



Shared Prosperity Dignified Life



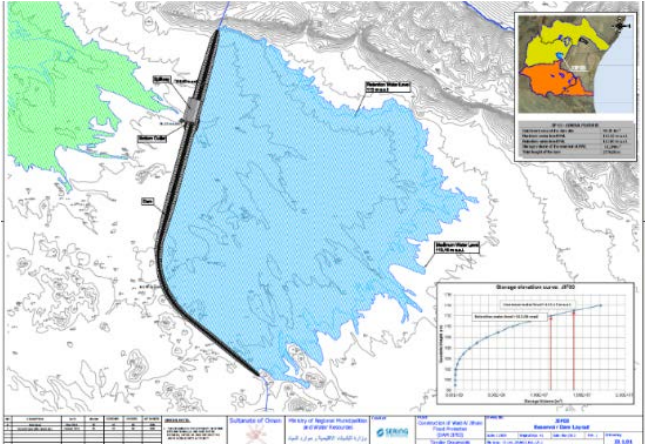
COP27
SHARM EL-SHEIKH
EGYPT 2022

UN Climate Change High-Level Champions

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

Al-Jifnain Flood Protection Dam Sultanate of Oman

Climate finance purpose
Adaptation
Sector
Water
Geographic coverage
National/ Muscat Governorate, Seeb
Description
Al-Jifnain Flood Protection Dam will cater to floods greater than the 1000-year return period flood (RPF), which is the estimated interval time between floods. Strategically located just upstream of the Seeb urban area, it will serve as an inceptor in the event of heavy flooding along Wadi Al-Jifnain. The dam will also help establish a large reservoir with a storage capacity of around 11 million cubic metres at Full Supply Level. The project is related to the National Strategy for Adaptation and Mitigation to Climate Change and listed in the infrastructure projects.
Beneficiaries
Protect life and property from future disaster damages; the dam is intended to protect the area from floods and avoid loss of lives and infrastructure destruction.
Climate rationale
Rampaging floodwaters unleashed by adverse weather in 2007 swept through urban parts of Seeb wilayah, destroying roads and other infrastructure, inundating farms, and causing a number of deaths. Significant damage also occurred during a similar flood event in 2010. Flood risk is projected to increase in the future due to climate change and population growth.
Expected outcomes
<ul style="list-style-type: none"> • Protection from frequent large floods • Significant increase in groundwater inputs below the dam • Increase in land use, crop density, and crop yields Outcomes contribute to SDG 2, 6, 11, 13.
GHG reduction target
The project mainly aims to adapt to climate change and reduce the effects of floods in urban area. Flood control dams will impound floodwaters and then either release them under control to recharge underground aquifer or divert the water for agriculture and domestic uses.
Project implementation period
Planned start date: 01/01/2023 Planned end date: 30/6/2025
Total Project Cost
Amount in National Currency: OMR 14,000,000 Amount in US\$ equivalent (per 1 August 2022 exchange rate): USD 36,412,154 (\$36 million)

Financing requirement
Amount in National Currency: OMR 14,000,000 Amount in US\$ equivalent (per 1 August 2022 exchange rate): USD 36,412,154 (\$36 million).
Expected Tenor / Duration of financing: from 3 to 7 years.
Project Status (select one): Tendered.
Contractual Structure (select one or more): Government Ownership.
Project proponents
Ministry of Agriculture, Fisheries and Water Resources and Environment Authority.
Contact persons
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Emblem/ Photo, chart or another visual asset
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">   <p>وزارة الثروة الزراعية والسمكية وموارد المياه</p> </div> <div style="text-align: center;">  </div> </div>