



Regional NEXUS Model Outline

LOOKING AHEAD

OUTLINING THE NEXUS MODEL

STEP 1: DEFINING NEXUS

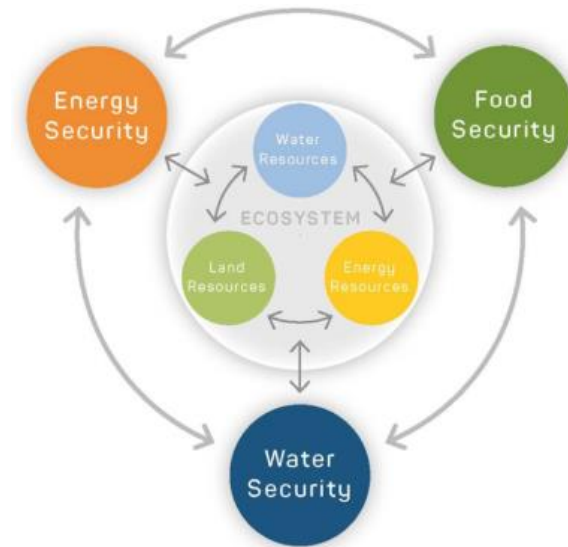
Building a clear understanding of NEXUS, by outlining definition, purpose, core principles as interlinkages and guiding sub-principles.

STEP 2: UNDERSTANDING THE MENA REGION CONTEXT

Focusing on providing an understanding of the MENA region context by presenting the key findings, key challenges and key opportunities at regional level summarized from the assessment reports

STEP 3: UNDERSTANDING THE NATIONAL CONTEXT OF THE PROJECT COUNTRIES

Focuses on national context of the project countries, their current situation, challenges, and practices with regards to water, energy and food naming a few of the key commonalities between the three countries with regards to the resources.



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STEP 4: UNDERSTANDING THE CONTEXT OF ENERGY, WATER & FOOD IN PROJECT MUNICIPALITIES

Highlights the understanding of the municipalities' context in terms of common challenges faced by the three project municipalities in the water, food and energy sectors, and accessibility of those resources while studying the socio-economic impact.

STEP 5: UNDERSTANDING THE MANDATE, ROLE AND OPPORTUNITIES FOR MUNICIPALITIES TO WORK IN ENERGY, WATER & FOOD NEXUS

Understanding municipalities' involvement and level of authority in the development process in their areas in terms of financial control, the management and governance over resources and the level of empowerment and facilitations measures they provide to community based organizations and other NGOs, and to enhance the role of municipalities to become a leader in the sustainable development.

STEP 6: APPLYING NEXUS IN MUNICIPALITIES

Analyzing the vicious cycles in Project countries, municipalities and citizens to be able to break them. An effective solution proposed by Prof. Holgar Hoff in his report to turn the current vicious circles into virtuous circles; is the implementation of pilot projects that demonstrate benefits and added value of the nexus approach that are scalable, replicable and can be communicated properly horizontally and vertically and support the transformation towards a green economy.

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STEPS TO APPLY NEXUS MODEL AT MUNICIPALITY LEVEL

Key steps for creating a NEXUS model that is applicable to municipalities:

1. **Synthesizing a baseline** of natural resource availabilities, demands, uses, and use efficiencies for each of the three countries and the governorates / districts in which the case studies are located¹;
2. **Exploring case studies for best practices** of NEXUS implementations, related to renewable energy, energy efficiency, water management and agriculture/food security;
3. **Quantifying direct and indirect benefits of a nexus approach**, based on available data and possibly employing nexus tools;
4. **Assessing the potential for transfer and upscaling of nexus implementation** from case studies and other pilot activities (taking into account context specific adaptation needs), identification of priority locations for further (context-specific) nexus implementations and recommendations for context-specific and country-wide nexus implementation;




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STEPS TO APPLY NEXUS MODEL AT MUNICIPALITY LEVEL

5. **Assessing the potential savings, added value and benefits** (at local, municipal and national scale²) of a transfer, upscaling and broad adoption of the nexus approach at national and regional scale³ (integrating top-down and bottom-up assessments);
6. **Identifying opportunities for mainstreaming the nexus approach into policies and institutions** (e.g. existing integration efforts⁴ and bridging institutions⁵) at local, municipal and national level, strengthening these institutions⁶ (which is another specific objective of the MINARET project) through mainstreaming the nexus approach;
7. **Identifying nexus opportunities for businesses and investments;**
8. **Developing a dialogue and knowledge platform for communication**, synthesis of information and experience, co-development of new knowledge, sharing, dissemination and educational purposes, including database development, training and capacity building, and also institutional development.

Customizing NEXUS Approach for Municipalities in MINARET

Assessments	<ul style="list-style-type: none"> Finalize Baseline Role of municipalities in region Case Study on best practices Framework of regional players 	
	Stakeholder Engagement, Value Chain Mapping & Selection	<ul style="list-style-type: none"> Municipality Task Forces Green Procurement Manual Capacity development plan Project value chain map Project Implementation & Monitoring Plans
	Projects' Implementation	<ul style="list-style-type: none"> Pilot Project implementation Socio-economic implementation Job opportunities Customized municipality NEXUS services
	Capacity Building	Capacity building delivery
	Communication & Networking	<ul style="list-style-type: none"> Communication baseline and action plans Website & platform activation Content creation, curation & sharing Stakeholders engagement & exchange of knowledge online & through exchange visits
	Model Scalability: SEAP / SECAP Action Plans	SEAP / SECAP plans for 3 municipalities created and/or updated
	Model Scalability: Access to Finance	<ul style="list-style-type: none"> Fund Creation Partnerships with Private Sector & Community Initiated Investment and service projects led by municipality with Public & Private sector and Community
	Model Scalability: Advocacy	<ul style="list-style-type: none"> White Papers Position Papers Partnerships for Projects
	Model Scalability: Knowledge Dissemination	<ul style="list-style-type: none"> Annual Learning Workshops Regional Conference & Final Event Presentations on MINARET in Regional & International Forums & Events
	Model Scalability: NEXUS Manual	NEXUS Manual documenting knowhow (lessons learned, steps, how-to) of the aforementioned approach
Gender Mainstreaming	Development & implementation of gender-mainstreaming strategic action plan in 3 Project municipalities.	



Thank you