



Climate Services Information System (CSIS)

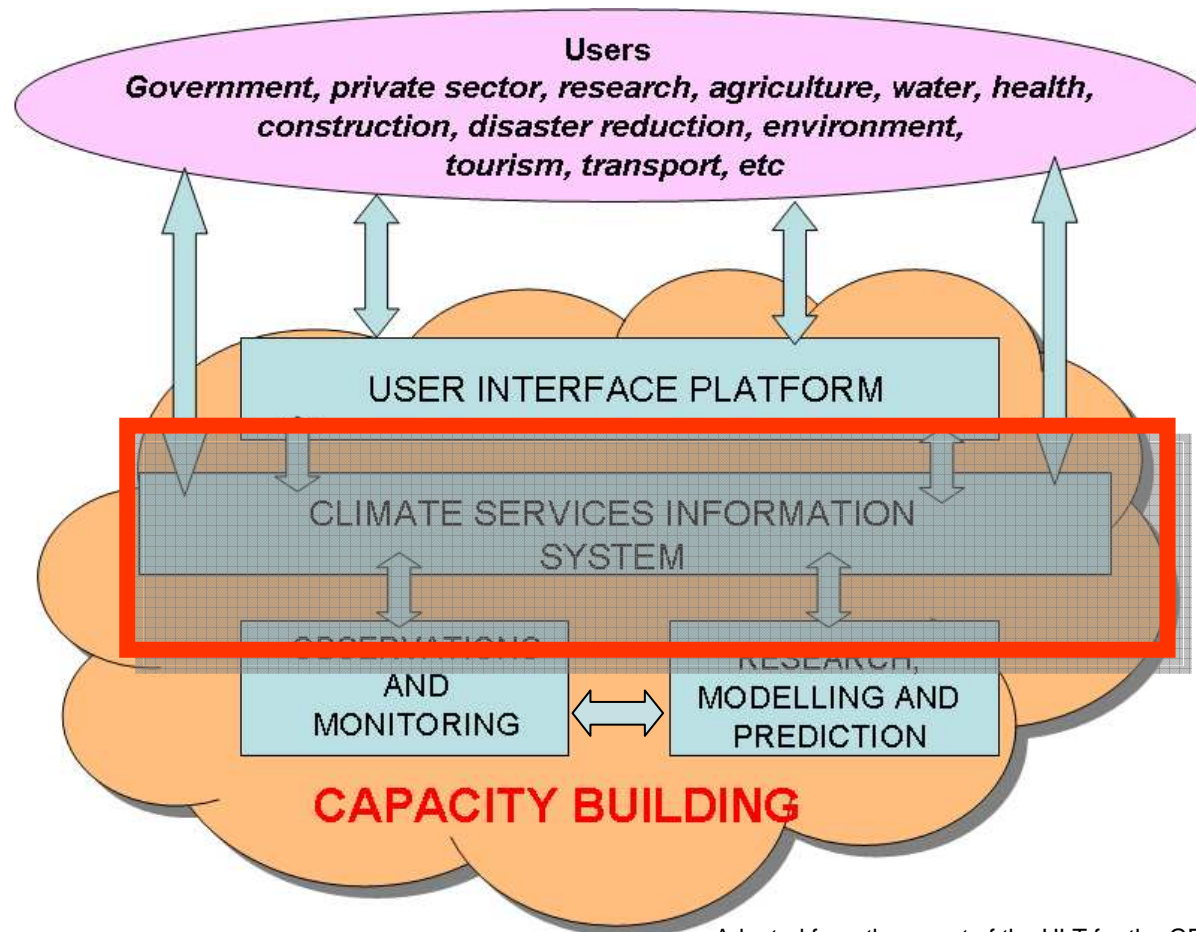
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Overview

- ➔ The GFCS at a glance
- ➔ The Climate Services Information System – CSIS
- ➔ Components of the CSIS
- ➔ Requirements CSIS components have to meet
- ➔ The CSIS at a glance

The Global Framework for Climate Services - GFCS



→ Improved delivery of climate services at the national level based on global and regional cooperation and greatly increased user interaction

Adapted from the report of the HLT for the GFCS

The Climate Services Information System - CSIS

- ➔ Attempt of a definition:
 - ➔ Climate: description of the status (past, present, future) of the atmosphere, the oceans and land surfaces over longer time intervals (months and longer) by statistical properties
 - ➔ Service: Useful content that enables recipients to take further decisions and meets user's needs
 - ➔ Information: Here: more the dissemination of content
 - ➔ System: Has several elements which are operating in a coordinated way
- ➔ Definition by the High-level Task Force:
 - ➔ "... system needed to protect and distribute climate data and information according to the needs of users and according to the procedures agreed by governments and other data providers."

