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# PACIFIC, INDIAN AND ATLANTIC OCEANS REGIONAL ADAPTATION PROGRAMMING AND STRATEGY WORKSHOP FOR SMALL ISLAND DEVELOPING STATES

PART I: MARCH 26-27, 2024

VIRTUAL



GEF Adaptation Workshop  
for Pacific, Indian and Atlantic  
Ocean SIDS

**AGENDA**



# Part 1 MARCH 26<sup>th</sup> and 27<sup>th</sup>

- OVERVIEW OF WORKSHOP AND INTRODUCTIONS
- PRE-WORKSHOP SURVEY
- OVERVIEW OF GEF CLIMATE ADAPTATION STRATEGY
- OVERVIEW OF SCCF PORTFOLIO IN THE REGION
- COMPLEMENTARY PROGRAMMING WITH GCF
- **BREAK**
- SHARING LESSONS FROM THE REGION – ADB EXPERIENCE
- CLIMATE ADAPTATION IMPACT IN PROJECT DESIGN
- PRESENTATION AND LESSONS FROM STAP
- BRAINSTORMING SESSION: PROJECT CONCEPT DEVELOPMENT

**GEF Adaptation Workshop  
for Pacific, Indian and Atlantic Ocean SIDS  
POST-WORKSHOP ADDENDUM**

*The following individuals delivered opening remarks*

- Carlos Manuel Rodríguez, CEO and Chairperson, GEF
- Anne Rasmussen, Lead Negotiator (Climate), AOSIS
- Daniele Violetti Violetti, Senior Director, Programmes Coordination, UNFCCC

You can watch the opening remarks on the post-workshop video recording





# Least Developed Countries Fund (LDCF) Special Climate Change Fund (SCCF)

Programming Strategy and  
Operational Improvements (2022-2026)



# LDCF/SCCF Priority themes for 2022-2026



## **Agriculture, food security and health**

*Heightened focus on  
community wellbeing*

---

1



## **Water**

*Continued support to  
capture, store, conserve and  
enable easier and more  
reliable access to water*

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2



## **Early warning and climate information systems**

*Expand access and strive  
for greater user uptake*

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3



## **Nature-based solutions**

*High potential to  
deliver adaptation*

---

4

# HIGHLIGHTS



To facilitate transformational adaptation in developing countries, towards achieving the Paris Agreement's global goal on adaptation



**Build on strengths and value to address gaps, be innovative, inclusive, and agile**



**Major upgrading opportunity to catalyze transformational adaptation and contribute to Paris Agreement Global Goal on Adaptation**



**Positioned to generate and track multiple benefits and mobilize finance at scale, with GEF Trust Fund, GCF, and others**



**Informed by science and priorities, contributing to action and ambition in response to IPCC call for urgency**



# SCCF priority areas for 2022-2026

## PRIORITY AREA 1

### Supporting the adaptation needs of SIDS

- *Projects in the priority themes*
- *Joint programming with GCF*
- *Complementarity to GEF Trust Fund Impact Programs (Blue and Green Islands and Clean and Health Oceans Integrated Programs)*
- *Regional/global learning and cooperation, strengthening regional organizations*

## PRIORITY AREA 2

### Strengthening innovation, technology transfer and private sector engagement

- *Technology transfer, deployment and innovation*
- *Climate resilient financial product innovation*
- *Finance and insurance sector innovation*
- *Blending concessional with commercial finance to catalyze private investment*
- *Regional and global projects for learning and collaborative action*



# SIDS and Adaptation Finance Flow



## CHALLENGE

- **Large disparity** in adaptation funding across SIDS
- Some SIDS have **no national adaptation projects** supported by multilateral climate funds



## OPPORTUNITIES

- **Robust funding** for LDC SIDS through LDCF evident
- **Dedicated SCCF window** would enable funding for all SIDS
- **Coordinated/tandem support** with LDCF/SCCF can be replicated



