

Al Murunah (Flexibility)

Building Climate Resilience through Enhanced Water Security in MENA

Al Murunah+

Advancing Positive Gender Norms for Resilient Families and Communities

Al Murunah uses Resilient Nature-Based Water Solutions (RNBWS) to demonstrate how Egypt and other nations can achieve water, agriculture, environment and rural development goals through community-led and scalable climate change adaptation approaches that support people and the planet.

Physical Impact

Al Murunah's innovative agricultural interventions have delivered tangible results for farmers. Through adoption of solar powered and piped irrigation systems, laser-leveling technology, salinity treatments and targeted demonstration fields, farmers have achieved water savings, increased yields and reduced soil salinity.

112 ha

of sustainable
land management
practices

10-25%

water savings due
to laser leveling +
SPIS and piped
surface irrigation

15%

crop
productivity
increase

Salinity decrease

from 4,000
mmhos to
1,500 mmhos

95%

reduction in rot/
wilt in Artichoke
nursery

In farmers' demonstration fields

Return on Investment (ROI)

The project delivers sustainable and strong ROI by fostering low-complexity solutions backed by capability building and economic empowerment for long-term impact.



women involved in Nawallas have seen
about 50% gain in agro-processing incomes



Nawala ROI: 1 EGP
invested generated 8 EGP



SPIS – annual ROI: 12.3%

Household Empowerment and Positive Gender Norms

Empowering households and promoting positive gender norms are central to Al Murunah's holistic approach to sustainable development. By focusing on equitable relationships, inclusive leadership and community engagement, the program drives the social change necessary for sustainable environments and communities.

150

couples completed the EA\$E
(Economic and Social
Empowerment and Business
Skills Training) curriculum

3-4

knowledge tools disseminated
covering positive gender norms,
financial planning and equitable
household decision-making

40

community leaders
trained on gender
equality and inclusive
leadership

8,460

individuals reached
through awareness
activities and social
media

Economic Resilience and Climate-Smart Agriculture

Al Murunah's economic resilience and climate-smart agriculture interventions are equipping households and farmers with the tools and training needed to thrive in changing environments.

1,100

reached with project
interventions

150

households equipped with climate
smart agriculture practices

186

farmers and community members
trained to implement RNBWS

Policy Impact

Al Murunah drives actions that realize the objectives of the National Water Resources Plan 2037, the National Adaptation Plan and National Climate Change Strategy 2050 and Egypt Vision 2030. Project learnings are now supporting refinement of agricultural development policies, operationalization of Regional Water Councils, and critically the development of a **plan to scale the intervention model in Nile Delta Governorates of Beheira, Kafr El Sheikh and Dahkiliya.**



For more information, contact:

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