

LDCF/SCCF/GEF Climate Information Services/Early Warning Systems Review

Project Information

1. GEF Project ID

2. GEF Project Name

3. Country/Countries

4. GEF Phase

Climate information services (CIS)/Early Warning System (EWS) interventions

5. Please describe the level of emphasis placed on climate information services/EWS in the project.

- ☐ Strengthening or developing climate information services is the main focus of the project.
- ☐ Strengthening or developing climate information services is a substantial component of the project.
- ☐ Strengthening or developing climate information services is one activity of the project but not a substantial component of the project in terms of time, funding and focus.
- ☐ Climate information services is not addressed by the project.
- ☐ Strengthening or developing EWS is the main focus of the project.
- ☐ Strengthening or developing EWS is a substantial component of the project.
- ☐ Strengthening or developing EWS is one activity of the project but not a substantial component of the project in terms of time, funding and focus.
- ☐ EWS is not addressed by the project.
- ☐ Strengthening or developing both climate information services and EWS is the main focus of the project.

- ☐ Strengthening or developing both climate information services and EWS are substantial components of the project.
- ☐ Strengthening or developing both climate information services and EWS are activities of the project but not a substantial component of the project in terms of time, funding and focus.

6. If available, please indicate funding specifically for climate information services and EWS components or activities in USD (at the design stage, this information may be found in the request for CEO Endorsement. If available, terminal evaluations may also include planned and actual budget by activity. If using the TE as a source, please use information on planned budget rather than actual). If information is not available, please leave blank.

Climate Information Services

GEF Funding (in USD)	
LDCF Funding (in USD)	
SCCF Funding (in USD)	
Cofinancing (in USD)	

Early Warning Systems

GEF Funding (in USD)	
LDCF Funding (in USD)	
SCCF Funding (in USD)	
Cofinancing (in USD)	

7. If CIS/EWS-related activities are receiving cofinancing, please identify planned sources and amounts in USD millions (if no cofinancing from any of these sources please leave blank. Please double check amount adds up to cofinancing amount listed above).

Climate Information Services

Country Government	
Multilateral	

Bilateral

Private Sector

CSO/NGO

Other

Early Warning Systems

Country Government

Multilateral

Bilateral

Private Sector

CSO/NGO

Other

This page focuses on project design and intended benefits.

8. What types of climate information and disaster warning does the project design involve?

Climate

- ☐ Cyclone/hurricane
- ☐ Storms/strong winds
- ☐ Maritime conditions (e.g. fishers, seafarers and transport)
- ☐ Coastal conditions - waves
- ☐ Coastal conditions – king tides and coastal inundation
- ☐ Flood - coastal inundation
- ☐ Flood – inland
- ☐ Flash flooding
- ☐ Landslides
- ☐ Heat conditions – humidity/dry, heat hotspots
- ☐ Long-term forecast – Drought, dry conditions
- ☐ Long-term forecast – Prolonged or intensified rain periods, increased precipitation
- ☐ Long-term forecast - Prolonged or intensified heat periods/heatwaves
- ☐ Fuel moisture/Fires
- ☐ Smoke haze/pollution warnings
- ☐ Long-term forecast - climate outlook (general)
- ☐ Long-term forecast (La Nina, La Nino, ENSO)
- ☐ Disease outbreaks (climate-related – e.g., malaria, dengue)
- ☐ Disease outbreaks (non-climate – e.g., Ebola, COVID-19)
- ☐ Pest outbreaks (e.g., agricultural, waterways, marine)
- ☐ Pest outbreaks (e.g., agricultural, waterways, marine)
- ☐ Invasive Alien Species
- ☐ Avalanche
- ☐ Prolonged or intensified cold periods/cold snaps/snow/freezing conditions

Non-climate hazards

- ☐ Tsunami
- ☐ Earthquake evacuation/aftershocks
- ☐ Volcano

☐ Multi-hazard (no-further detail specified)

☐ Other (please specify)

9. Which elements or phases of CIS/EWS does the project target according to design documents?

☐ Risk knowledge

Establishing capacity to identify and assess climate impacts and hazards, risk and vulnerability; undertaking vulnerability assessment (VA) or risk assessments; enhancing climate and disaster risk know-how and knowledge sharing within organizational arrangements; information systems and databases established, and information storing and sharing.

☐ Monitoring and Warning Service

Infrastructure and services for delivering forecasting and providing warnings, including land-based radars and satellite data (precipitation, temperature, windspeed) predicting the likelihood of risk of climate events (e.g. rain patterns combined with environmental conditions likely to lead to landslides); point measurements (e.g. for river flood level gauge systems upstream to predict flood events downstream, or tracking developing storm or cyclone/hurricane events by measuring wind speeds); trend analysis – and communication of disaster indicators; cross-institutional or community coordination for monitoring and warning service information, data and communication sharing.

☐ Dissemination and Communication

Data analysis and interpretation, strategies dissemination of warnings and preparedness information fit for the audience: inclusive of roles and responsibilities for decision-making (e.g. which organisation or institution is doing what), communication and warning system infrastructure (e.g. loudspeaker-siren systems, mobile phone applications) and emergency preparedness plans shared, practice drills undertaken, and customised warning messages in local languages.

☐ Preparedness capacity

Capacity building and support for disaster and climate input preparedness such as via centralised knowledge, response plans, resourcing, hardware systems, and automation of emergency responses.