# SCCF Financing Scenario (2022-2026)

## SCENARIO A: \$200M

### Window A

#### Adaptation support for SIDS

#### FLOOR

#### SCENARIO A

#### SCENARIO B

Initial cap

(\$3 million  
X 30 SIDS)

\$90M

(\$6.5 million  
X 30 SIDS)

\$195M

#### Windows A and B (shared expenses)

Dedicated programs

■ \$2M

## SCENARIO B: \$400M

### Window B

#### Innovation, tech transfer, private sector

#### FLOOR

#### SCENARIO A

#### SCENARIO B

National projects  
(all developing  
countries)

\$53.5M

\$118.5M

Challenge Program  
for Adaptation  
Innovation

\$30M

\$40M

Regional and  
global projects  
and initiatives

\$20M

\$40M





**LDCF/SCCF**

**Operational improvements**

# Operational improvements and impacts in GEF-8

- Strategic prioritization
- Significantly reduced wait time, and expedited process for projects requesting \$5 million and under
- Country resource cap modality for SCCF
- Multi-trust Fund programming made easier; further synergy with GEF TF
- Aiming at equitable distribution across agencies



# Dedicated programs



## Communications and Visibility Enhancement

4-year plan with a dedicated communication strategy & financial/human resources



## Outreach and Capacity Support for LDC and SIDS Planning and Programming

Enhanced support to LDCs/SIDS on project upstream workshops, investment planning, etc.



## Organizational Learning and Coordination

Dedicated program on learning and coordination at the fund and portfolio levels.

# Results framework for the LDCF and SCCF

- Several Core Indicators aligned with those of other international financial mechanisms for climate adaptation
- Expanded list of sub-indicators associated with private sector engagement
- Meta-information will also be captured

## Core indicators



Sex-disaggregated



Age-segregated

Number  
of direct  
beneficiaries



1

(a) Area of land  
managed for climate  
resilience (ha),

(b) Coastal or marine  
area managed for  
climate resilience (ha)

2

Total number of  
policies, plans, and  
frameworks that will  
mainstream climate  
resilience

3

Number of  
people trained  
or with awareness  
raised



4

Number of private  
sector enterprises  
engaged in climate  
change adaptation  
and resilience action

5

# Collaboration with other funds



## PROGRAMMING STRATEGY

- Close alignment with projects and programs of the GCF, Adaptation Fund, GEF Trust Fund and LDCF to mobilize finance at scale



## AGREEMENT AND ACTIVITIES

- LDCF & SCCF develop major initiatives and supports joint national investment planning with GCF

- LDCF & SCCF catalyze innovation and private sector action to enable broader investment by other funds



## CLIMATE FUNDS COLLABORATION PLATFORM

- A foundation for exchanging ideas and cross-learning on results, indicators and methodologies.

- Adaptation Fund, CIF, GCF, NAMA Facility, GEF, LDCF, and SCCF engaged





**GEF Adaptation Workshop  
for Pacific, Indian and Atlantic Ocean SIDS  
POST-WORKSHOP ADDENDUM**

*The following video was shown during the workshop*



URL: <https://youtu.be/Zxktdd33KS8?feature=shared>



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**SCCF SUPPORT ACCESSED  
BY NON-LDC SIDS IN THE  
PACIFIC, INDIAN AND  
ATLANTIC OCEANS**