Components of the CSIS (1)

- ➔ At global level
 - ➔ Global Data Centres
 - ➔ Global Monitoring Centres
 - ➔ Global Prediction Centres
 - ➔ Global Application Centres
- ➔ At regional level
 - ➔ Regional Climate Centres (RCCs)
 - ➔ Regional Climate Outlook Forums (RCOFs)
 - ➔ Regional Application Centres

Components of the CSIS (2)

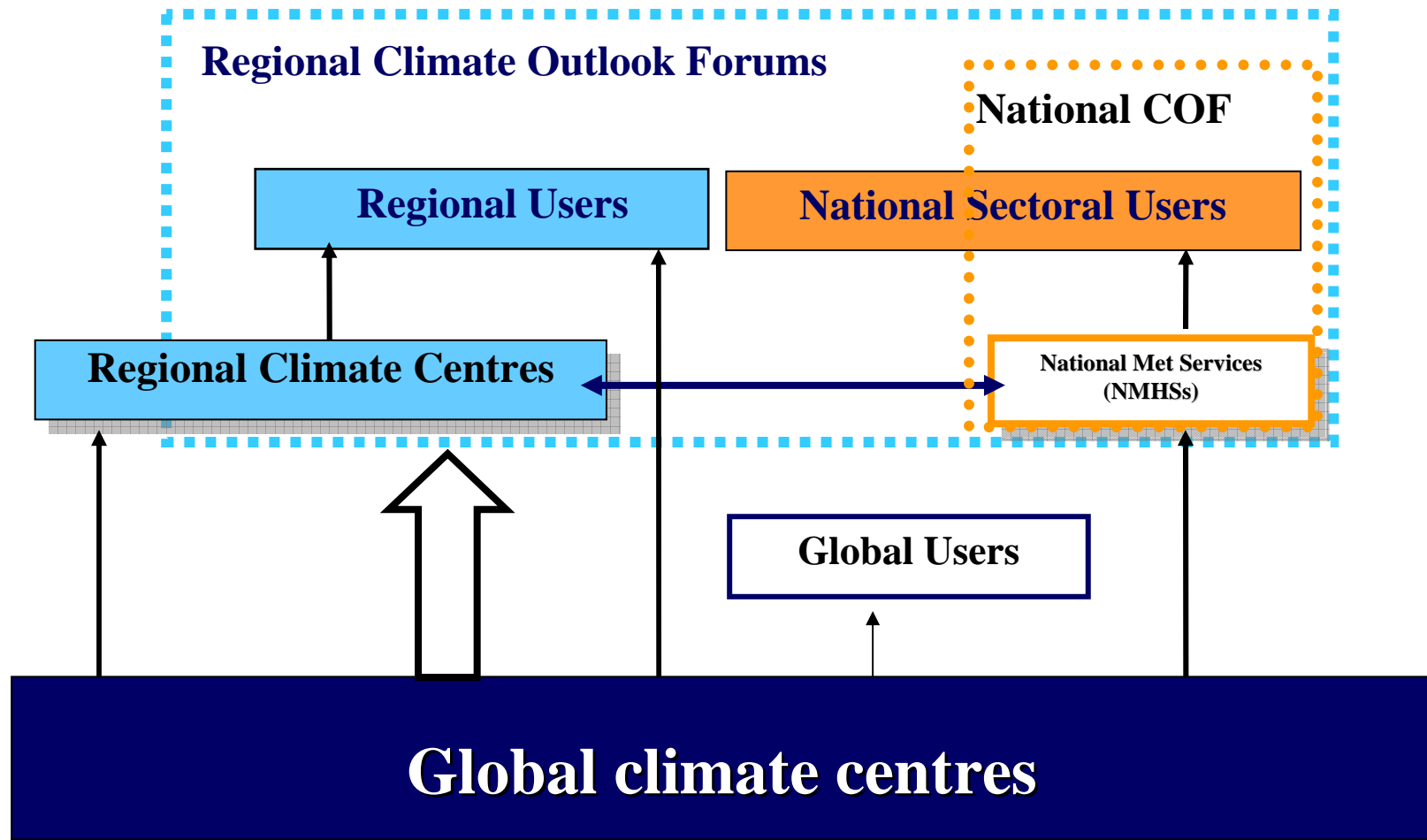
- ➔ At national level
 - ➔ National organisations that deliver climate services, including National Climate Outlook Forums and Climate Watch Systems
 - ➔ One lead organisation to provide guidance and ensure coordination at national and representation at international levels

