



The MENA Region Initiative as a Model of NEXUS Approach and Renewable Energy Technologies Project (MINARET)



Project Components and Activities

Summary

Name of the Applicant	Royal Scientific Society/National Energy Research Center (RSS/NERC)
Proposal Reference	Regional Strategy for Sweden's Development Cooperation with the Middle East and North Africa (MENA)- (2016-2020)
Title of the project	The MENA Region Initiative as a Model of NEXUS Approach and Renewable Energy Technologies
Acronym	MINARET
Topic (as mentioned in Swedish Strategy)	Environmental improvement, reduced climate impact and increased resilience to environmental impacts, climate change and natural disasters
Location of the project	Beneficiaries and target countries: Jordan, Lebanon and Tunisia
Duration	4 Years

Project Partnership

Applicant	Royal Scientific Society/National Energy Research Center	RSS/NERC	Jordan
Project partner 1 (PP1)	International Union for Conservation of Nature	IUCN	Jordan
Project partner 2 (PP2)	Future Pioneers for Empowering Communities	FPEC	Jordan

Beneficiaries

Sahab Municipality	Jordan
Al Karak Municipality	Jordan
Jdaideh municipality	Lebanon
Monastir Municipality	Tunisia

Focal Points

Youth Development Organization (YDO) in Lebanon	NGO	Lebanon
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Association of natural resources and development) ARND in Tunisia	NGO	Tunisia
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Project's Main Objective

The overall goal of the proposed project is to “Strengthen regional cooperation within the MENA region through implementing the NEXUS approach (energy/water/food) integrated with renewable energy technologies at the municipality level, to mitigate climate change impacts and combat poverty”.

Project's Specific Objectives

- ▶ **Objective (1):** Build the municipality's resilience to climate change through adopting renewable energy resources (RER) and energy efficiency (EE) applications, water management techniques and food security approaches.
- ▶ **Objective (2):** Strengthen institutional capacities of the relevant governmental authorities involved in the project, through promoting policy dialogues and implementing different capacity-building programs.
- ▶ **Objective (3):** Promote inter-municipal regional cooperation to enhance good governance, and equitably dealing with the needs and human rights especially for refugee's surviving in and around municipalities.
- ▶ **Objective (4):** Reinforce the role of women, youth and marginalized groups in developing and implementing NEXUS approach.
- ▶ **Objective (5):** Develop a MENA dialogue platform focusing on knowledge share, education and lesson learned at national, regional policy levels.

EXPECTED RESULTS

Result (1): Identified stakeholders' and beneficiaries needs, and capacities relevant to the promotion and implementation of sustainable development measures and activities.

Result (2): Identified baseline for energy and water consumption, GHG emissions and renewable energy use at the municipality level.

Result (3): Enhanced capacities of local authorities in different sustainable development actions through implementing the most cost-effective renewable energy, water and food security measures.

EXPECTED RESULTS

Result (4): Fostered inter-municipal and Regional cooperation and policy dialog through establishing high school Green Clubs and a Regional platform between municipalities across the MENA region to exchange experience and jointly identify and overcome sustainable development challenges.

Result (5): Recognized, empowered and enhanced roles of women, youth and marginalized groups as "Actors of Change" in sustainable development

EXPECTED RESULTS

Result (6): Increased awareness of local communities and authorities for better understanding of the long-term national and Regional implications of climate change through "grass-roots" educational programs, workshops and info-days for children and youth, as well as for women and other marginalized groups.

Result (7): Increased awareness of local communities, stakeholders and authorities for better understanding of the long-term national and Regional implications of climate change.

Project Components

► **Component one: Initiation and Situational Analysing**

Overall Goal: Identify specific political, technical and human needs and opportunities related to renewable energy, energy efficiency, safe water management and food security for each Municipality.