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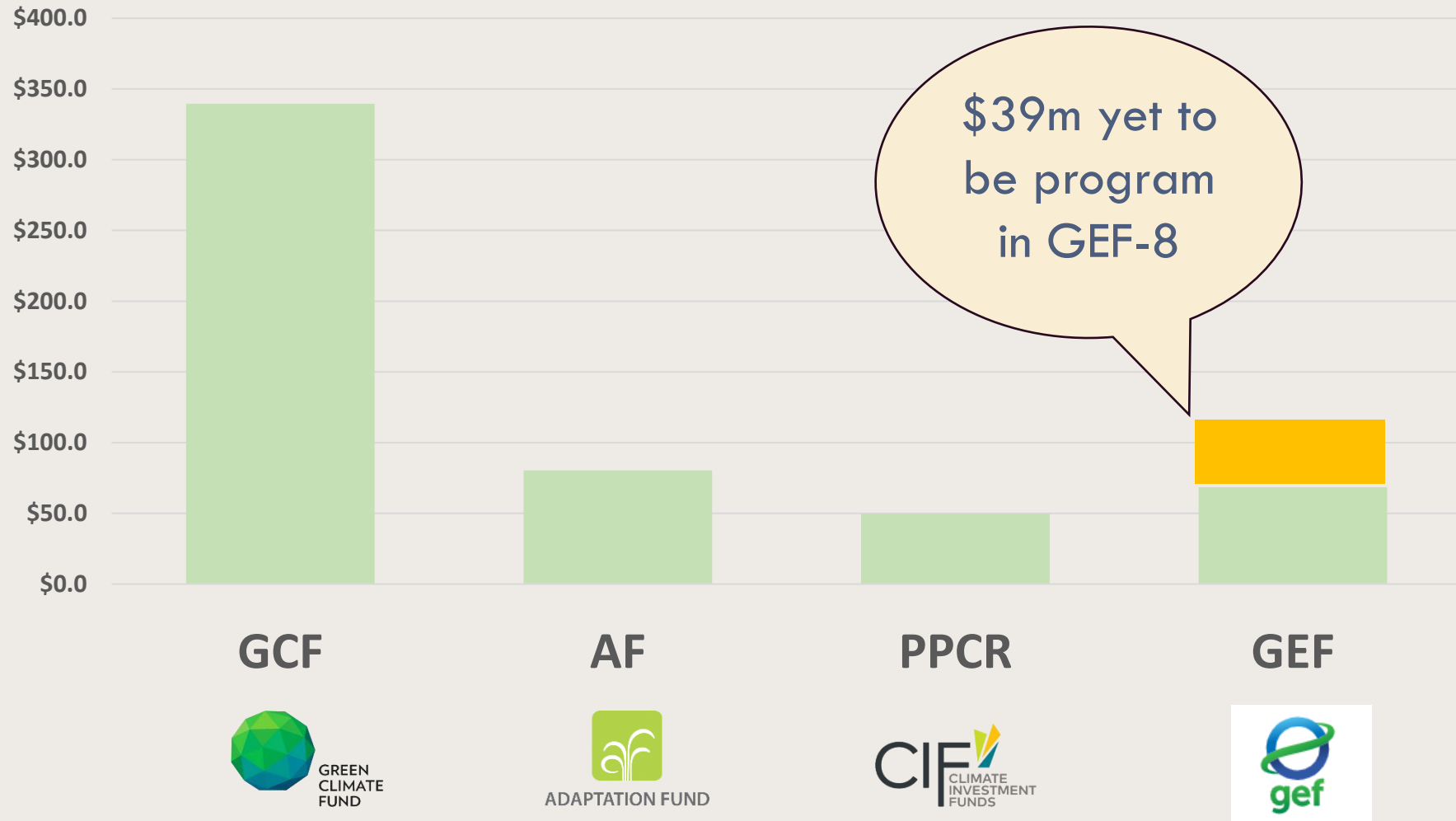


