

# Sida Introduction Presentation

16 May 2019

# Who are Minaret Implementing Partners?





The Royal Scientific Society (RSS) is the largest applied research institution, consultancy, and technical support service provider in Jordan and considered as a regional leader in the fields of applied science & technology.

NERC is one of the main institutions offering their Energy expertise and access to synergies with a number of centers working various verticals such was water & environment, construction.



International Union for Conservation of Nature

- IUCN is the world's oldest and largest global environmental organization
- Mission: valuing and conserving nature, ensuring effective and equitable governance of its use.



Horizons for Green Development (HFGD) is a Jordanian non-profit organization

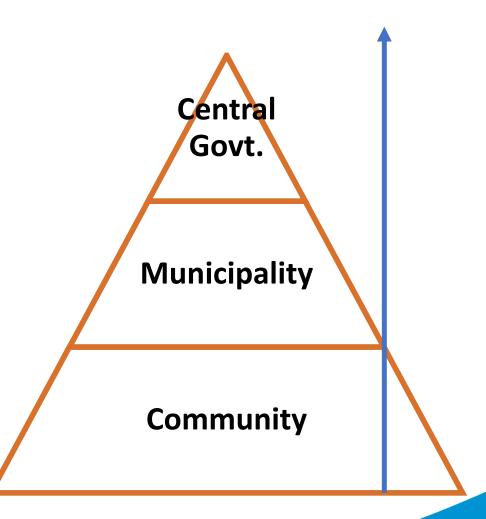
- committed to empowering communities through sustainable development.
- Mission: contribute to alleviating water shortages, increased use of RE and EE and improved food securities.

## What is Minaret?



## The first Project in the region

- nexus approach
- Bottom-up approach: catalyzing the role municipalities
  - To demonstrate NEXUS projects can:
    - solve water, energy and food security challenges;
    - provide economic, social and environmental value.





Water-Energy-Food NEXUS is central to sustainable development

### **NEXUS** is:

- 1. Process-oriented
- 2. Solutions-oriented

Energy

Food Water

Balancing for win-win: finding Synergies & tradeoffs



## Water-Energy-Food NEXUS is central to sustainable development

### **NEXUS** is:

3. Goal-driven

**Maximizing Improving** Resource Use Livelihoods Improve efficiency of Provide economic agricultural practices opportunities Reduce fossil fuel's Address increase of dependence on population energy Conserve finite water Address migration of people to cities resources

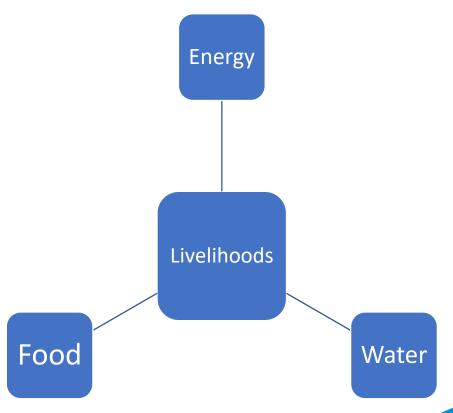


# Minaret utilizes NEXUS in municipalities to achieve SDGs & Sida Strategic goals

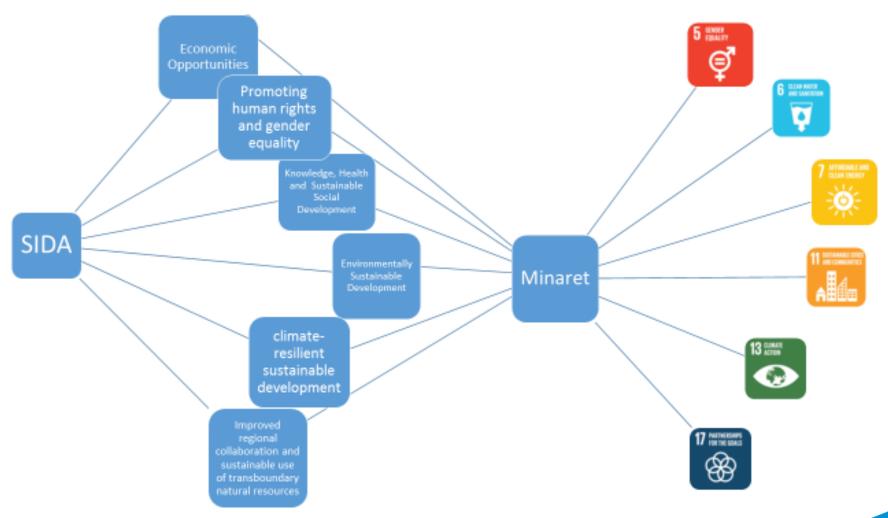
 Supply people with energy and water and food while maximizing resource use efficiency.

