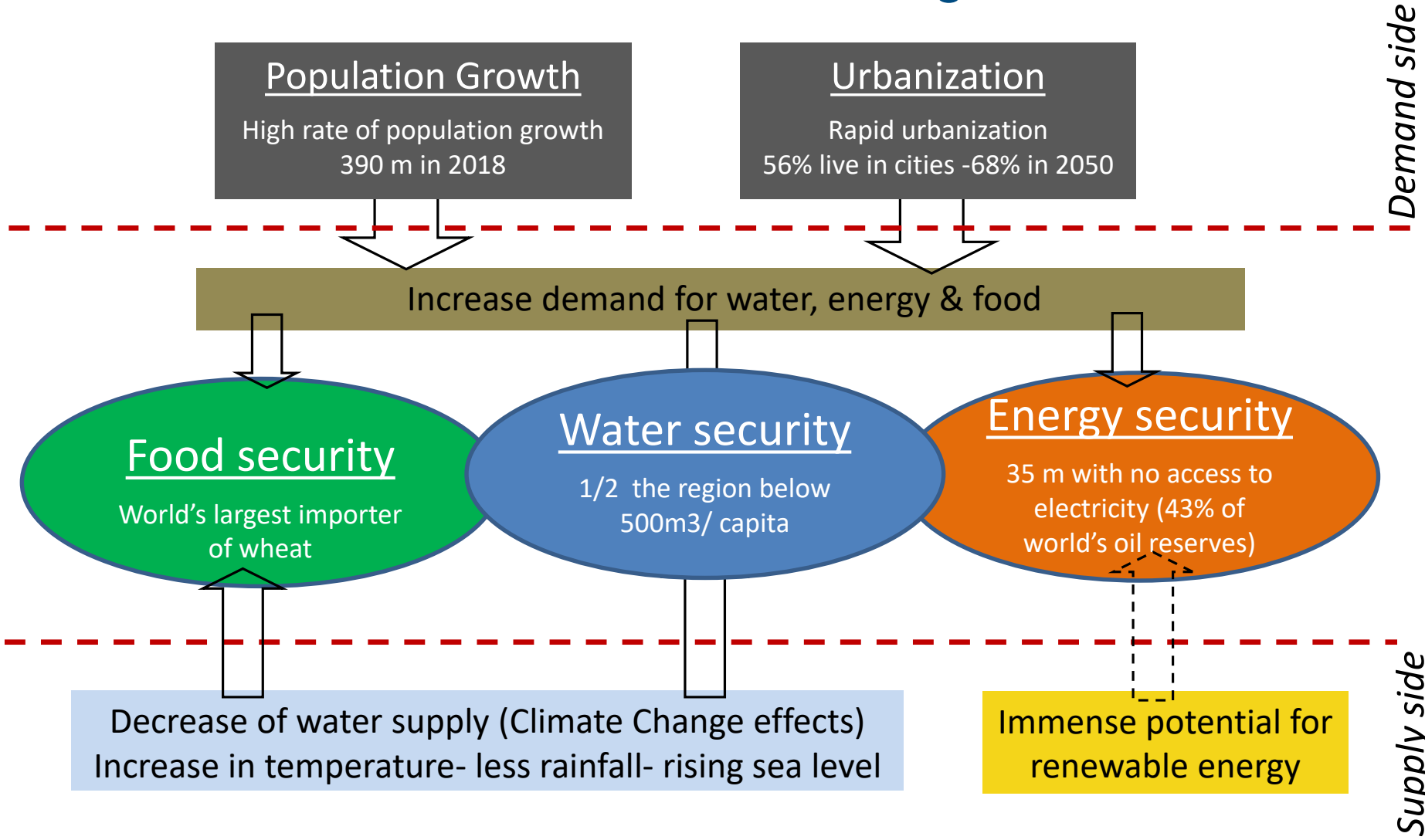


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WEF Nexus in the MENA Region



Nexus Action Plan- MENA

Nexus is well-known from a theoretical perspective: academics- policy makers- donors - A small range of projects are implemented using Nexus approach.

“A growing number of completed Nexus pilot projects and derived successful Nexus business cases will enhance private and public sector participation and thus increase WEF securities”.

