

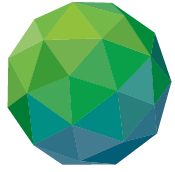
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Rabat, Kingdom of Morocco
24–28 June 2024





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Establishing the Climate Change Context of GCF proposals

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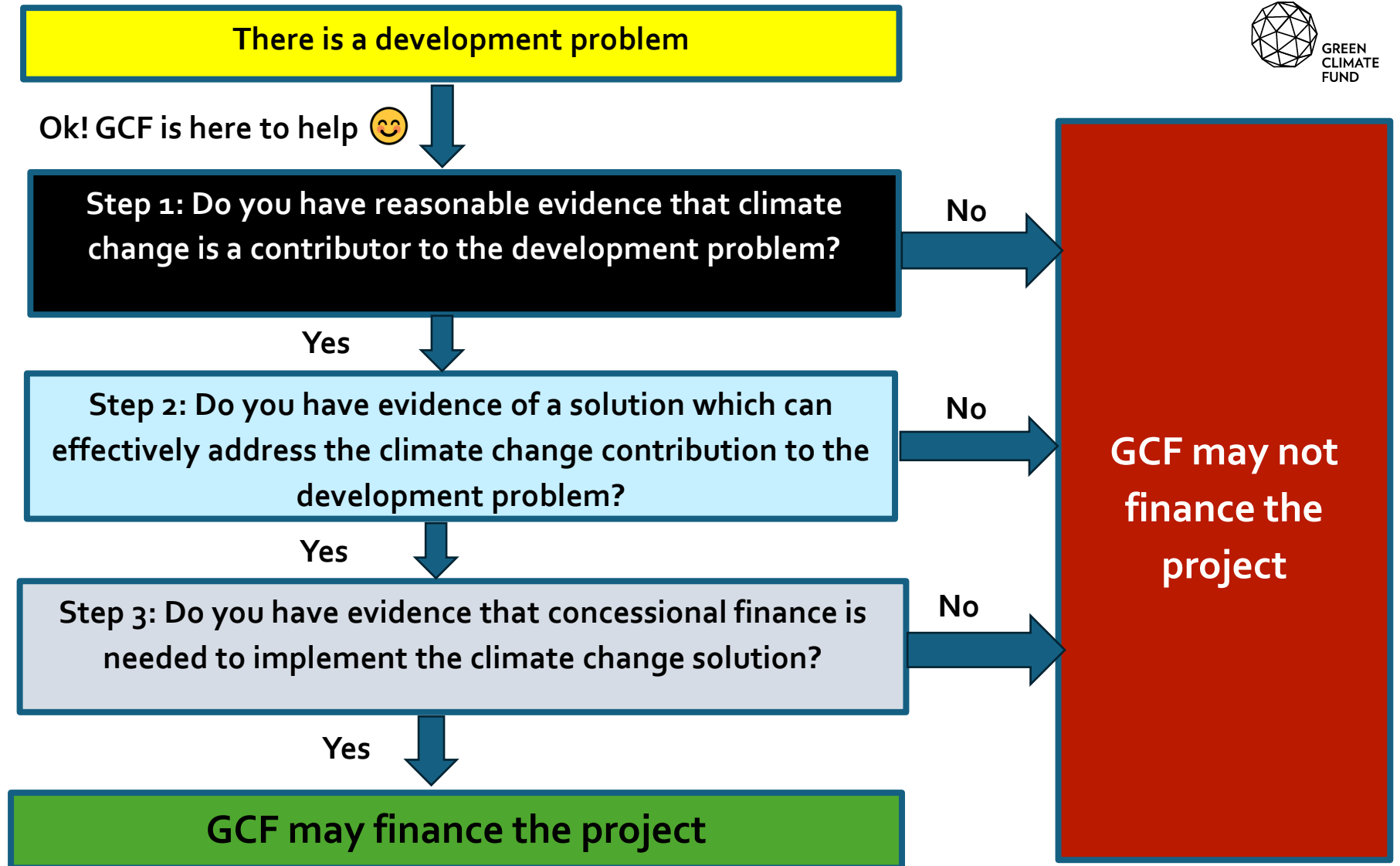
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Presentation Outline

