

# Climate Science Information for Climate Action

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UNFCCC NAP WRITING WORKSHOP

12-15 July 2022, Cambodia

**WMO OMM**

World Meteorological Organization

Organisation météorologique mondiale

# Outline

1. Background of the CSICA (phase I)
2. Climate Science Information Support (Phase II)

CLIMATE **SCIENCE** INFORMATION FOR CLIMATE **ACTION**

# GCF-WMO Agreement (2018-2021)

- Expert advisory services, signed Oct 2018
- Total amount from GCF - USD 1.4M
- Deliverables:
  1. Inception report
  2. Concept note
  3. Policy guidelines
  4. Draft methodology
  5. Tools (**Climpact**)
  6. Final **methodology**
  7. Structured Access (**Climate Information**) Platform
  8. Costed implementation plan

# Climate Science Project Outputs

Guidance document

**Guide for Developing the Climate Science Basis for GCF Funded Activities**

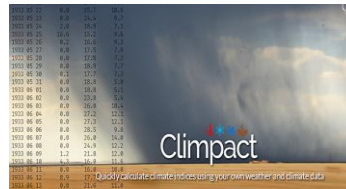
## Climate Information Platform (CIP)

A web-based data access platform – providing access to CMIP and CORDEX projections and indicators worldwide.

Tools & data sources

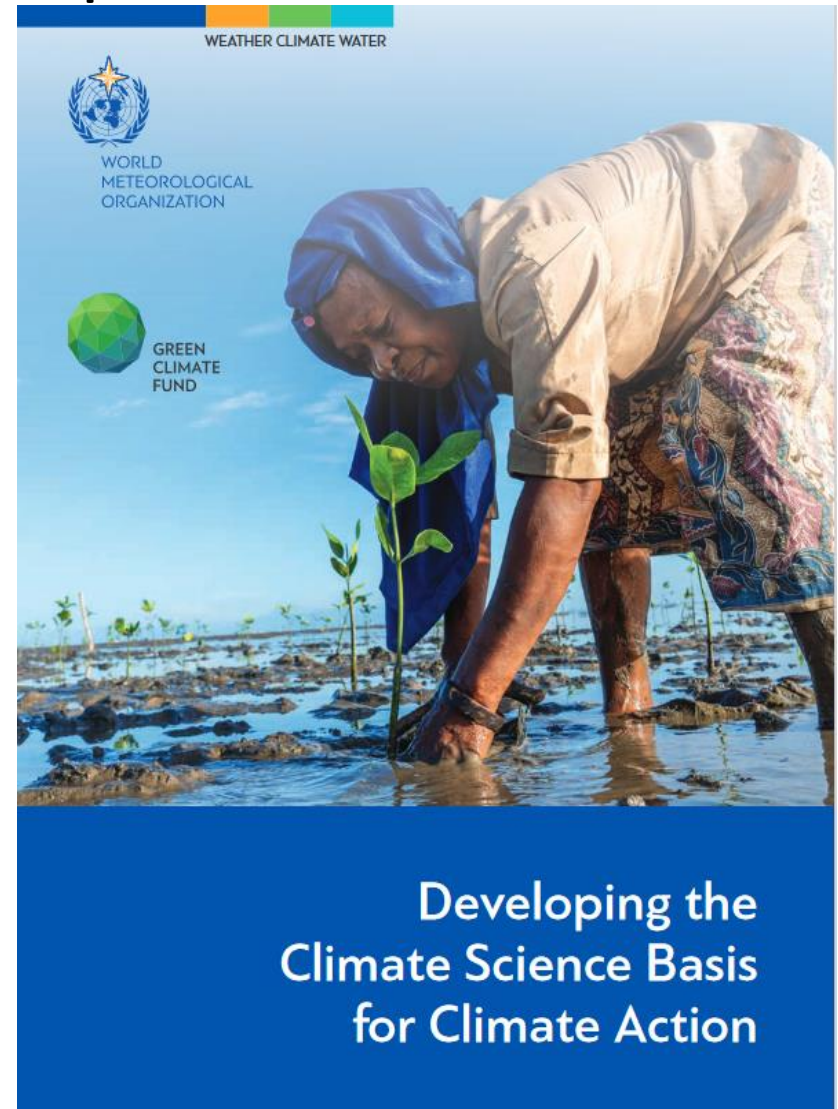
## Climpact

A software package to calculate over 70 climate indices from historical daily temperature and precipitation relevant for the health, agriculture, water and other climate-sensitive sectors.



Country examples

Evidence-based climate action solutions for agriculture, health, water, energy, fisheries, forestry, coastal zone management, DRR and other sectors from St. Lucia, the Democratic Republic of the Congo, Cabo Verde and Cambodia.



