



NEXUS: Existing National Policies and Needed Solutions

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Objective

- This Analysis is part of the first component of the Project: Situational Analyses and Needs Assessment, the overall goal is to Identify specific political, technical and human needs and opportunities related to renewable energy, energy efficiency, safe water management and food security for each Municipality

Methodology Adopted

- Review all valid Regulations, Policies and Frameworks of the WEF Related to Climate Change and Sustainable Development in close eye of Gender in the countries of Tunisia, Lebanon and Jordan.
- Identify the best practices, gaps and needed solution for enhancing and improving these regulations, policies and frameworks for each sector in each country.
- List applicable recommendations that will tackle the identified gaps and insure optimal implementation of the NEXUS concept in sustainable manner.
- Propose a set of actions needed to address the recommendations (tailored by time and budget for each country)

Water Sector - Tunisian Case - General Description

In Tunisia, the water governance has four main interdependent dimensions:

- **Social Dimension** which aims at an equitable use of the resource,
- **Environmental Dimension** that allows sustainable use of the resource and ecosystem integrity,
- **Economic Dimension** efficient use of the resource and the role of water in economic growth,...
- **Political Dimension** ensuring equal opportunities for all stakeholders, users and citizens access to water.

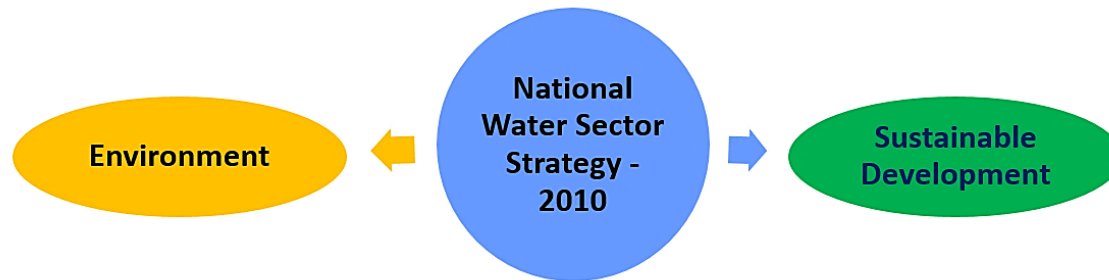


Water Sector - Tunisian Case - Gaps and Recommendations

- There is a slow evolution towards a new approach that takes into account the quality and quantity of water as well as the whole hydrological system, the promotion of demand management, tariff reform, the establishment of public-private partnership and strengthening the enforcement of environmental protection regulations (which is the concept of Integrated Water Resources Management, IWRM).

Water Sector - Lebanon Case - General Description

- The mission of the National Water Sector Strategy prepared by the MoEW in 2010 and enacted by the Lebanese CoM under decision No.2 in 2012 ensure water supply, irrigation and sanitation services over all the Lebanese territory on continuous basis and at optimal service levels, with a commitment to environmental, economic and social sustainability.



- In 2012, the Council of Ministers (CoM) endorsed the National Water Sector Strategy (NWSS) prepared by the Ministry of Energy and Water in 2010.

Water Sector - Lebanon Case - Gaps and Recommendations

- There is a clear fragmented legislative gap with weak enforcement.
- Lebanon has a good baseline of laws and regulation related to the water sector which are poorly implemented and enforced, this results from the existing overlap of roles and responsibilities between and within institutions.

Water Sector - Lebanon Case - Gaps and Recommendations

Recommendations for Reform and Enforcement are:

- ✓ **Adoption of a basin management approach** which will be a form of decentralized resource management.
- ✓ **Creation of a national water board** that includes all involved executive and legislative governmental bodies.
- ✓ **Activation of existing mechanisms and institutions** which promote and regulate accountability and transparency in the public sector.

Water Sector - Jordan Case - General Description

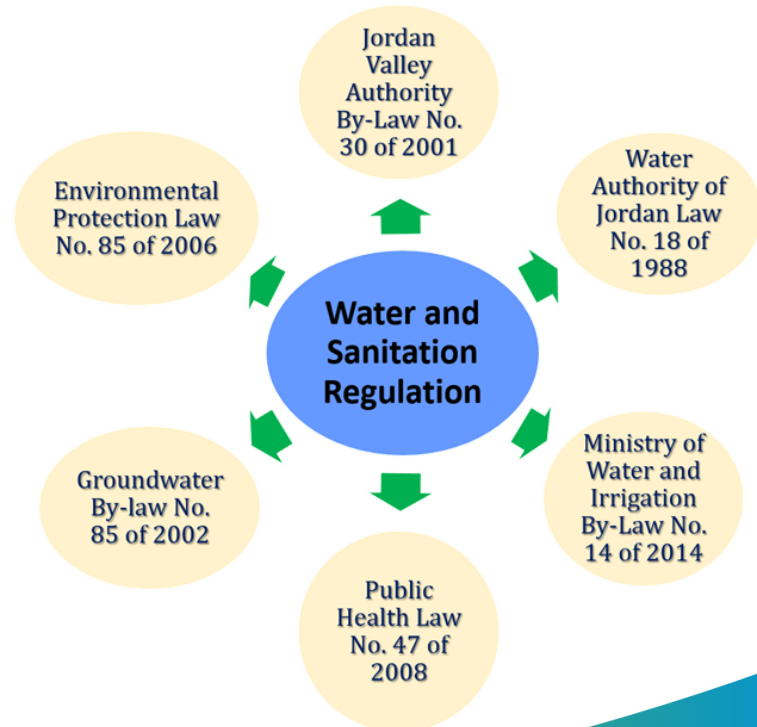
The National Water Strategy (2016-2025) is in line with the new strategies adopted in other sectors including:

