

Early Warning System

GCF-SAP074

Yemen Climate Water Information Management & Early Warning Systems (CWIMEWS)

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Quick Facts

Countries	Yemen
Financial Institutions	Green Climate Fund (GCF)
Status	Approved
Bank Risk Rating	C
Voting Date	2026-10-27
Borrower	Government of Yemen
Sectors	Climate and Environment, Water and Sanitation
Investment Type(s)	Grant
Investment Amount (USD)	$ 24.70 million
Project Cost (USD)	$ 28.40 million

Project Description

Accorrding to bank provided information, water-scarce Yemen faces more frequent flash floods, droughts, extreme heat and coastal cyclones. Years of conflict have left the country largely unable to anticipate them: over 70 per cent of hydrometeorological stations do not work, and warnings seldom reach rural and displaced communities. Shocks are met with humanitarian aid after they occur.

The project will restore and modernise climate and water monitoring in nine priority basins. It will recover historical data, rehabilitate solar-powered monitoring stations with real-time telemetry, and bring all data into one national information system. Forecasting models for floods, drought, extreme heat and groundwater depletion will feed a national multi-hazard early warning system linked to governorate operation rooms. Warnings will reach women, displaced people and remote communities by SMS, radio, sirens and mosque loudspeakers.

As the first GCF project in Yemen, it brings early warning to a fragile, conflict-affected setting. It adds a multi-hazard early warning dimension to the World Bank's water management and irrigation project in Yemen and covers the full chain from monitoring to community preparedness. The Ministry of Water and Environment will take over the system through a phased handover.

Investment Description

- Green Climate Fund (GCF)

Contact Information

International Bank for Reconstruction and Development and International Development Association

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GCF team

- PRESS ENQUIRIES AND INTERVIEWS
  - GCF Communications
    - Contact via email
- REQUEST FOR INFORMATION
  - GCF Information Disclosure
    - Request information about this project
- PROJECT COMPLAINTS AND GRIEVANCES
  - GCF Independent Redress Mechanism (IRM)
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    - File a complaint
- INTEGRITY ISSUES
  - GCF Independent Integrity Unity (IIU)
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National Designated Authority

Minister of Water and Environment (Yemen)

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  Primary
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- Mr. AbdulWahid Arman
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ACCESS TO INFORMATION

Requests for project information may be submitted using the IDP Request for Information by email to: disclosure@gcfund.org.

You can also submit an information request using this online form: https://www.greenclimate.fund/about/disclosure/form.