Nexus investment projects

- 19 Projects: Regional- Jordan- Lebanon- Tunisia-Morocco- Sudan
- Scale: small -medium- large projects: 40K – 5m EUR

Framework Conditions

- 10 projects: Regional- sub-regional (Chad, Egypt, Libya and Sudan)- Jordan- Egypt- Sudan- Lebanon

Supporting activities

- 6 projects: Regional- Egypt

Selection of projects: demand from partners & org.- outcomes of NRD studies & WSS

Partners expressed commitment: Egypt- Tunisia- Sudan-Morocco- AOAD

Org. showed interest in collaboration: WB- NL Embassy- FAO- IWMI

Nexus Context /Topics in MENA Action Plan

High rate of pop. growth+ rapid urbanization

- Introducing Urban Nexus in the urban planning/ housing sector

Very scarce water resources

- Wastewater treatment for irrigation
- Water harvesting

Renewables rapidly taking off/RE potentials

- Solar pumping irrigation systems
- Solar desalination
- Solar water heaters

Good Nexus practices

- Replicating in other countries
- constructed wetland
- WWTP – energy recovery

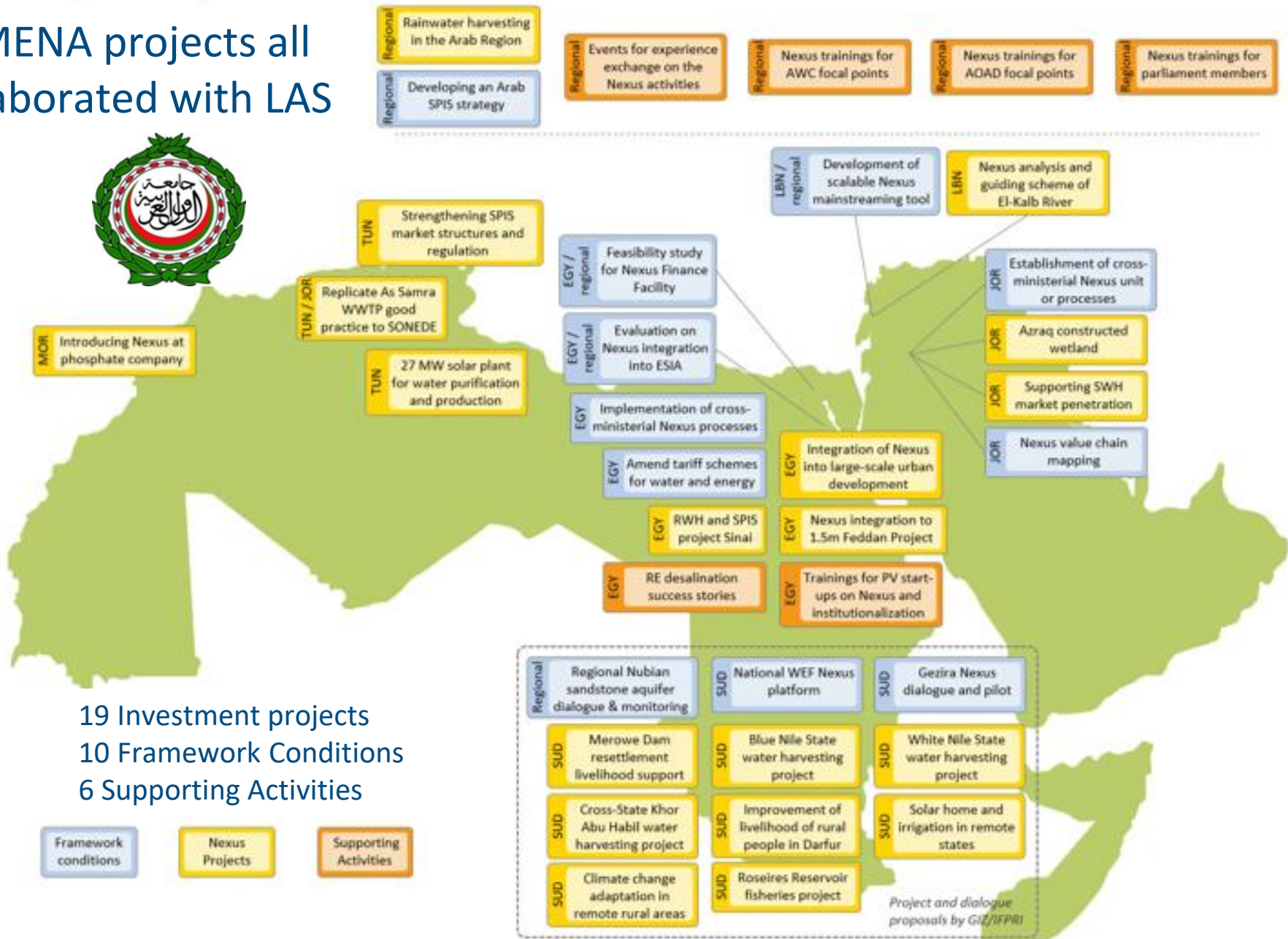
Private sector not involved in Nexus

- Nexus finance facility
- Strengthening SPIS market
- Training for PV start ups

Nexus not involved in env./ ecosystem

- Nexus to conserve ecosystems
- Nexus as part of SEIA

MENA projects all elaborated with LAS



19 Investment projects
10 Framework Conditions
6 Supporting Activities

Nexus Investment Projects

Project

Context

Focus area

Integration of Nexus into urban development (350K) Proposed by WB/IFC-GBC

Objectives: Developing guidelines for practitioners - Establish showcase model (“Nexus building”)- deriving and distributing success stories.

Impacts: change from grey to green urban planning in Egypt, regarding the speed and pressure for urban expansion in Egypt neglecting sustainable planning, an immense leverage effect- provide upscaling and transferring opportunities.

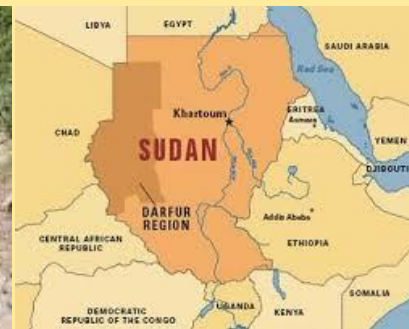


Nexus Investment Projects

Program on improvement of livelihood of rural people in Darfur region- 5 regions (5.4m existing from AOAD,WFP, UNDP, OFID)

Objectives: Enhancing agricultural value chains based on cereals, high value crops, livestock through utilization of best fit technologies- Reducing post-harvest losses-

Impacts: enhance food security, increase incomes, resilience to shocks and overall wellbeing of poor rural households.



Storage tanks crop diversification

