



Shared Prosperity Dignified Life

COP27
SHARM EL-SHEIKH
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UN Climate Change High-Level Champions

Towards COP27: Arab Regional Forum on Climate Initiatives to Finance Climate Action and the SDGs
Project Fact Sheet

**Water-Energy-Food Nexus Approach to Face the Impacts of
Climate Change in Central Tunisia**

TUNISIA

Climate finance purpose
Adaptation; Co-Benefits
Sector
Water, Energy, Agriculture
Geographic coverage
National, Sub-National/ Gafsa, Sidi Bouzid, Kairouan, and Kasserine Governorates
Description
The project aims to ensure a transition towards more resilient agricultural production systems while enhancing living conditions of local rural populations and small-scale farmers relying on natural resources for their subsistence. Particular focus is made on a wholistic approach for enhancing agricultural resilience in the context of natural resources degradation, water scarcity, droughts and internal migration towards the North of the country due to climate change. The project addresses incremental climate change adaptation measures based on short-term solutions in preparation for long-term climate change adaptation measures leading to transformational results.
Beneficiaries
The beneficiaries of the project are the farmers of the 4 areas (Estimated adaptation impact: number of direct beneficiaries and % of population: 123 924 (1.08% of population) direct beneficiaries (51% are women), 1777045 indirect beneficiaries.
Climate rationale
The zones covered by the project suffer from many obstacles facing climate change adaptation efforts. Those obstacles are existing land policies, national programs for increased agricultural production, lack of proper infrastructure investments, improper resources governance, lack of adequate data, and poor integration of climatic considerations in decision making processes. In addition to that, the existing adaptation measures in the project zones are not properly based on anticipation and proper planning which usually necessitate large financial resources.
Expected outcomes
<ul style="list-style-type: none"> • Alignment of policies and enhancement of technical capacities. • Proper management of water, energy and food to enhance agriculture and ecosystems resilience. • Co-benefits through carbon sequestration, water pumping using renewables, wastewater reuse and desalination. • Improved access to microfinance services for climate change adaptation.
Outcomes contribute to SDG 13.
GHG reduction target
Estimated mitigation impact (t CO ₂ eq over lifespan): 16,8 kt CO ₂ eq per year
Project implementation period
Planned start date:01/2024 Planned end date: 01/2029
Total Project Cost
Amount in National Currency: Amount in US\$ equivalent (per 1 August 2022 exchange rate): USD 73.5 Million

Financing requirement	
Amount in National Currency: Amount in US\$ equivalent (per 1 August 2022 exchange rate): USD 45.5 Million	
Expected Tenor / Duration of financing: 5 years.	
Project Status: Financing being arranged by GCF and researching for co-financing/under construction	
Contractual Structure: Government Ownership	
Project proponents	
Ministry of Agriculture Water Resources and Fisheries Green Climate Fund (GCF)	
Contact person	
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