► **Component Two: Communication and Networking at local and regional levels**

Overall Goal: Enhance the political, technical, and human capacities to educate, communicate, and network energy, water, and food sustainability issues both locally and regionally

Project Components

► **Component Three: Implementation and Capacity Building**

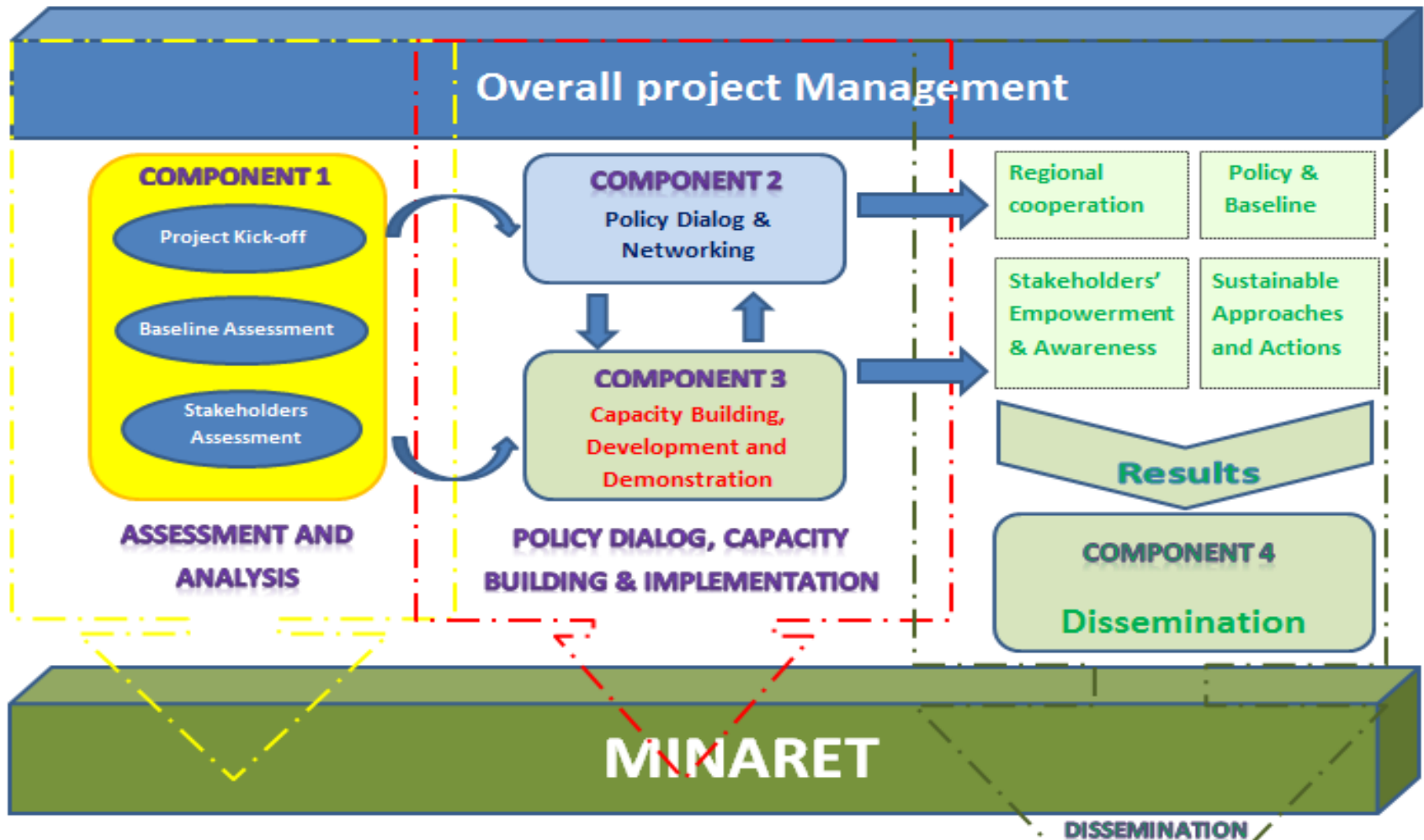
Overall Goal: Build local and inter-municipal, regional capacities in energy, water and food sustainability, especially for women, youth and other marginalized groups, through awareness, education, on-the-job training and implementation support for identified sustainability projects, including women's NGOs and entrepreneurial enterprises

Component one: Initiation and Situational Analysing

► **Component Four: Dissemination of results, best practices and lessons learned of the project**

Overall Goal: Report, document and share best sustainability practices and lessons learned, at the local community, country and inter-regional levels, to foster dialogue and ongoing implementation of program results in communities throughout the Region

Project Structure





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Thank You