



Global challenges and future opportunities in climate service

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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.”

Priority Areas



Agriculture and
food security



Disaster risk
reduction



Water



Health



Energy



PAC Membership



NORWEGIAN
REFUGEE COUNCIL



EUMETSAT



EUROPEAN
COMMISSION



International Union of Geodesy and Geophysics



Union Géodésique et Géophysique Internationale



UNEP



United Nations Institute for Training and Research



ECMWF

EUROPEAN CENTRE FOR MEDIUM-TERM WEATHER FORECASTING



wfp.org



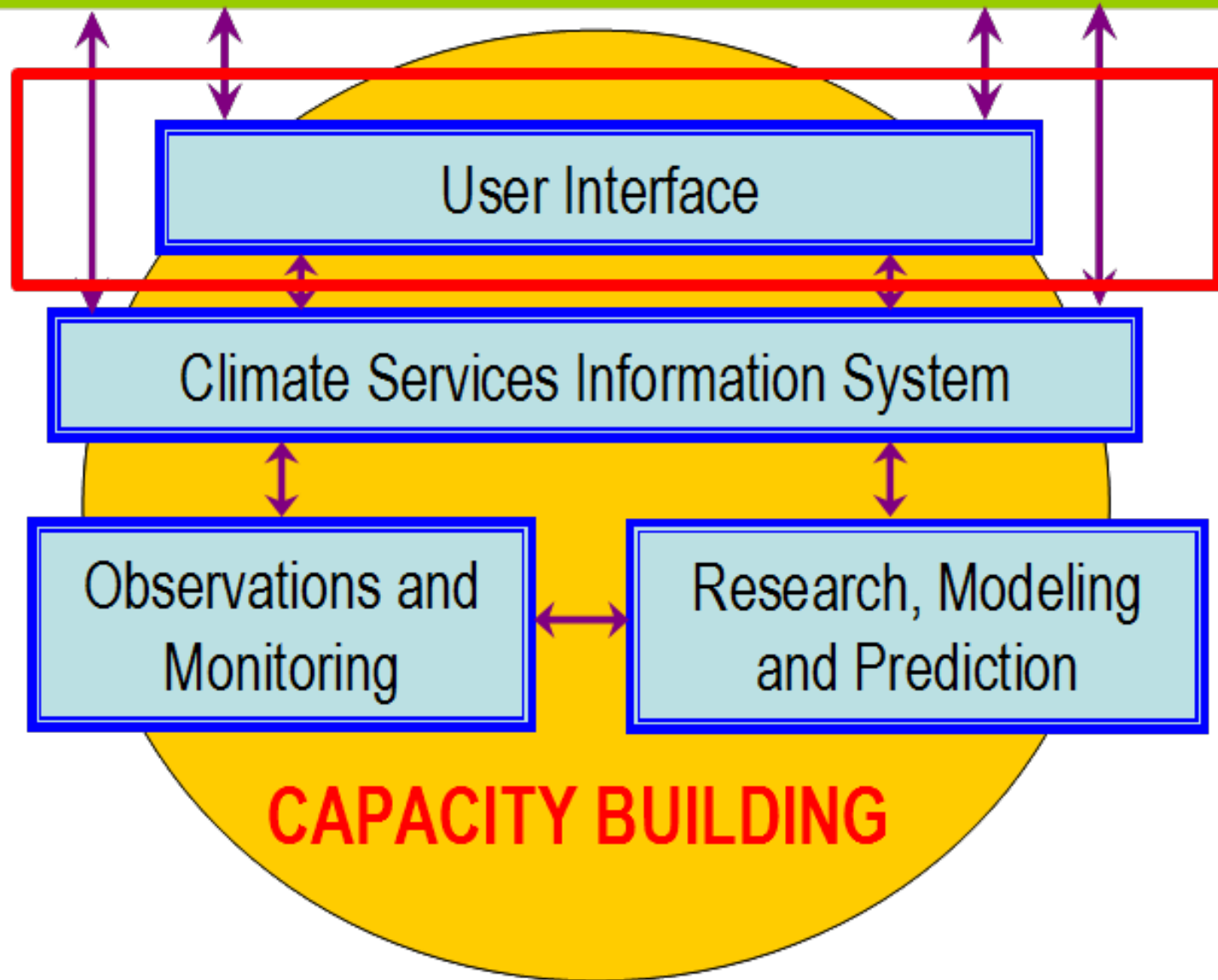
The United Nations Office for Disaster Risk Reduction



GFCS

GLOBAL FRAMEWORK FOR
CLIMATE SERVICES

Users, Government, private sector, research, agriculture, water, health, construction, disaster reduction, environment, tourism, transport, etc





PRIORITY NEEDS FOR THE OPERATIONALIZATION OF THE GFCS (2016-2018)

2015 Process for Development

IBCS ORP Task Force Meeting 27-30 April, 2015.

Members:

- **Member Countries:** China, Norway, Russia, Switzerland, UK, U.S.
- **PAC Members:** WHO, UNISDR, UNEP, UNDP, WFP, FAO
- **RCCs:** ACMAD (Region 1), IGAD (Region 1), CIIFEN (Region 3),
- **WMO Technical Bodies:** CCL, CBS, CHy, JCOMM,

Outcome: a draft ORP Document, with comments from WMO constituent bodies and programmes and PAC Members

Decision: October 2015 IBCS Management Committee meeting – provided feedback and asked the TT to continue working to **further refine, prioritize and finalize the budget and operational plan** for the GFCS for the period 2015-2018.

2016 Process for PN Development

IBCS ORP Task Force Meeting 18-19 April , 2016

Members:

- **Member Countries:** China, Norway, India, Indonesia, Kenya, Niger, Russia, Samoa, Switzerland, Sudan, Tajikistan, UK, U.S.
- **PAC Members:** WMO, UNISDR, UNEP, UNDP, WFP, FAO, WHO, GWP, IFRC,
- **WMO Technical Bodies and Programmes:** CCL, CBS, CHy, JCOMM, Caem, CAgM, WCRP, GCOS, and others

Outcome: a revised and prioritized ORP Document for consideration and further guidance from PAC and subset of MC in June 2016.

GFCS Phase II Implementation Objectives

Reducing the vulnerability of society to climate-related hazards through better provision of climate information.

1: Priority Applications

Improving decision making in climate-sensitive areas:

- Health
- Food security and agriculture
- Disaster risk reduction
- Water resources
- Energy

3: Foundational Pillars

Enhancing technical and scientific capabilities to support user-driven climate services:

- Observations and monitoring
- Research, modeling, and prediction
- Climate services information systems
- Capacity building

2: Bridge

Connecting user needs with climate services through sustained engagement mechanisms:

- National activities
- Regional activities
- Global activities





Thank you for your attention

GFCS Implementation

Five Step Approach

- Step 1: Assessing the baseline
- Step 2: Initial National Consultation Workshop
- Step 3: Joint Development of the National Action plan on Climate Services
- Step 4: High-level endorsement of the National Action Plan on Climate Services by all entities
- Step 5: Launch of the Framework at the national level, followed by implementation of the priority activities of the National Action Plan, rigorous monitoring and evaluation

CURRENT STATUS

- STEP 1:
National Baseline Capacity Assessment for the 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