- ✓ National Energy Strategy 2007-2020 adopted by the Royal Energy Committee.
- ✓ Agriculture Document of 2009 issued by the Ministry of Agriculture
- ✓ Environmental Policy and Plan of Action developed by the Ministry of Environment.
- ✓ Strategy Documents for health, education and municipal affairs.
- ✓ included provisions for climate change, water-energy-food nexus, and focus on water economics and financing, sustainability of overexploited groundwater resources and the adoption of the new technologies and techniques available.



Water Sector - Jordan Case - General Description

- Regulations of the Water and Sanitation are mandated by:
 - ✓ the Ministry of Water and Irrigation By-Law No. 14 of 2014;
 - ✓ Water Authority of Jordan Law No. 18 of 1988 and its amendments;
 - ✓ Jordan Valley Authority By-Law No. 30 of 2001.
- Other relevant laws include Public Health Law No. 47 of 2008, Environmental Protection Law No. 85 of 2006, and Groundwater By-law No. 85 of 2002 and its amendments.



Water Sector - Jordan Case - Gaps and Recommendations

- The national water sector would require a reworked governance strategy and institutional framework that rationalizes, consolidates and reorganizes the core governance functions.
- There is a growing need for a more consolidated, harmonized and coordinated water management organization, backed by a strong legal/regulatory framework.
- A harmonized national structure needs to be empowered.

Recommendations for Improvement



- Harness existing multi-stakeholder platforms to improve policy coherence, institutional and social learning and leadership
- Empower and strengthen existing institutions already active
- (Integrated policies, non-siloed thinking, linking up across sectors and ministries).
- The establishment of a network of leading experts in the region
- Enhance coordinating and collaborating mechanisms
- Implement integrated planning and management
- Improve resources efficiency towards the transition to sustainable economy through reforming economic policy and market incentives.

Recommendations for Improvement

- Promote sustainable consumption and production patterns to achieve SDGs and mitigate and adapt to climate change mandate
- Scale up, replicate and fund on-going projects related to the nexus concept
- Mainstream the nexus mental models, concepts, and tools in policy and development plans.
- Develop specific institutional and individual capacity building programs across the different sectors.
- The involvement of civil society in the nexus governance
- Support and provide incentives for strategic partnerships and cooperation between research centres and the private sector.

Recommendations for Improvement



- Apply appropriate policy, legislative and economic tools to ensure that basic human needs for the three resources are met
- Ensuring that the environmental and social needs of future generations are reflected in current policies and practices.
- Improve outreach to the vulnerable, such as poor men and women, and the younger and older generations.
- Ensuring that women are equal partners with men in decision-making
- Reforms are also needed at the local level to effectively integrate gender-aware and participatory approaches into local and regional businesses, especially to empower women.

Sample of the Proposed Action Plans - Tunisian Case

Action-1: National Workshop for Discussing the Current Regulation and Policies

General Description	Objective	Indicators	Required Resources	Responsibility	Duration – Starting Date
Conduct regional workshop to present the findings and results of the Assessment of Current Policies, Regulatory and Legal Framework on Renewable Energy & Energy Efficiency, Water Management and Food Security NEXUS and Sustainable Development Considering the Climate Change in Close Eye of Gender.	Agree on the recommendations and action plan proposed for improvement by each country; Jordan, Lebanon and Tunisia.	Agreed actions for improving the current frameworks and policies for better interlinking the WEF nexus and climate change adaptation and sustainable development in close eye of gender and vulnerable groups.	<ul style="list-style-type: none"> • Venue and Logistics (5,000 USD). • National Consultant (5,000 USD). 	IUCN ROWA - MINARET Project.	Two Weeks (First Quarter, 2018).

Action-2: Developing Project Proposals

General Description	Objective	Indicators	Required Resources	Responsibility	Duration – Starting Date
Develop project proposals for ensuring that the environmental and social needs of future generations are reflected in the national policies and practices of the WEF nexus.	Ensuring that the environmental (including the Climate Change Adaptation) and social needs of future generations; such as including the Gender equality, Vulnerable Groups and Marginalized Groups are reflected in the national policies and practices of the WEF nexus.	Developed Project Proposals (Documents) that ensure the environmental and social needs of future generations are reflected in the national policies and practices of the WEF nexus	<ul style="list-style-type: none"> • National Consultant (80,000 USD). • Consultation Workshops (30,000 USD) 	Government.	Three Months (March, 2018).