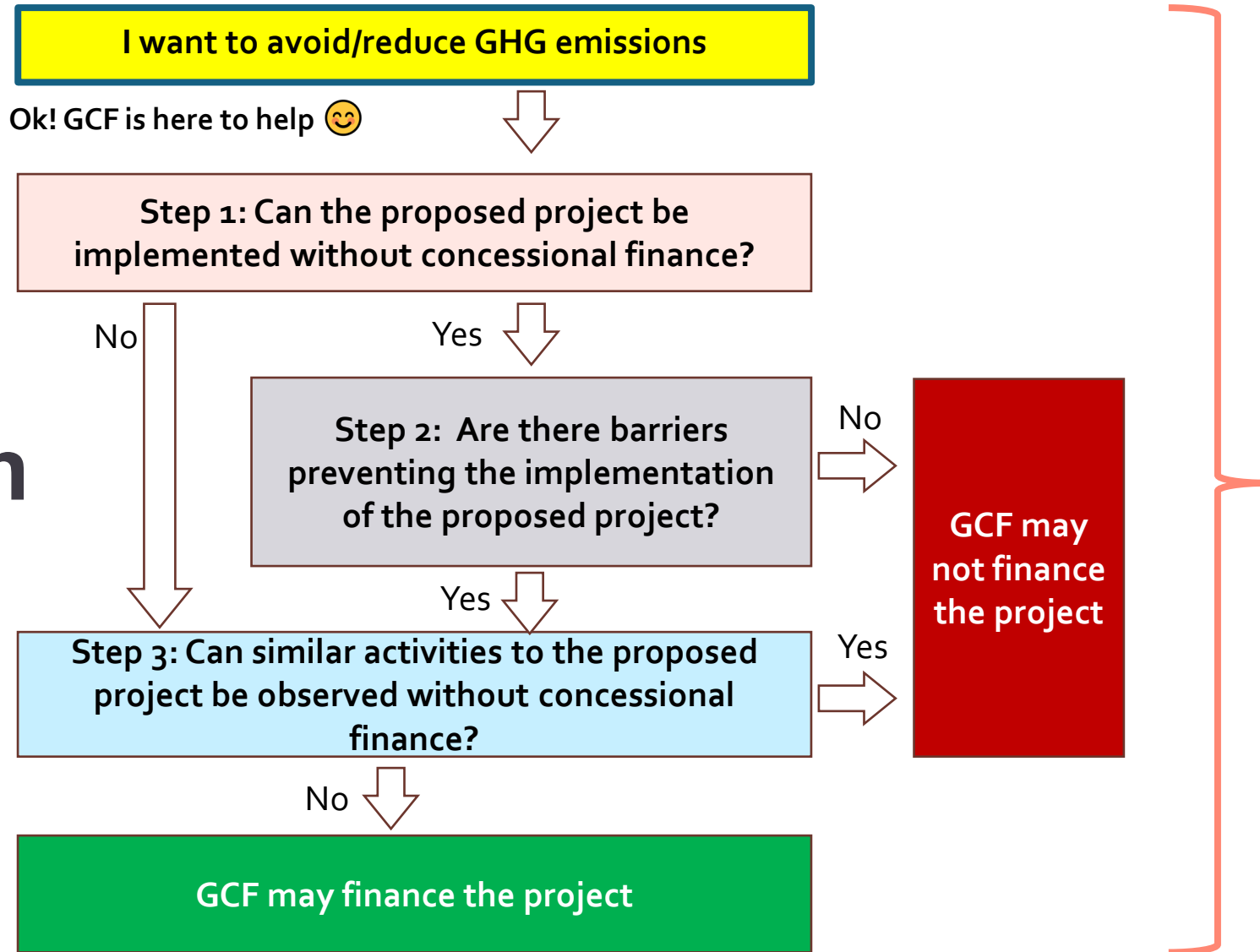
- Deciding on a GCF project/programme from a climate change perspective
- Synthesizing the climate change narrative – essential elements
- Potential sources of Information and Tools

How do you decide whether GCF can fund your project from a climate change perspective?

Adaptation



Mitigation



Mitigation Methodologies specific to activity

You now know GCF may fund your project. How do you synthesize the climate change narrative, and what are the most important elements?

Fund-level guidance for demonstrating impact potential



GCF_B.33/12 established high-level principles for demonstrating the impact potential of GCF-supported activities

For mitigation

- Alignment of the activities with host country priorities, including its nationally determined contribution (NDC)
- A methodological approach for the establishment of **boundaries, baselines** and **additionality**, and for the quantification of the mitigation results of the activity should be selected and used
- Quantification of mitigation impact should use consistent assumptions (e.g. emission factors) to those made in national GHG reporting
- Proposals should describe the establishment of a measurement, reporting, and verification system

For adaptation

- Identification: Adaptation proposals should show how the activity addresses current or future projected climate change risk or impact
- Response: Proposals should explain how the activity will lessen the risk
- Alignment: Proposals should confirm alignment of the proposed activity with the host country's national plans and climate strategies (including NAPs, NAPAs, or long-term climate strategies)
- Monitoring and evaluation: Projects with a well-designed theory of change are more likely to result in successful outcomes

Climate Context of Mitigation Activities (1 of 2)

Ideation

1. **Climate Problem Identification:** Outline how the sector of interest contributes to national greenhouse gas emissions. This information should be available in the NDC or national greenhouse gas inventories.
2. **Proposed activity:** Provide a clear explanation of how the proposed activities will avoid or reduce emission
3. **Additionality:** Why do you need concessional finance? To establish the mitigation impact potential, proposals should demonstrate that a projected level of GHG emission reductions or removals will occur and that this would not have happened without the support of the GCF-funded activity.

