



Global Framework for Climate Services

Implementation in Sub-Saharan Africa

GCOS-WIGOS-UNFCC Copernicus-GFCS Workshop
Entebbe/Uganda 31st October – 2nd November 2018

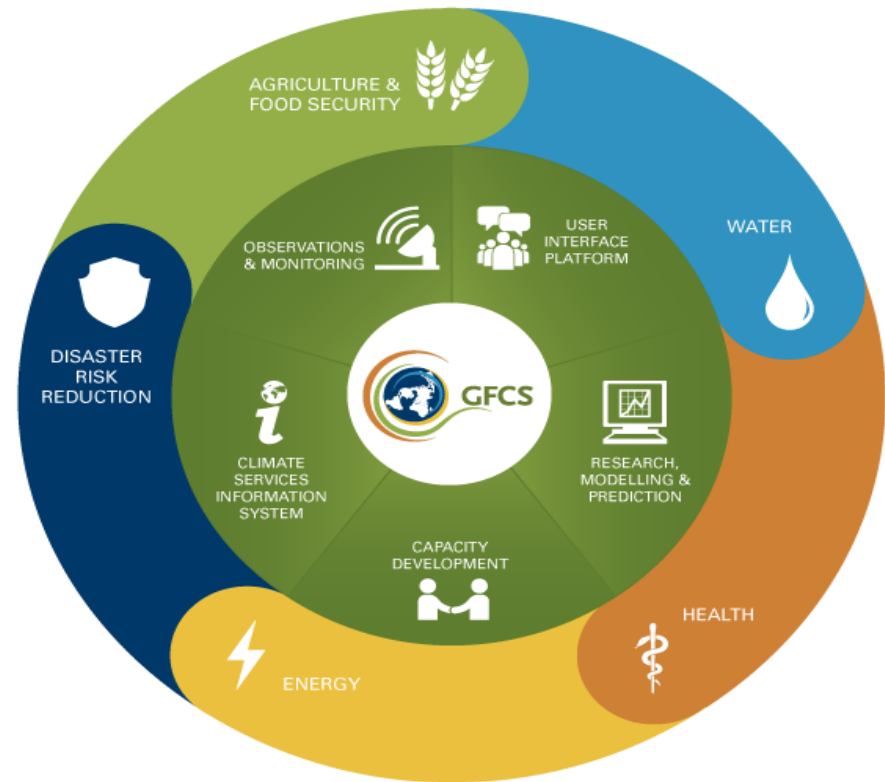
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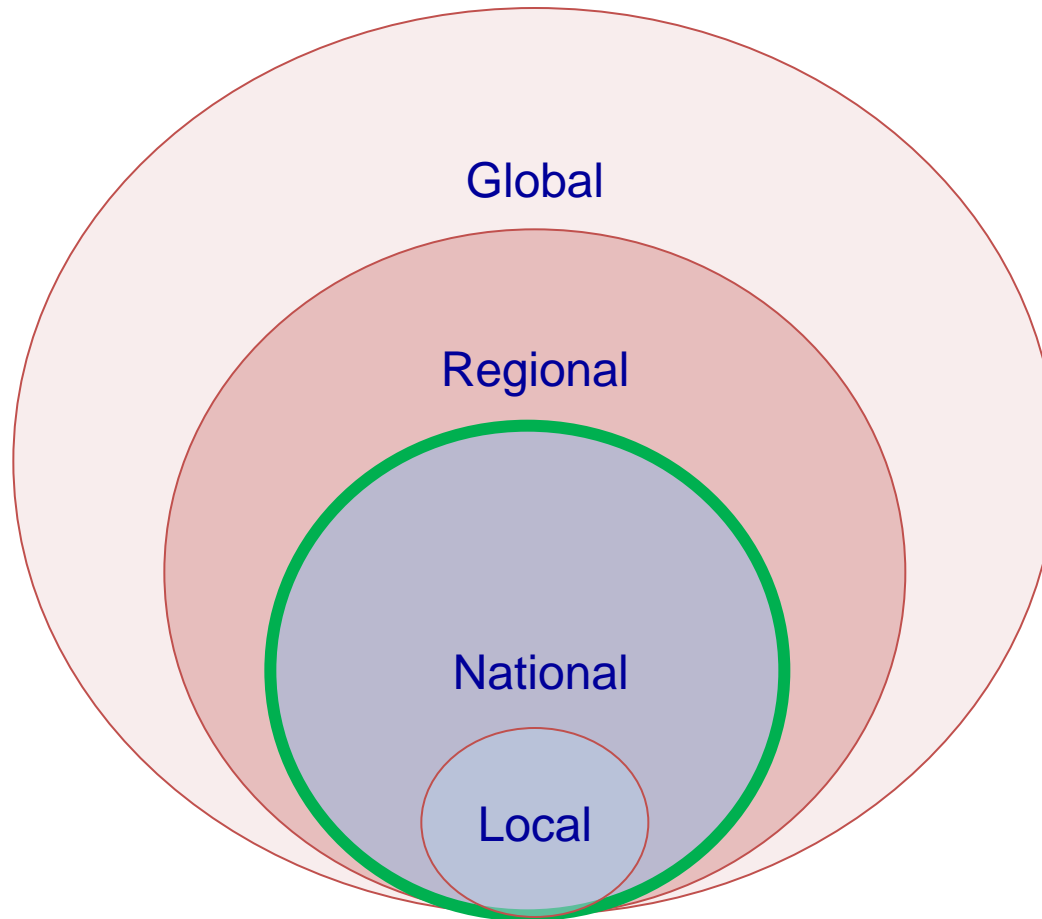
The five components and priority areas of GFCS.