Framework Conditions

	Project	Context	Focus area
1	Regional Nubian sandstone aquifer dialogue & monitoring (1m)	Chad, Egypt, Libya and Sudan	Fair share of water resources+ aquifer sus.
2	National WEF Nexus Platform (133k)	Sudan	Coordination mech.
3	Gezira Nexus dialogue and pilot urban development (1m)		ICT for accountability + energy saving
4	Feasibility study for Nexus Finance Facility (80K)	Egypt/ Regional	demand for finance Nexus projects-loans
5	Development of cross-ministerial Nexus processes (120K)	Egypt	Holistic planning- tariff- incentives- PPP
6	Establishment of cross-ministerial Nexus unit or processes (120K)	Jordan	Holistic planning operatons
7	Evaluation on Nexus integration into SEIA (450K)	Egypt/Regional	Benban Solar Park as a case study
8	Develop Arab SPIS strategy (120K)	Regional	Outcomes of SPIS &SEF studies
9	Nexus value chain mapping (25k)	Jordan	Nexus linkages study
10	Development of scalable Nexus mainstreaming tool (80K)	Lebanon/Regional	Assess Nexus linkages

Supporting Activities

		Project	Context	Focus area
1	Sharing experiences on regional level	Regional events for experience exchange on Nexus activities (15K)	Regional	Discussions on experiences (LAS)
2		Sharing solar desalination success stories (15K)		With KarmSolar (private sector)
3	Capacity building activities	Nexus training for AWC focal points (40K)	Regional	On demand from AWC
4		Nexus training for AOAD focal points (40K)		On demand from AOAD
5		Nexus training for parliaments members (15K)	Egypt	On demand from AWC
6		Trainings for PV start-ups on Nexus and institutionalization (25K)		Developing sustainable business models

Next Steps- 2019

- Analyzing **innovative financial instruments** of the EU.
- Preparation of proposed projects for **bankability** with EU & dev. banks.
- **Sharing the Action Plan** with national /regional organizations, donors, dev. banks: WB- ADB- IDB- FAO- NL Embassy- others who are interested in collaboration & initiating **agreements and partnerships**.
- Mapping **donors** in the region and their areas of interest.
- Collaborating with GIZ PSME/ Egypt in organizing an event for raising awareness & **promoting the Action Plan** projects: regional dev. banks- national banks- investors- policy makers.
- **South- south dialogue on private sector involvement** in Urban Nexus: UN ESCAP- ESCWA- HABITAT.



Thank You!

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