All components of Ideation (1 to 3) +

Concept Note

4. **Mitigation Methodology:** A mitigation methodology should be selected that includes guidance on *boundaries*, and how to derive *baselines* and prove *additionality*. Provide a brief narrative as to why the project is expected to be additional as per the methodology.
5. **Common practice analysis:** Explain whether or not similar activities/technologies/ practices have been undertaken in the region/country, with and without concessional finance
6. **Mitigation target:** Define the actual expected emission reductions

Climate Context of Mitigation Activities (2 of 2)

Funding Proposal

Expansion of components of CN +

7. **Common practice analysis:** Full results of the common practice analysis
8. **Additionality:** Complete demonstration of additionality according to the methodology's guidance.
9. **Ex-ante calculation of mitigation impact as per the methodology**
10. **Clearly outline how the forecasted mitigation impact will be tracked** during the duration of the GCF-funded activity with a well-articulated Monitoring Reporting and Verification (MRV) system.

Examples: Mitigation



Sector Emission	Proposed Investment by AE	Potential Emissions Reductions	Additionality
Mobility and supply chains contribute to 31% of Country A's emissions. Country A's supply chain costs are at 14% of GDP, against an average of 8% globally, while 95% of logistics networks are inefficient.	EV ecosystem innovations, fintech enablers, charging software, new battery technologies, AI/ML for route optimization, digital platforms for sustainable sourcing	215,200 tCO ₂ eq	<p>The climate-tech venture ecosystem in the region while emerging and promising, is still nascent. There is limited availability of private green capital, especially for Early-stage start-ups.</p> <p>The AE's investment shall typically be the first institutional investment in the startup venture as at early stages, generalist venture investors would require more proof points and commercial comfort with market to finance these ventures. Funding would be catalytic for these ventures as they can continue to work towards demonstrating product-market fit and moving towards growth stage</p>
Usage and management of critical resources such as energy, water, air and land contributes to 45% of Country B's emissions. 70% of energy is still fossil fuel-based. New capacity needed to fulfill growing energy demand.	Enablers for energy transition fintech solutions, energy efficiency tools	139,000 tCO ₂ eq	

Climate Context of Adaptation Activities (1 of 2)

Ideation

1. **Climate change problem definition:** Identify the climate change hazard or risk, Identify the population / sector that is exposed to the climate hazard, describe the vulnerability of the population / sector that is exposed to the climate hazard; and Describe the observed impact of the climate change hazard on development outcomes, vulnerable populations, sectors etc.
2. **Response:** Provide an analysis of how the activity is expected to reduce the exposure and/or vulnerability (of people, systems, ecosystems or sectors) and thus lessen the climate change risk and impact.
3. **Benefit:** Outline the key adaptation benefits

Expansion of the components of Ideation

Concept Note

4. **Expansion of climate change problem definition:** provide information on the historical trends and future projections of the climate change hazard (use RCP or SSP scenarios for future projections); accentuate implications of climate change trends on future risks and impacts using models and scientific literature sources. Use tables, charts and model outputs where necessary.
5. **Analysis of adaptive capacity:** Provide information on the current capacity to anticipate or respond to the applicable climate change hazards
6. **Response:** Describe how proposed activities will contribute to adaptation including an estimate of the number of beneficiaries. Provide supporting methodology (as an Annex) with key assumptions of how the number of beneficiaries was estimated per activity or project output/outcome.

Climate Context of Adaptation Activities (2 of 2)

Funding Proposal

All components of the concept note +

7. Response: Further information on how proposed solutions were selected from all potential solutions that could improve adaptive capacity, and drive adaptation for sustainable development. Describe how the proposed activity complements past, on-going and planned activities on climate change adaptation.

8. Demonstrate GCF's additionality in funding the proposed activities: describe the critical barriers to achieving adaptation without GCF funding