# CUMULATIVE SCCF INVESTMENT

Total of funding (million \$) and number of projects since inception

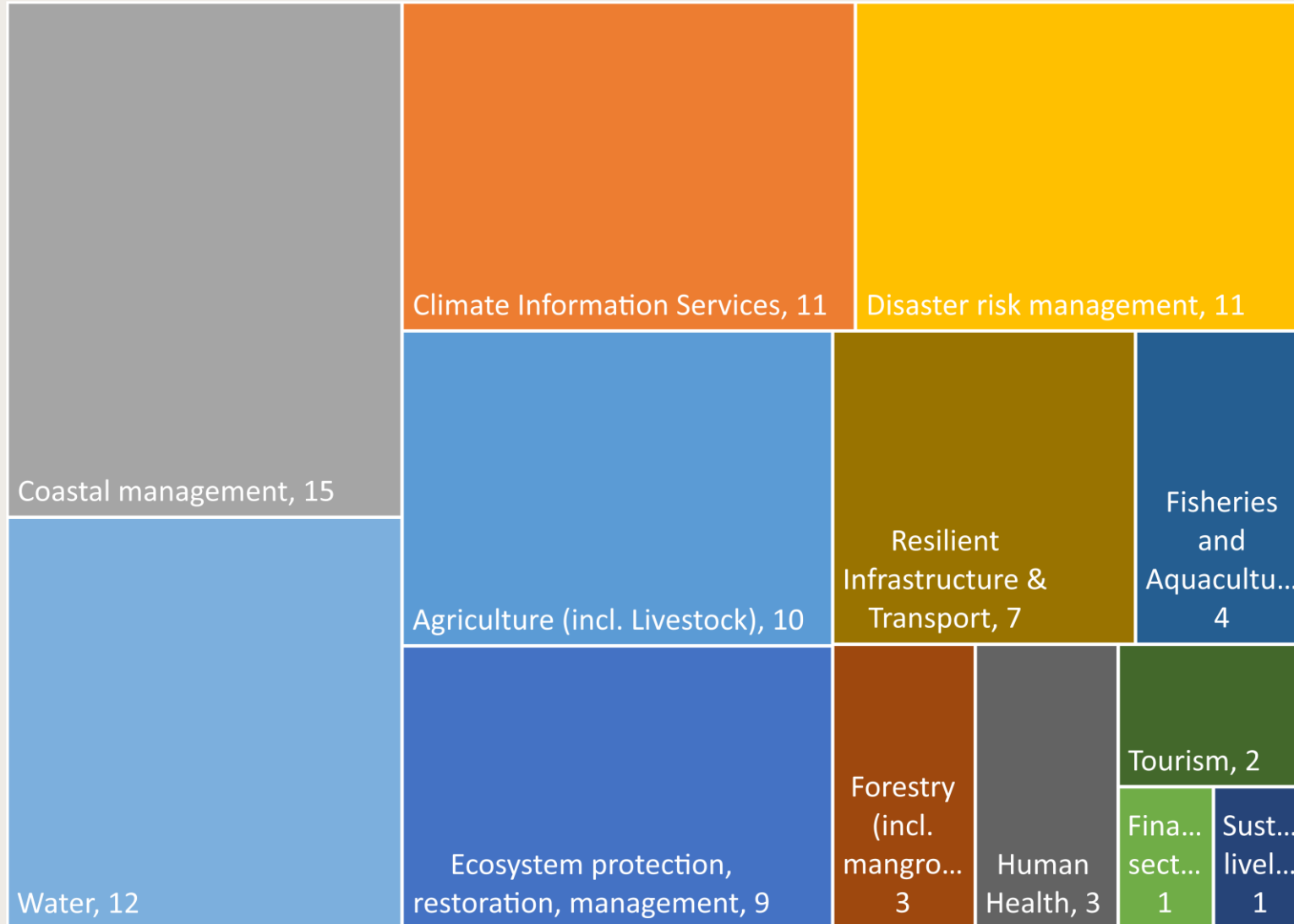
	SCCF	LDCF	Total
Samoa		\$20.8 (4)	\$20.8 (4)
Vanuatu		\$31.4 (5)	\$31.4 (5)
Cape Verde	\$3.0 (1)	\$3.4 (1)	\$6.4 (2)
Maldives	\$3.0 (1)	\$6.8 (2)	\$9.8 (3)
Regional/Global covering Pacific /Indian/Atlantic Oceans	\$32.0 (6) (Cook Islands, Fiji, Marshall Islands, Micronesia, Nauru, Niue, Palau, PNG, Samoa, Tonga, Vanuatu, Seychelles)	\$21.8 (1) (Vanuatu)	\$53.8 (7)