Vision

To enable **better management of the risks** of climate variability and change and **adaptation to climate change**, through the development and incorporation of science-based climate information and prediction into planning, policy and practice on the global, regional and national scale.”



Domains of operation of GFCS



GFCS: A vehicle for coordination

GFCS implementation support on the national level

An NFCS is an institutional mechanism to coordinate, facilitate and strengthen collaboration among national institutions to improve the co-production, tailoring, delivery and use of science based

The main functions of an NFCS are to serve as a

- platform for collaboration and co-production

- a legal framework for collaboration at the national level to generate and share user oriented climate services for use by the relevant social and economic sectors.

The GFCS 5 Step Process for Supporting Countries to Establish National Frameworks for Climate Services

Actually ongoing in Sierra Leone and Liberia

Step 1: National Baseline Capacity Assessment for Development of Climate Services

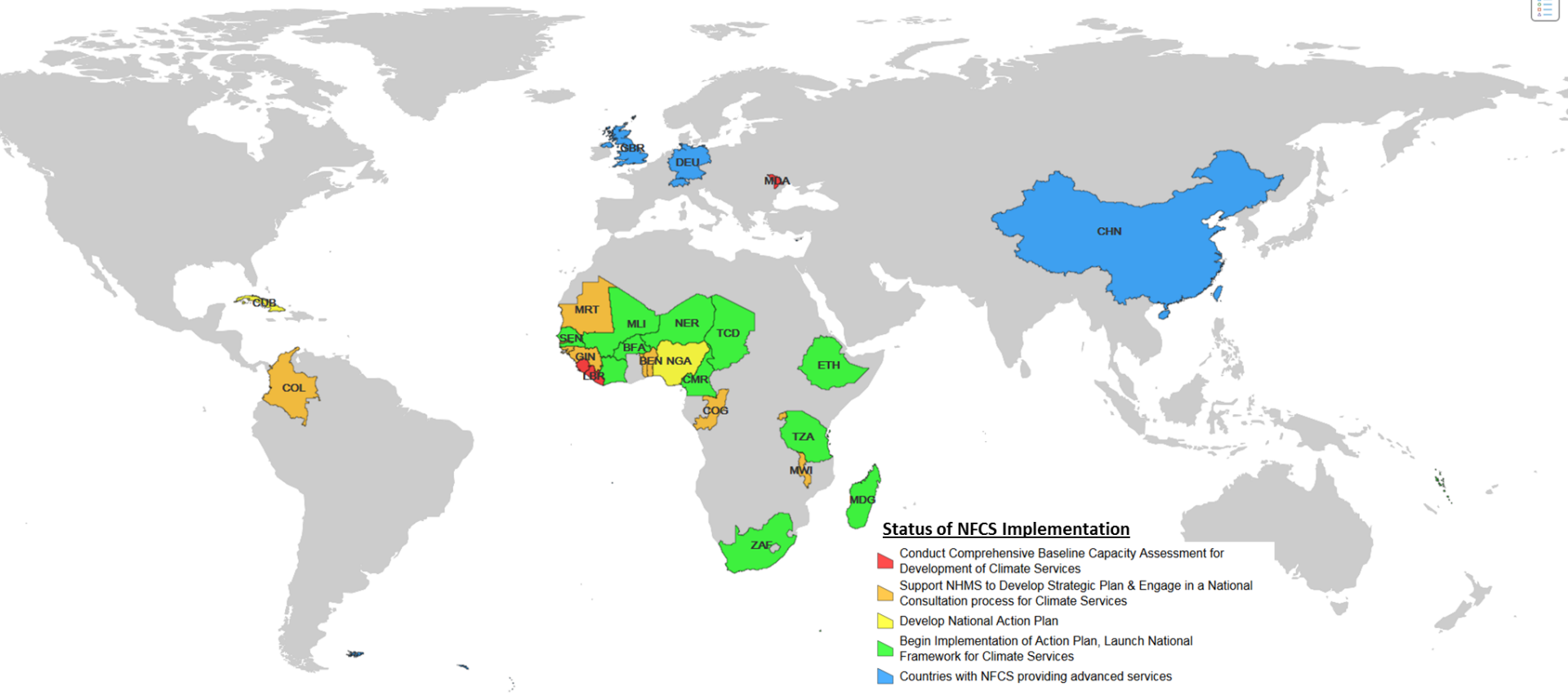
Step 2: National Consultation on Climate Services, Development of NHMS Strategic Plan