#### **AND**

1. Use energy, water and food to improve livelihoods.

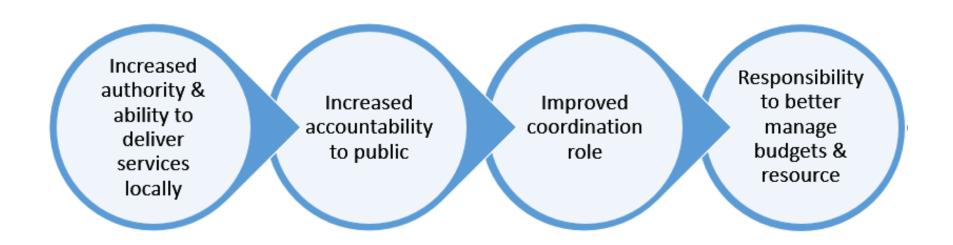








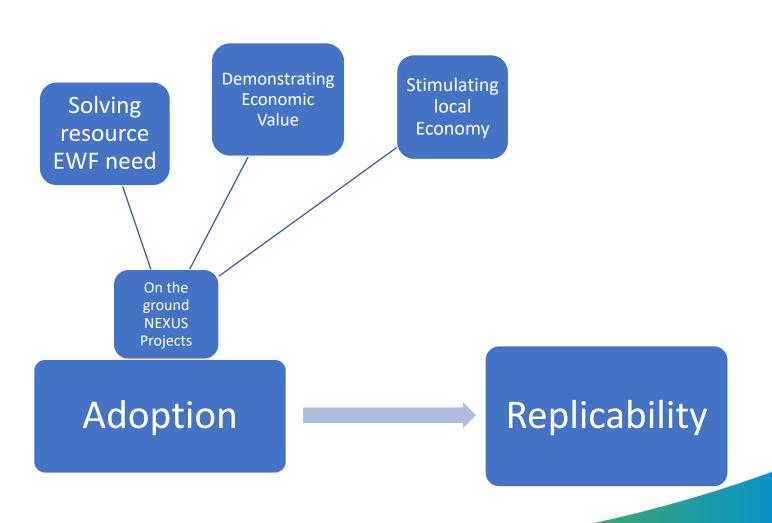
Decentralization as a regional trend returns municipalities to their original mandate



## The road to adopting MINARET



## A successful case study On the ground demonstration



## The road to Replicability



## Adoption

## Replicability

## Situational & Baseline Assessment

• A quantifiable baseline

#### Learning & Growth

 Key stakeholders have capacities to sustain & expand the Project.

## Effective Communication & Networking

- Performance improvement
- Know-how sharing
- Partnerships building

#### Planning & Financing

- Effective planning & tracking of Climate Action.
- Networking and finance through CoM
- Enabling PPP environment
- Sustained municipality revenue
- Provision of Local sustainable jobs

# Our Plan



	Year 1	Year 2	Year 3	Year 4
Situational & Baseline Assessments	<ul><li>1.Project Outlines</li><li>2.Prioritized Sida-funded projects</li><li>3.Measureable baseline</li></ul>			
Demonstration Projects		<ul> <li>1.List of projects across input to market identified quantifying benefits and costs</li> <li>2.Concepts developed for all projects emerging from studies</li> <li>3.Detailed plans for the prioritized Sida funded co-developed with relevant stakeholders</li> <li>4.Sida-funded projects implemented and documented effectively</li> </ul>		
Learning & Growth	1.NEXUS Task Force mandate, governance structure, procedures developed. Team established & trained 2.Green procurement Manual produced 3.Capacity building opportunities delivered based on specific capacity needs identified by stakeholders 4.Detailed NEXUS Municipality manual prepared to be used to replicate Minaret NEXUS approach.			
Communication & Networking	<ul><li>1.Communication Action Plans developed in 3 Project municipalities</li><li>2.Content translated, curated and/or produced and then shared on website and platform.</li><li>3.4 annual learning workshops, 3 Conferences &amp; 6 Presentations Conducted on MINARET NEXUS in Regional &amp; International Forums &amp; Events.</li></ul>			
Planning & Financing			1.Municipalities join the Covenan 2.Sustainable Energy & Climate A 3.NEXUS fund established (if poss 4.List of prioritized and bankable 5.Investment attraction & closing	ction (SECAP) plans created ible) projects prepared

# Bringing in the environment, the economy and the social pillars all together





"These 17 Goals build on the successes of the Millennium Development Goals, while including new areas such as climate change, economic inequality, innovation, sustainable consumption, peace and justice, among other priorities. The goals are interconnected – often the key to success on one will involve tackling issues more commonly associated with another."