# MULTILATERAL ADAPTATION FUNDS (GRANTS)



# SECTORAL DISTRIBUTION OF PROJECTS

*By number, since inception*



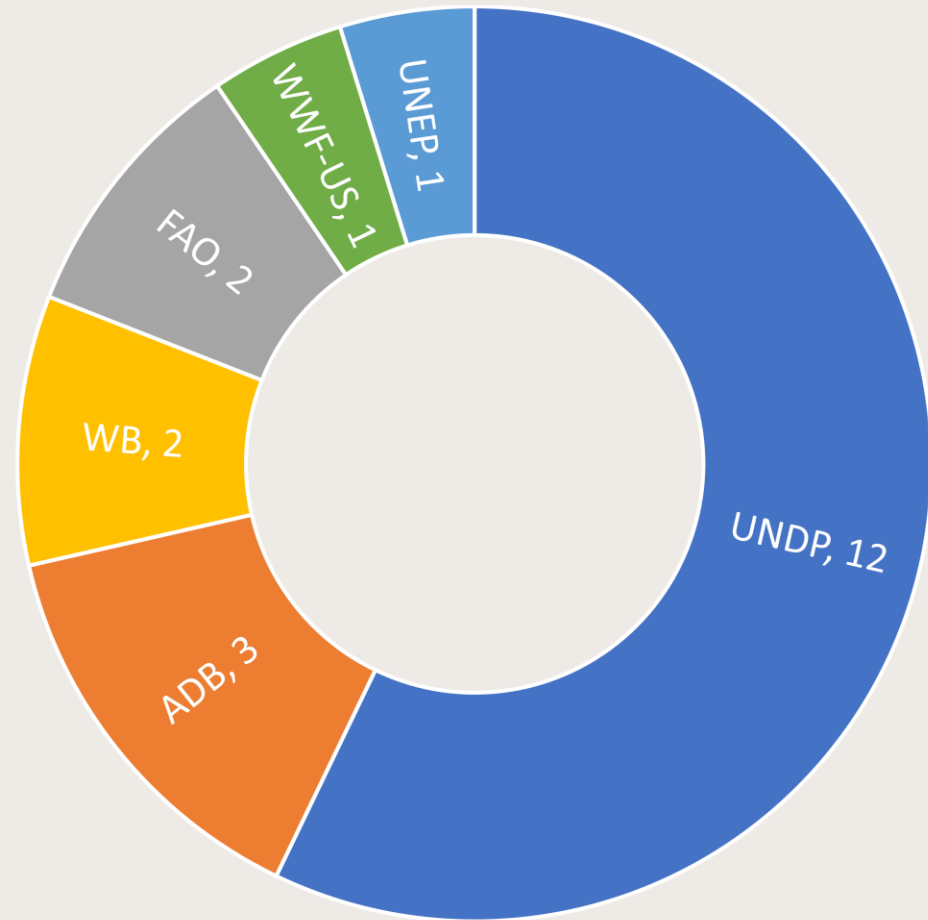


# GEF AGENCIES INVOLVEMENT

The GEF Agencies are the **operational arm** of the GEF.

Work closely with **national stakeholders** (i.e., governments, the private sector and civil society organization) in the **design and implementation** of GEF Projects.

*By number since inception*



As of March 1, 2024



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GREEN  
CLIMATE  
FUND

## Complementary Programming between GEF and GCF

### PANELISTS

- **GEF:** Tshewang Dorji
- **GCF:** Alisher Mamadzhanov

You can watch the recording of the panel on the post-workshop video recording

*Cambodia*



# Long-term vision on complementarity



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GREEN  
CLIMATE  
FUND

## Elements

### *Collaborative and coordinated programming*



Major initiatives

National investment planning

List of priorities for each fund

Collaborating financing  
platforms

### *Sharing information, lessons learned and knowledge*



Lessons learned from portfolio  
to strengthen implementation

Development and use of  
guidance products and  
methodologies for design and  
measurement