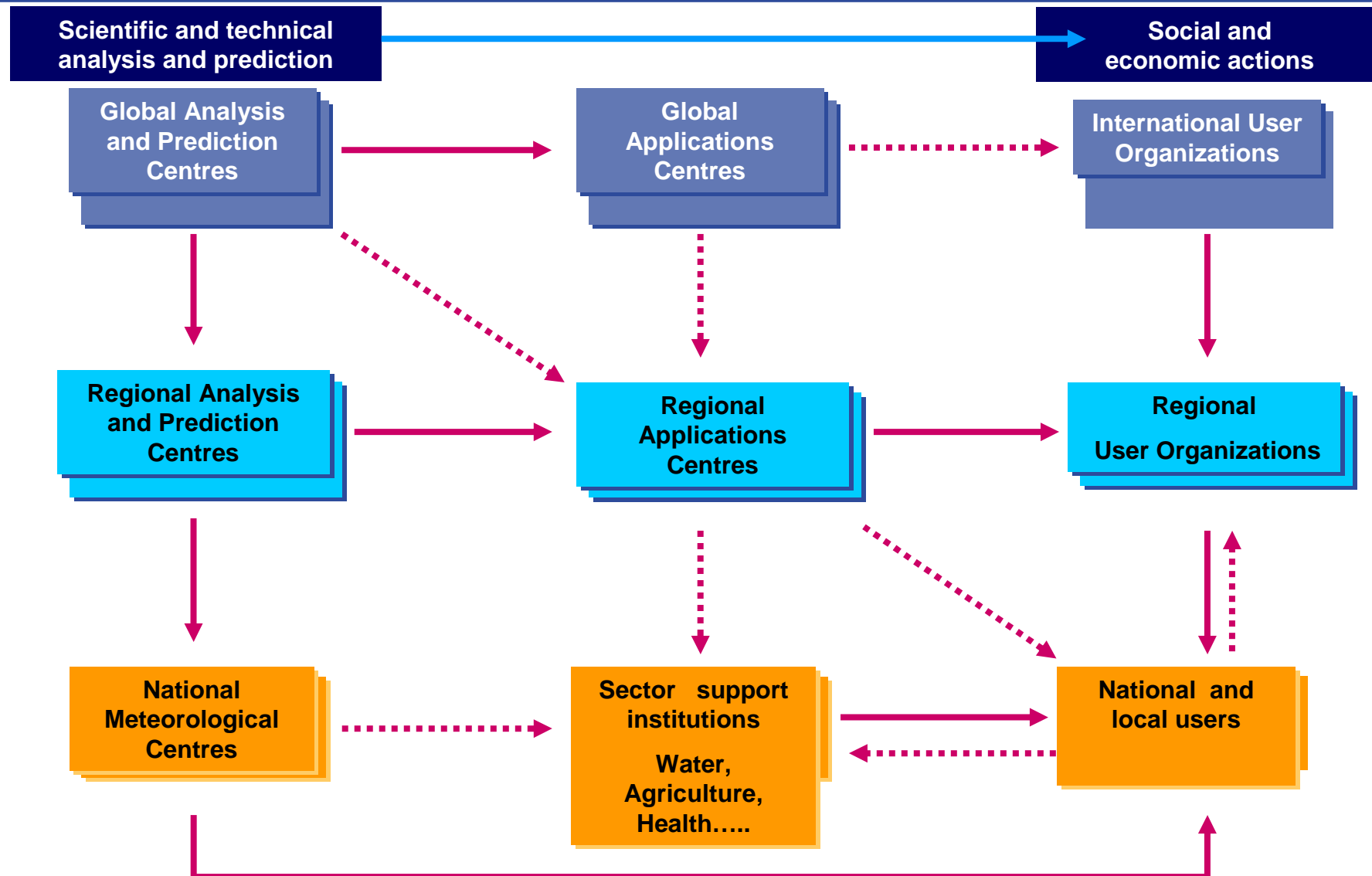
Requirements CSIS components have to meet

- ➔ Services must be operational and reliable
- ➔ Services need to be of known and agreed upon quality
- ➔ Service providers need to demonstrate knowledge of user requirements and how users will apply climate information

- ➔ Consequently
 - ➔ The CSIS must be WIS (WMO Information System) compliant, to ensure interoperability and a wide utilization of its data and services;
 - ➔ Operational functions of CSIS should follow procedures developed within the WMO Global Data-processing and Forecasting System (GDPFS) to ensure that products and services are delivered according to agreed user requirements on quality and reliability

Climate Services Information System - CSIS







Source: gcos.wmo.int

Thank you for your attention !!

→ Home Page: <http://www.wmo.int/hlt-gfcs/>