# Why Is this Project a Game-Changer?



1. Minaret is **the expert in using NEXUS and value-chain mapping** approaches <u>as a multiplier</u> to achieve social, environmental and economic value.

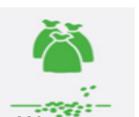
2. Municipalities and the community **replicate and expand** NEXUS projects.

3. Other municipalities in the MENA region use NEXUS & value chain approach to implement NEXUS and climate action projects.

# **NEXUS & Value Chain for Municipalities**

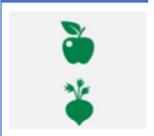


#### Inputs



- Water
- Energy
- Seeds
- Fertilizers
- Water & tanks
- Loans for:
  - RE / EE
  - Seeds
  - Fertilizers

#### Farming & Growing



- Farmers
- Equipment

#### Retail



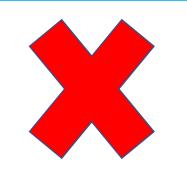
Wholesale retailers

#### **End Market**



- Consumers
- Guesthouses
- Restaurants

- Farmers' Coop
- Farming capacity improvement

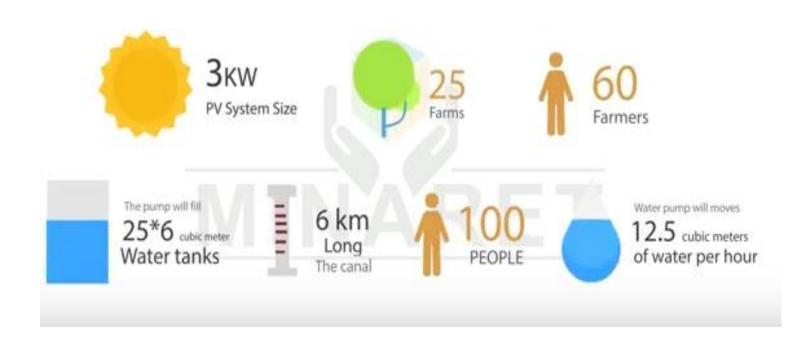


- Souq Al-Ghalleh
- Agro-tourism market linkage

## **NEXUS & Value Chain for Municipalities**



## **Minaret Water Project: Solar Pump & Canal**



## **NEXUS & Value Chain for Municipalities**



## Minaret Socio-economic Project: Jdeideh Women's Organization



# Why Is this Project a Game-Changer?



1. Minaret is positioned as the expert in using NEXUS and climate investment-grade projects to move municipalities out of debt.

2. Municipalities and the community replicate and expand NEXUS projects.

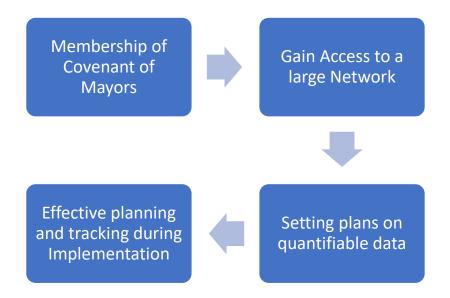
3. Other municipalities in the region use Minaret's planning & financing approach to implement NEXUS and climate projects.

## Planning & Finance for Municipalities



#### What the Covenant of Mayors Can Do!

- The main challenge is that municipalities are not able to identify investment opportunities, and attract investors
- Also limited abilities to invest and borrow funds to support local investments



## Planning & Finance for Municipalities



Investmentgrade opportunities

De-risking through loan guarantees

Attraction and closing of investment

Support and evaluation post-investment

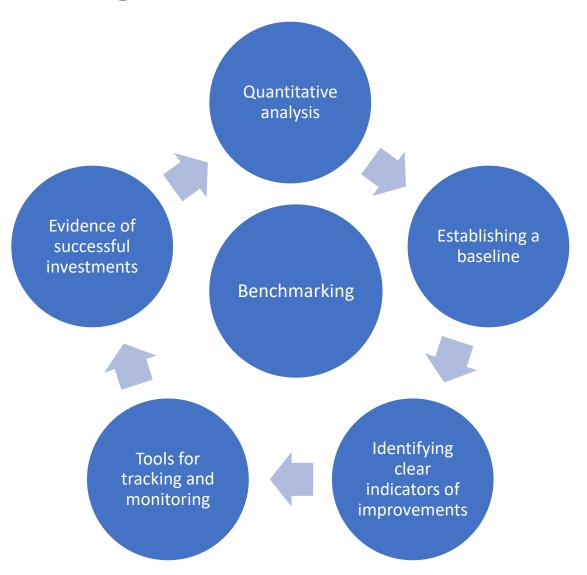
Self-sustaining businesses

Enabling a favorable PPP environment

Sustained revenue source to support municipal budgets

## Benchmarking







# Thank you