### *Communication and outreach*



Communicate about LTV in  
programming

Enhance outreach and  
communications with  
donors, at COPs

# Long-term vision on complementarity



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CLIMATE  
FUND

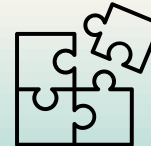
## Ongoing Work



Consultations on  
additional major  
initiatives



Joint national  
investment planning in  
5 countries with  
Taskforce for Climate  
Finance Access



Analysis of GEF/GCF  
processes and  
policies and  
recommendations to  
support  
complementarity



Outreach and  
knowledge sharing  
expansion: COP 28  
joint pavilion



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# Adaptation by Design

Designing Impactful Projects with Climate Rationale

**GEF Pacific, Indian and Atlantic Ocean  
SIDS Workshop  
March 26-27, 2024**



# A Common Practice...

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*I have the solution!*

*What is the problem?*



# A Common Practice...

---

*I have the solution!*

*What is the problem?*

*Let's ask the right questions*





# Why Climate Adaptation by Design Needs Clear Climate Adaptation Rationale



**FOCUS** on  
climate problem



**IMPACT**  
for climate  
adaptation



**COST-EFFECTIVE**  
interventions



**MALADAPTION RISK**  
avoidance

# The Starting Point

*For designing impactful projects with  
a strong climate adaptation rationale*

**WHAT IS THE CLIMATE PROBLEM  
TO BE SOLVED?**

Climate problem **now**  
**AND** in the **future**?

Climate hazards **AND**  
**impacts** of those hazards?



# Elements of Climate Adaptation by Design

## Climate risks

### CLIMATE HAZARDS

(e.g. increased heat, variable rainfall; sea level rise, etc)

Scenarios considering trends and variability of hazards using existing data ideally for 2 scenarios to 2050)

### CLIMATE IMPACTS

(e.g. crop failure, infrastructure damage, coastal flooding, etc)

Types and scale of current and expected impacts from the hazards

### SOLUTIONS

(e.g. Project outcomes, outputs, activities)

Addressing impacts on the target population (considering cost/benefits and financial & physical sustainability)

### IMPACT MONITORING & LEARNING

Monitor effectiveness of the strategy and **adjust accordingly.**



# Additional Considerations

## Climate risks

### CLIMATE HAZARDS

(e.g. increased heat, variable rainfall; sea level rise, etc)

Scenarios considering trends and variability of hazards (using existing data ideally for 2 scenarios to 2050)

### CLIMATE IMPACTS

(e.g. crop failure, infrastructure damage, coastal flooding, etc)

Types and scale of current and expected impacts from the hazards

### SOLUTIONS

(e.g. Project outcomes, outputs, activities)

Addressing impacts on the target population (considering cost/benefits and financial & physical sustainability)

### IMPACT MONITORING & LEARNING

Monitor effectiveness of the strategy and **adjust accordingly.**

#### + EXACERBATING FACTORS

- BEHAVIORS?
- POLICIES?

**Solutions** aim to address vulnerability:

SENSITIVITY  
EXPOSURE  
ADAPTIVE CAPACITY



# Sources of Climate Data



## Country documents

- **Adaptation Communications to the UNFCCC**
- **National Communications to the UNFCCC**
- **National Adaptation Plans**
- **National Adaptation Programmes of Action**
- **Meteorological Services reports**
- **Others**



## Examples of open-source data

**Climate Information** <https://climateinformation.org>

**Costing Nature** <http://www1.policysupport.org/cgi-bin/ecoengine/start.cgi?project=costingnature>

**Climate Scenarios** <https://climatescenarios.org/>

**Copernicus Climate Data Store** <https://cds.climate.copernicus.eu/cdsapp#!/home>

**IPCC Interactive Atlas** <https://interactive-atlas.ipcc.ch/>

**IRI/LDEO Climate Data Library** <http://iridl.ldeo.columbia.edu/>

**Shared Socioeconomic Pathways Database** <https://tntcat.iiasa.ac.at/SspDb/dsd?Action=htmlpage&page=20>

**WMO Climate Data Catalogue** <https://climatedata-catalogue.wmo.int/assessed-datasets>

**World Bank Climate Change Knowledge Portal** <https://climateknowledgeportal.worldbank.org/>

# Getting Started

## STEP 1

### DEFINE THE CLIMATE PROBLEM

Risks of climate hazards and its **impacts**

- ✓ Climate hazards  
Increased **intensity and variability of rainfall + temperature** expected to increase by 2050
- ✓ Climate impacts  
...expected to decrease food production (crop types, how much, where)