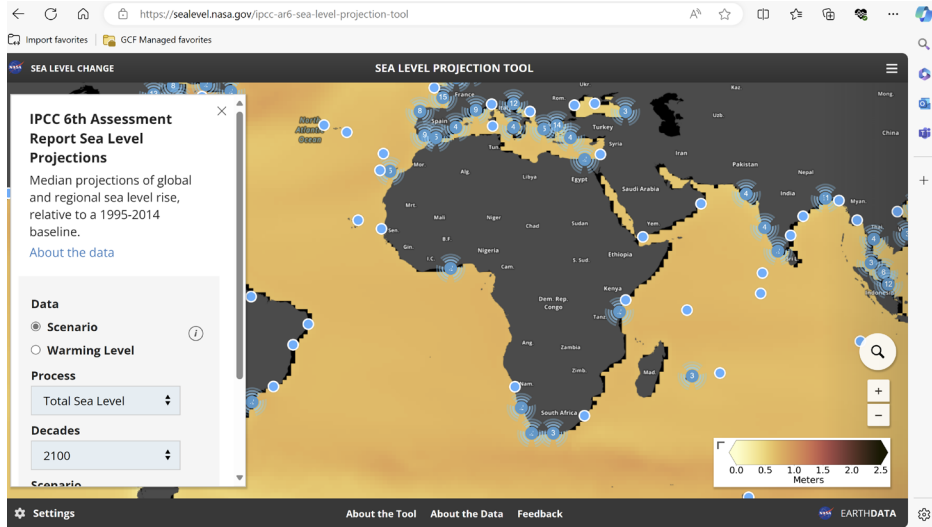
9. Clearly describe how adaptation impact will be tracked during the duration of the GCF-funded activity.

Examples: Adaptation



Climate Hazard	Exposed Sector	Impact	Proposed Solution
Reduced Precipitation and more erratic rainfall patterns.	Households, public sector and private sector relying on hydro energy	Potential decline in reliability of hydropower and the quantity of hydropower generated electricity	Investment in off-grid, decentralized, residential solar, c&l solar systems, green mini / micro grids.
High inter-seasonal rainfall variability and higher temperatures	Agriculture	Reduced agricultural productivity threatening livelihoods and reducing food security	Investment in businesses that deploy low-emission resilient inputs, practices and technologies. Investment in cooling technologies to reduce post-harvest losses
Temperature increase and reduced precipitation	Agriculture	Adverse changes to quality and quantity of ground water	Promote climate-smart agriculture, enhance technological advancement for water use

Potential sources of Information and Tools



Sixth Assessment Report

The Working Group I contribution was released on 9 August 2021. The Working Group II and III contributions were released on 28 February and 4 April 2022 respectively. The Synthesis Report was released on 20 March 2023.

WFP Climate Data on HDX



Climate Change Knowledge Portal
For Development Practitioners and Policy Makers

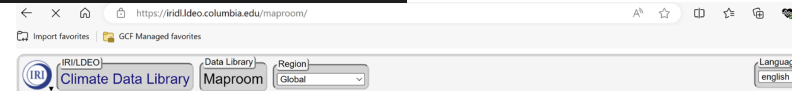
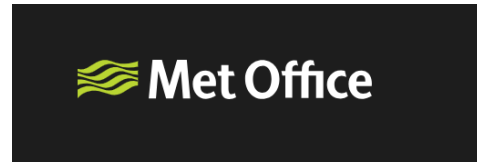
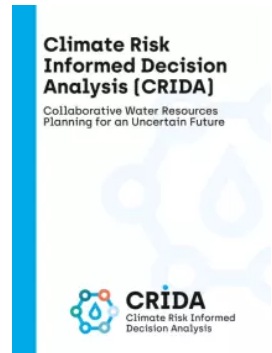
IPCC WGI Interactive Atlas

Fact Sheets

The regional and crosscutting fact sheets give a snapshot of the key findings, distilled from the relevant Chapters and Cross-Chapter Papers, the Technical Summary and the Global to Regional Atlas.

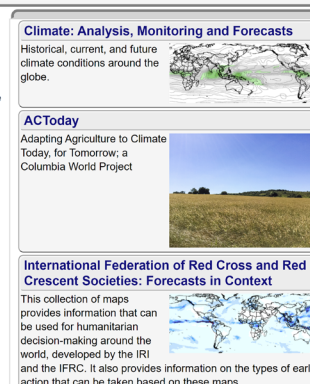


Country Climate and Development Reports (CCDRs)

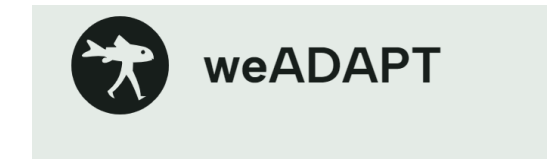


IRI Climate and Society Map Room

The climate and society maproom is a collection of maps and other figures that monitor climate and societal conditions at present and in the recent past. The maps and figures can be manipulated and are linked to the original data. Even if you are primarily interested in data rather than figures, this is a good high datasets are particularly useful for recent conditions.



Introduction to WGII AR6 Fact Sheets	DOWNLOAD	Human Settlements	DOWNLOAD
Africa	DOWNLOAD	Cities and Settlements by the Sea	DOWNLOAD
Asia	DOWNLOAD	Responding to Sea Level Rise	DOWNLOAD
Australasia	DOWNLOAD	Mountains	DOWNLOAD
Central and South America	DOWNLOAD	Biodiversity	DOWNLOAD
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Thank you