



Shared Prosperity Dignified Life



**COP27**  
SHARM EL-SHEIKH  
EGYPT 2022

UN Climate Change High-Level Champions

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

**Establishing an Early Warning System**

**EGYPT**

<b>Climate finance purpose</b>
Adaptation
<b>Sector</b>
Agriculture
<b>Geographic coverage</b>
Sub-national
All agricultural areas in the valley and the Nile Delta regions
<b>Description</b>
Eestablishment of early warning systems to improve agricultural weather forecasting services and modern agricultural extension as well as and establishing an agricultural insurance system against climate risks. The project will lead to disseminating the recommendations of the Early Warning Unit, based on generated weather data, to reduce risks to the agricultural sector through using modern technology (Internet - mobile messages) in cooperation with Meteorological services and research institutes. In areas/cases case of high vulnerability to extreme weather events, a new insurance system will be in place to minimize impacts.
Reference: Egypt’s National Climate Change Strategy 2050 (project number: 3.5)
<b>Beneficiaries</b>
10 million people
<b>Climate rationale</b>
The project aims to introduce several adaptation techniques that would assist farmers in reducing the negative impacts of climate change and variability and ultimately increase their resilience. The project will generate positive socioeconomic impacts as a result of the improvement of information outreach through extension services.
<b>Expected outcomes</b>
<ul style="list-style-type: none"> <li>• Early warning system for weather and climate-related risk prediction;</li> <li>• Enhancing rural communities’ responses to disasters and impacts induced by climate change;</li> <li>• Reducing economic losses for small farmers caused by extreme weather events;</li> <li>• Agricultural insurance system to mitigate negative impacts of crop damage due to extreme weather events.</li> </ul> <p>The project also aims to achieve the goals of the updated Strategy for Sustainable Agricultural Development 2030 through its first goal “enhancing food security and improving nutrition,” second goal “promoting sustainable agriculture,” third goal “eliminating poverty in rural areas and improving income and living standards” and fourth goal “adaptation with climate change and mitigating its effects.</p> <p>It aims to achieve the Sustainable Development Goals through SDG2 (eradicating hunger, achieving food security, improving nutrition and developing sustainable agriculture), SDG6 (ensuring water availability and increasing water use efficiency), SDG13 (taking urgent action on climate change and its effects) and SDG14 (conserving the oceans, seas and marine resources and their sustainable use to achieve sustainable development).</p>

It goes alien with the Paris Agreement in Article 8: Accordingly, areas of cooperation and facilitation to enhance understanding, action and support may include: Early warning systems
<b>GHG reduction target</b>
NA
<b>Project implementation period</b>
2023-2025
<b>Total Project Cost</b>
Amount in National Currency: EGP 7,592 million Amount in US\$ equivalent (per 1 August 2022 exchange rate): USD 400 million
<b>Financing requirement</b>
Period: 2023-2025 <ul style="list-style-type: none"> <li>- Government: USD 100 million</li> <li>- Private: USD 100 million</li> <li>- Development partners: USD 200 million</li> </ul>
<b>Expected Tenor / Duration of financing: # 2023-2025</b>
<b>Project Status (select one):</b> Financing being arranged
<b>Contractual Structure (select one or more):</b> Private ownership/Government Ownership
<b>Project proponents</b>
Ministry of Agriculture and Land Reclamation
<b>Contact persons</b>
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<b>Emblem</b>
 