For example:

## STEP 2

### DESIGN THE SOLUTION

Directly **address the climate impacts**

Transition to **drought and flood resilient practices** (what practices, where, who)

### SUSTAINABLE SOLUTIONS

#### ACCESS TO CAPITAL

- ✓ *Financially sustainable*  
Micro lending for producers to transition to production practices that are drought and flood resilient

#### TRAINING

- ✓ *Institutionally sustainable*  
Ministry of Agriculture and local farmers cooperatives training farmers in drought and flood resistant technologies.

#### POST-HARVEST TECHNOLOGIES

- ✓ *Cost effective*  
SME development for post-harvest storage and transportation to avoid loss of produce

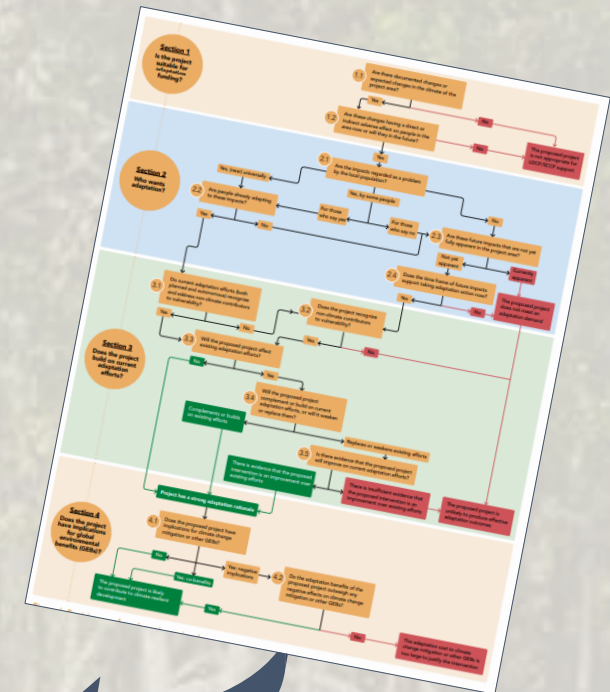




# Published Guidance

• BY the GEF Scientific and Technical Advisory Panel (STAP)

<https://stapgef.org/sites/default/files/2022-08/56067%20Decision%20Tree%20paper%20-%20web.pdf>



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for Pacific, Indian and Atlantic Ocean SIDS  
POST-WORKSHOP ADDENDUM**

*The following individual delivered a presentation*

- Rosina Bierbaum, Chair of the GEF Scientific and Technical Advisory Panel (STAP)

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# PROJECT CONCEPT DEVELOPMENT

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# Project concept & Proposal

## 1. Project Objectives and Rationale (including these aspects)

- Current and anticipated climate impact problem
- Existing adaptation strategies and plans
- Project objective
- Target region(s)/communities

# Project concept & Proposal

## 2. Project elements

- Components and Activities
- Adaptation Benefits
  - People
  - Land/Coastal and Marine
  - Policies/Plans
  - People Trained
  - Private Sector Engaged



# Project concept & Proposal

## 3. Implementation arrangements

- Executing agency and rationale
- Key stakeholders to be engaged
- Ongoing or planned initiatives/projects to be leveraged
- Risks

# Project concept & Proposal

## 4. Project sustainability

- Financial sustainability
- Stakeholder engagement sustainability
- Institutional sustainability

**For the questions related to homework assignment, please contact the following team member**



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