For each category above, please describe the activities.

Risk knowledge

Monitoring and Warning Services

Dissemination and Communication

Preparedness capacity

10. What is the scale of the early warning or information system?

- ☐ Community/people-centered/local level
- ☐ District/Provincial
- ☐ Regional/State
- ☐ National
- ☐ Multi-country

11. Does the project leverage or build on existing services or warning system platforms?

- ☐ No
- ☐ Yes. Please describe.

12. Does the project design include plans to support innovative approaches or first-of-a-kind technologies for CIS/EWS?

- ☐ No
- ☐ Yes. Please describe.

13. Does the project design include plans to support system or technology transfer for CIS/EWS?

☐ No

☐ Yes. Please describe.

14. Do the project design documents include indicators to track the effectiveness of the outcomes of CIS/EWS interventions?

☐ No

☐ Yes. Please record them along with targets:

15. Please describe any specific intended results, outcomes, outputs or activities focused on strengthening or developing CIS/EWS, including target levels (e.g., does the project target specific beneficiaries – farmers, coastal populations, fishers, land managers, households, land area size?).

This page focuses on results of project either under implementation or completed. If project performance documents are not available, please indicate so in the relevant YES/NO questions below and leave other fields blank.

16. Are PIRs available?

☐ Yes

☐ No

17. Please record the rating for the development objective from the most recent available PIR if available:

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18. Please record the rating for the implementation progress available from the most recent available PIR if available:

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19. Is a midterm review (MTR) available?

☐ Yes

☐ No

20. Please record MTR ratings on project outcomes if available.

21. Is a Terminal Evaluation (TE) available?

☐ Yes

☐ No

22. Please record TE ratings on project outcomes if available.

23. What types of activities were undertaken within the framework of the project in support of CIS/EWS?

	Implemented satisfactorily	Some aspects implemented satisfactorily, but others were not	Implemented unsatisfactorily	Unable to assess	Not applicable- not included in project design
Activities to support Risk knowledge	☐	☐	☐	☐	☐
Activities to support Monitoring and Warning Service	☐	☐	☐	☐	☐
Activities to support Dissemination and Communication	☐	☐	☐	☐	☐
Activities to support Preparedness and Capacity	☐	☐	☐	☐	☐

Please explain your response here:

24. Based on results reported in performance documents (PIRS, MTRS, or TE) did the project support or pilot new innovative approaches or first-of-a-kind technologies for CIS/EWS?

☐ No

☐ If Yes, please describe

If Yes, were these integrated into further programmes, or had uptake as approaches to be used elsewhere?

☐ No

☐ If Yes, please describe

25. Based on results reported in performance documents (PIRS, MTRs, TEs) did the project design include plans to support technology transfer for EWS?

☐ No

☐ Yes. Please describe.

26. If available, please indicate final funding specifically for CIS/EWS components or activities in USD (at the completion stage, this information may be found in the terminal evaluation with financing by activity. If available, terminal evaluations may also include planned and actual budget by activity. If using TE as a source, please use the information on actual realised budget rather than planned). If information is not available, please leave blank.

Climate Information Services

GEF Funding (in USD)

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Early Warning Systems

GEF Funding (in USD)

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Cofinancing (in USD)

27. Please describe any actual results (intended or unintended) focused on strengthening or developing CIS/EWS.

28. Please record any significant factors noted as helping/hindering project progress in general, and their specific impact on activities designed to enhance CIS/EWS.

29. Please record any lessons learned specific to the design of CIS/EWS interventions.

30. Please record any lessons learned specific to the implementation of CIS/EWS interventions.

31. If the project underperformed in the delivery of CIS/EWS, please explain in what aspect it did so, and if information is available, explain why the project wasn't able to hit targets as intended:

32. Please provide the following CIS and EWS results data:

Number of weather stations installed	
Number of weather stations repaired or rehabilitated	
Number of weather stations supported by project (installed or rehabilitated) and functional based on most recent information	
Number of hydrological monitoring stations installed	
Number of hydrological monitoring stations rehabilitated	
Number of hydrological monitoring stations supported by project (installed or rehabilitated) functional based on most recent information	
Number of new beneficiaries reached with EWS through project intervention	

Number of new beneficiaries included in CIS and EWS outreach (apps, SMS etc)	
Number of beneficiary-reported use/uptake	
Number of long-range forecast warnings disseminated	
Per cent increase in population with improved access to EWS	
Reported number of beneficiaries altering maritime activities according to forecasting/warnings	
The reported number of relocations/evacuations according to forecast/warning	
Increased crop yield (include crop and units)	
Other indicators not covered:	

33. Please describe any risks to the sustainability of CIS/EWS interventions:

34. Please describe any co-benefits of the CIS/EWS based on reporting in the TE.

35. Has the CIS/EWS been used in response to climate change hazards?

☐ No

☐ Yes (Please describe)

36.If the answer to previous question was yes, please provide any information available on the following outcome indicators:

Number of lives saved:

Value of property saved (in USD):

Other:

37. Was any funding secured to continue activities supported by the project?

☐ No

☐ Yes (please describe including amount in USD)

38.Any further comments or points to highlight about this project?

39. Was a cost-benefit analysis of investments in CIS/EWS undertaken?

☐ No

☐ Yes (please describe results)