Sample of the Proposed Action Plans - Tunisian Case

Action-3: Testing and Validation of the Proposed Nexus Methodological Framework

General Description	Objective	Indicators	Required Resources	Responsibility	Duration – Starting Date
Testing and validation of the proposed Methodological Framework developed by IUCN-ROWA in Dec, 2017	NEXUS Methodological Framework to be used as an Approach for making explicit and structuring how a NEXUS Concept should be performed and Implemented.	Tested and Validated Methodological Framework	<ul style="list-style-type: none"> • Venue and Logistics (20,000 USD) • National Consultant (20,000 USD) 	Government.	Three Months (March, 2018).

Action-4: Capacity Building – Developing and Conducting Training Programme

General Description	Objective	Indicators	Required Resources	Responsibility	Duration – Starting Date
Developing a training material to be implemented across the various WEF related sectors to build national capacities on the analytics as well as the negotiation aspects of the implementation of nexus solutions at different levels for enhancing the current policies, regulatory and legal framework. Conducting 3-4 training courses (based on the developed training material)	Well trained group of, policy makers, specialists and technical officers who will support the enhancement of the current policies, regulatory and legal framework related to the WEF nexus.	Developed training material – curriculums for the best implementation of nexus solutions at different levels for enhancing the current policies, regulatory and legal framework and well-trained groups of specialists, experts and middle management officers	<ul style="list-style-type: none"> • National Consultants: (50,000 USD) • Venue/Logistics: (25,000 USD). • Travel and Accommodation: 25,000 USD 	Government.	Five Months (April, 2018).

Sample of the Proposed Action Plans - Tunisian Case

Action-5: Identifying the Best Practices and Success Stories

General Description	Objective	Indicators	Required Resources	Responsibility	Duration – Starting Date
Identify the best project in the Arab Countries to be replicate and scaled up and build up on the success stories and sharing experience as south-south cooperation	Inventory (to be updated annually) of the best practices within the Arab countries, this is to be used as reference of the success stories to be replicated in other Arab countries	Inventory of the best practices and success stories	<ul style="list-style-type: none"> National Consultants: 30,000 USD) 	Government.	Three Months (May, 2018).

Action-6: Exploring More Potential Linkage between WEF-Security Nexus and Environment, SDG, and DRR at Local (Municipal) and National Levels

General Description	Objective	Indicators	Required Resources	Responsibility	Duration – Starting Date
Exploring more potential linkage between WEF-Security Nexus and Environment (Climate Change Impact), Sustainable Development Goals SDG (Gender, Vulnerable and Marginalized Groups) and Disaster Risk Reduction at the local (Municipal) and National levels.	Creating more synergy when working with the diffrenet top mentioned topics in non-silo thinking and as comprehensive and integrated approach.	Well defined linkages between WEF-Security Nexus and Environment, SDG, and DRR at the local level and at different sectors.	<ul style="list-style-type: none"> National Consultant: 30,000 USD Consultation Workshops: 20,000 USD 	Government.	Four Months (June, 2018).

Sample of the Proposed Action Plans - Tunisian Case

Action-7: Selective Review and Update for Certain Legislations, Laws and Legal Frameworks to Mainstream the WEF Nexus with the National Strategies

General Description	Objective	Indicators	Required Resources	Responsibility	Duration – Starting Date
Based on the identified linkage between WEF-Security Nexus and Environment (Climate Change Impact), Sustainable Development Goals SDG (Gender, Vulnerable and Marginalized Groups) and Disaster Risk Reduction at the local level, conduct selective revision and update for the related legislations, laws and frameworks.	Proposals for revised and updated related legislations, laws and frameworks.	Developed proposals for revised and updated related legislations, laws and frameworks that could be used further in supporting the synergy and linkage.	<ul style="list-style-type: none"> • National Consultant: 10,000 USD • Consultation Workshops: 10,000 USD 	Government.	Six Months (April, 2018).

Action-8: Establishment of a Network of Leading Experts

General Description	Objective	Indicators	Required Resources	Responsibility	Duration – Starting Date
The establishment of a network of leading experts in the region is encouraged to create more synergy in the technical knowledge as well as in transboundary issues, international conventions and legal and institutional aspects.	Network of Leading Arab Experts for the purpose of creating more synergy in the technical knowledge as well as in transboundary issues, international conventions and legal and institutional aspects.	Well established network of leading experts	<ul style="list-style-type: none"> • National Consultants: (10,000 USD) • Communications: (30,000 USD) 	Government.	Five Months (May, 2018).



Thank you