

## 3. Updates on capacity development activities by WMO Bodies

### *3.4 Updates from HCP*

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# Key Highlights in CD Activities (for Information only)

1. Major Programme / Initiative Launched: **Modular course on S2S Hydrological Prediction and HydroSOS Methodologies in Regional Association III**

**Innovative modular training course** designed to engage diverse user groups and build progressively on previously acquired knowledge.

**Module 1 (Self-paced course):** Introductory content based on WMO Guidelines for Subseasonal to Seasonal Hydrological Prediction, accessible to all users regardless of background, including testimonies of users from the region.

**Module 2 (Instructor-led online):** Deeper exploration of concepts with guided exercises and specialized support.

**Module 3 (Hands-on in-person):** Practical application using participants' own national hydrological datasets (streamflow, precipitation).

## Strategic impact

Institutionalization of the methodology within hydrology. The successful implementation of this methodology—first applied to a specific hydrology topic and demonstrating clear, practical benefits for Members and the global community—has led to its adoption across all hydrology training topics.

As a result, both Regular Budget and Extra-Budgetary projects are now consistently applying this standardized approach.

## Significant Partnership / Resource Mobilization

Joint effort between **HydroSOS (Regular budget WMO)** and **ENANDES project (funded by Adaptation Fund)**.

## Innovation

ENANDES focuses on climate services, while HydroSOS strengthens the hydrological dimension in the value chain. Innovative **integration of climate and hydrology** to deliver comprehensive services for end-users. First time hydrology is embedded as a core component of a climate services project in the region.

## Key Progress

Participants generated operational HydroSOS products and uploaded them to the Global HydroSOS Portal, enhancing international knowledge exchange.

## Critical Challenge / Emerging Risk

- Scaling up the modular training approach across Members and institutions in the different UN languages
- Ensuring continuity of trained personnel and replication of the methodology.
- Addressing infrastructure and data limitations in some NMHSs to sustain operational use.

# Thank you