Platform for structured access to analyzed data output and technical resources



Methodology field-testing, regional consultations and expert advice



Hands-on implementation and capacity development at country level



Networking with national to international partner organizations

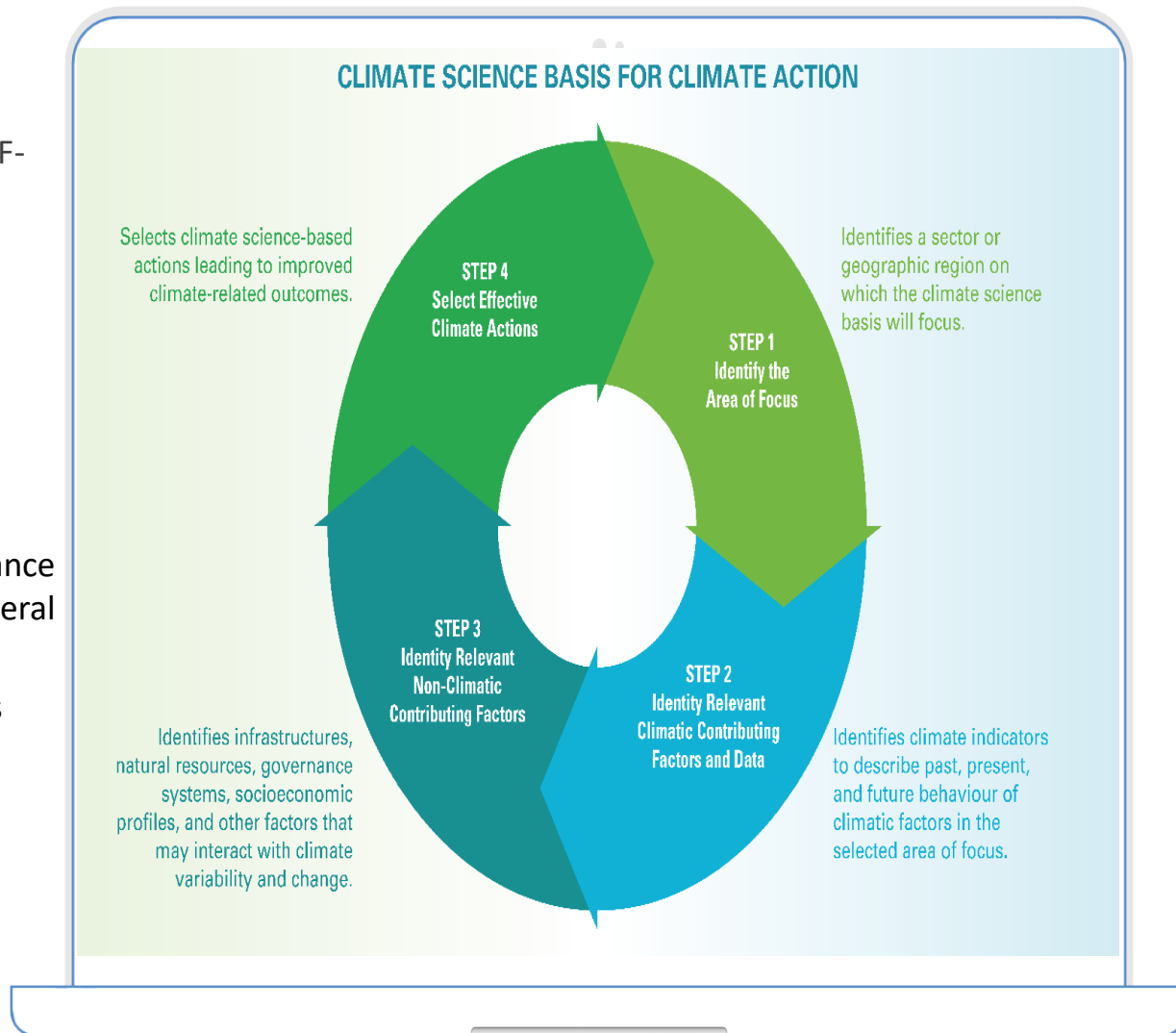
# The Guidance

The guide outlines **four steps** for developing a climate science basis for GCF- or other funded activities, particularly **adaptation investments**.

The methodology can also support mitigation activities.

## Applications:

- GCF projects
- Projects funded by other climate finance sources (Adaptation Fund, GEF, bi-lateral donors, etc.)
- Nationally Determined Contributions (NDCs)
- National Adaptation Plans (NAPs)
- Other national planning and programming frameworks



# Country Examples

Saint Lucia

Democratic Republic of Congo

Cabo Verde

Cambodia



## Annex II. Country Case Studies

Version 8 September 2021

### Developing the Climate Science Basis for Climate Action



Source: WMO, 2020



# Project Phase II (2022)

## CLIMATE **SCIENCE** INFORMATION FOR CLIMATE **ACTION**

- Goal: *Transformative climate action underpinned by sound climate science information*
- Objective: *To systematically strengthen the capacity of stakeholders to incorporate climate science information into climate adaptation plans, policies and investments*



# Implementation Plan under development with GCF for Phase II (2022-23, first year)

1. Roll out (of methodology, materials, tools)
  - Global Forum on Climate Science Information
  - One-stop-shop on methods and tools
  - Expert Facility
2. Maintenance and enhancement of tools and methods (e.g., Climate Information Platform, Climpact)
  - Upgrade from CMIP5 to CMIP6
  - Inclusion of IPCC interactive Atlas
  - Sector-specific guidance and tools
3. Capacity development for all stakeholders
4. Hands-on support for specific implementation cases
  - Climate science information
  - Hydro-met systems and services enhancements in funded projects
5. Strategic Information for Policy and Finance (UNFCCC SCF, QMS, capacity checklist, etc.)



# Current & Upcoming Events

1. UNFCCC NAP Writing Workshop: Siem Reap, Cambodia / 12-15 July 2022
2. NAP EXPO: Gaborone, Botswana / 22-26 August 2022
3. Regional Training Workshop on Climate Science Information: Johannesburg, South Africa / 12-16 September 2022
4. First Global Forum on Climate Science Information: Geneva, Switzerland- WMO Secretariat & Virtual / 27-29 September 2022
5. COP27: Sharm el-Sheikh, Egypt / 6-18 November 2022

# Thank you!

For any support requests or inquiries:  
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