

Activity Brief

Water / Energy - Jordan

Activity Name	Implementation of water pilot projects
Lead Partner	Horizons for Green Development
Supporting Partner(s) if applicable	NERC, IUCN
Geographical Scope of Activity	Within Municipality Boundaries: Al-Karak
Budget Line Item	Pilot action
Budget Amount	\$100,000
Start Date	June 2019
End Date	Dec 2019

SECTION A: ACTIVITY DESCRIPTION

1.1 Activity Summary

Selection of the pilot project based on certain criterion has been completed. The pilot project that will be implemented in Al-Karak municipality:

- Decorative plant nursery using treated water, composting and solar pumping.

The objective of this year's activity is to execute the pilot projects in the targeted municipality.

Project details:

Al-Karak municipality currently spends \$120,000-\$150,000 a year on roadside plants for the purpose of minimizing and preventing erosion. The project aims to utilize a stream produced by a water treatment plant to irrigate decorative plants by pumping the water using solar power. The intervention will create the plant nursery on municipality land and will install a solar water pump and a solar farm to power it, this is an addition to the existing solar farm in the area that will provide the energy for all non-water pumping related needs.

The project will be profitable when the municipality starts producing its own plants, saving around 50% of the annual budget allocated for this purpose. The new income will be a driving factor for the creation of jobs through the new source of income, while the income will be used to fund other Nexus projects through a Special Purpose Vehicle implemented by the municipality as a local development unit. The project will also assist in restoring Al-Karak's ecosystem through the regrowth and spread of plant species native to the area.

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1.2 Approach to Ensure Community Participation

- The project will be conducting meetings with the community to further discuss the technologies selected, their designs, and impacts in terms of water savings and access to water.
- Other trainings will be carried out for community representatives to understand the technicalities of the systems installed (if needed), and train them on the operation and maintenance of these systems.
- The project will make sure that it will hire locals throughout the execution of the project.

1.3 Gender Mainstreaming Approach & Plan

- Encourage women to participate in stakeholder meetings and awareness sessions or arrange separate meetings for women from the perspective of cultural appropriateness, if this is required. Use communication channels that will reach women so they are informed about participating in the meeting. Propose a schedule for the meeting that is gender sensitive and according to the preferences of women. Consider options for childcare if it is a barrier for women who wish to attend the meeting.
- Cooperate with Momya Waterfalls Society, Women's Cooperative Society and local women to increase and encourage the participation of local women in the project, and understand their issues to determine how the project will help/affect them.
- Scout venues for meetings that are accessible to people living with disabilities and consider providing services such as sign language if necessary.

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1.4 Activity Objectives & Expected Results

Activities	Objective	Input	Outputs/Measurable Results	Purpose/Impact
Implementation of the pilot project in the Al-Karak municipality	Develop a pilot project that creates the basis for further development of the Nexus approach in the targeted municipality.	Comprehensive development plan for the pilot project.	Completed functional pilot project in the targeted municipality	Increase knowledge and the know-how for adopting the nexus approach on several levels. Provide measurable lasting benefit to the people of the municipality.

1.5 Implementation Plan & Time-frame including gender mainstreaming & community participation

[illegible]

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[illegible]

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a. Communication Plan

Throughout the implementation of the project, communication strategy will be as follows:

- The focal point at the municipality will be the channel of communication between the project team and contractors executing pilot projects.
- Monthly skype meetings between focal point, MINARET team, and contractors will be held for progress update.
- Field visits to Al-Karak will be conducted regularly when the project is in the implementation phase for monitoring and evaluation.
- Documentation during the project's implementation will be carried out to ensure transparency in implementation and show any remedial actions needed to be taken.

SECTION B: ACTIVITY BUDGET FOR 3 MUNICIPALITIES

(LEBANON, JORDAN, TUNISIA)

Activity	Estimated budget	Notes
Task 1	2000 JODs	Consultancy (Autocad drawings, GIS, mapping, site plans)
Task 3	500 JODs	Venues, coffee break
Task 6	1200 JODs	2 meetings/ municipality *3 municipalities (6 meetings in total* 200JODs)
Task 7	Lebanon: \$60,000	Implementation
	Tunisia: \$60,000	
	Jordan: \$100,000	
Task 8	600 JODs	1 meeting/municipality* 3 municipalities (3 meetings in total * 200JODs)