Step 3: Participatory Inter-sectoral Development of National Action Plan for the Establishment of a National Framework for Climate Services

Step 4: National Action Plan Endorsement workshop (High level)

Step 5: Launch of National Framework for Climate Services, Operational implementation of priority activities, rigorous M&E

Sate of GFCS Implementation in Africa as of October 2018



Value Chain Linking Climate Knowledge to Action



External Data Providers

GPCs
Climate Data Providers
RCCs



Capacity Strengthening for NHMS

In-Country Data Providers

National Hydro-Meteorological Services

Production of tailored hydro-meteorological information → production of climate information

Sector Experts, Co-producers

Ministerial Departments Agriculture, DRR, Water, Health, Energy

Tailoring of climate information → production of climate service

Boundary Organizations

Media, ICTs, Rural Radio, Telecom Companies, Agricultural Extension Agents, NGOs, CBOs)

Two-way communication of climate information and advisory services

National-Level Users

Rural Development Planners, Disaster Managers, Public Health, Dam Builders, Private Sector

Feedback, Co-production

Community-Level Users

Farmers, Pastoralists, Vulnerable Communities

Feedback, Information Knowledge Overlay Co-production

Research Partners and Development Partners

The Gap between User needs and Climate Information and services ...



SERVING USER NEEDS.....

User Interface Platform

Example : CSAT developed by the walker institute/
University of Reading

What is needed?

Feedback

Dialogue

Outreach and

Monitoring & Evaluation

Some initiatives supporting NFCS

the NFCS have enabled the identification of priorities and formulation of Action Plans, which have guided the investment plans of CREWS, GFCS Sahel, and the Africa Hydromet Programme.

Partner support for NFCS

- World Bank in Burkina Faso, Mali, and Niger
- CCAFS support for NFCS in Rwanda and expression to support NFCS in Vietnam
- SRD in Colombia
- IRI in Ethiopia
- Pilot Program for Climate Resilience in Nepal (<http://ppcr.moste.gov.np/>)
- WB initiative in Moldova
- WFP included the NFCS in the GCF proposal for Zimbabwe (submitted)

Some initiatives supporting NFCS in Burkina Faso

Initiative	Objective
GCF : Strengthening Climate Resilience	improve the country's hydro-meteorological, climate, early warning services and improve access to such services by targeted sectors and communities.
CREWS : Strengthening National Capacities for Early Warning System Service Delivery	building the capacity of the National Meteorological and Hydrological Services and strengthening cooperation with authorities and the public, to enhance early warning systems with a seamless approach
MESA & GMES Africa programs	to facilitate the continuation and expansion of the current services and the Copernicus Programme and structure for natural and water service
Health and Heatwave Early Warning (ACASIS)	setting-up a pre-operational heatwave warning system
USAID : Resilience in the Sahel Enhanced (RISE)	RISE seeks to improve health and nutrition while also strengthening institutions and governance critical to resilience in order to improve natural resource management and mitigation of resourcerelated conflict
University of Reading : BRAVE – Building understanding of climate variability into planning of groundwater supplies from low storage aquifers in Africa	a new understanding of climate variability and observational capacity and its water resource impacts into the planning and operation of groundwater supplies in the Volta River Basin.

Ensuring a clear recognition of climate services in National Adaptation Plans (NAPs)

- Engagement with the NAP task teams in Malawi and Tanzania (under the GFCS Adaptation Programme in Africa (GFCS APA))
- Development of strategic plans for health adaptation and risk communication through the National Health Adaptation Plans (HNAPS) in Malawi and Tanzania

GFCS increases visibility of national hydromet services (NMHSs)

- They are engaged in climate adaptation governance
- The NMHS should have the leading role in the establishment and the implementation of the national framework for climate services (NFCS)
- NMHSs enjoy greater recognition for their role of national climate services providers
- NMHSs are engaged to a greater extent in climate adaptation processes at the national, regional, and local levels

Overview on the GFCS Adaptation Programme for Africa - Phase II Launch

GFCS Adaptation Programme in Africa Phase II

- 4.3m USD, funded by NORAD
- Tanzania and Malawi
- Tanzania Partners/Collaborators: TMA, WMO, Tanzania Ministry of Agriculture, WFP, Ministry of Health, WHO, IFRC, and the Tanzania Red Cross Society
- Target Sectors: Agriculture and Food Security, Health, and DRR
- launch – Dec 2019

GFCS APA Phase II Goal

The goal is to contribute to the increased resilience of vulnerable populations to the impacts of weather and climate related risks through enhanced capacity of TMA to provide climate services and enhanced capacity of health, agriculture/food security, and disaster risk reduction professionals/end-users to use climate services in decision making processes.

GFCS APA Phase II Impact

The impact statement for the programme is that the lives of vulnerable populations are improved through enhanced access and understanding of high-quality, action oriented climate services and policies supporting mainstreaming of climate services in development and adaptation planning.



Thank you for your attention
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