

Outcomes of CHy-Ext

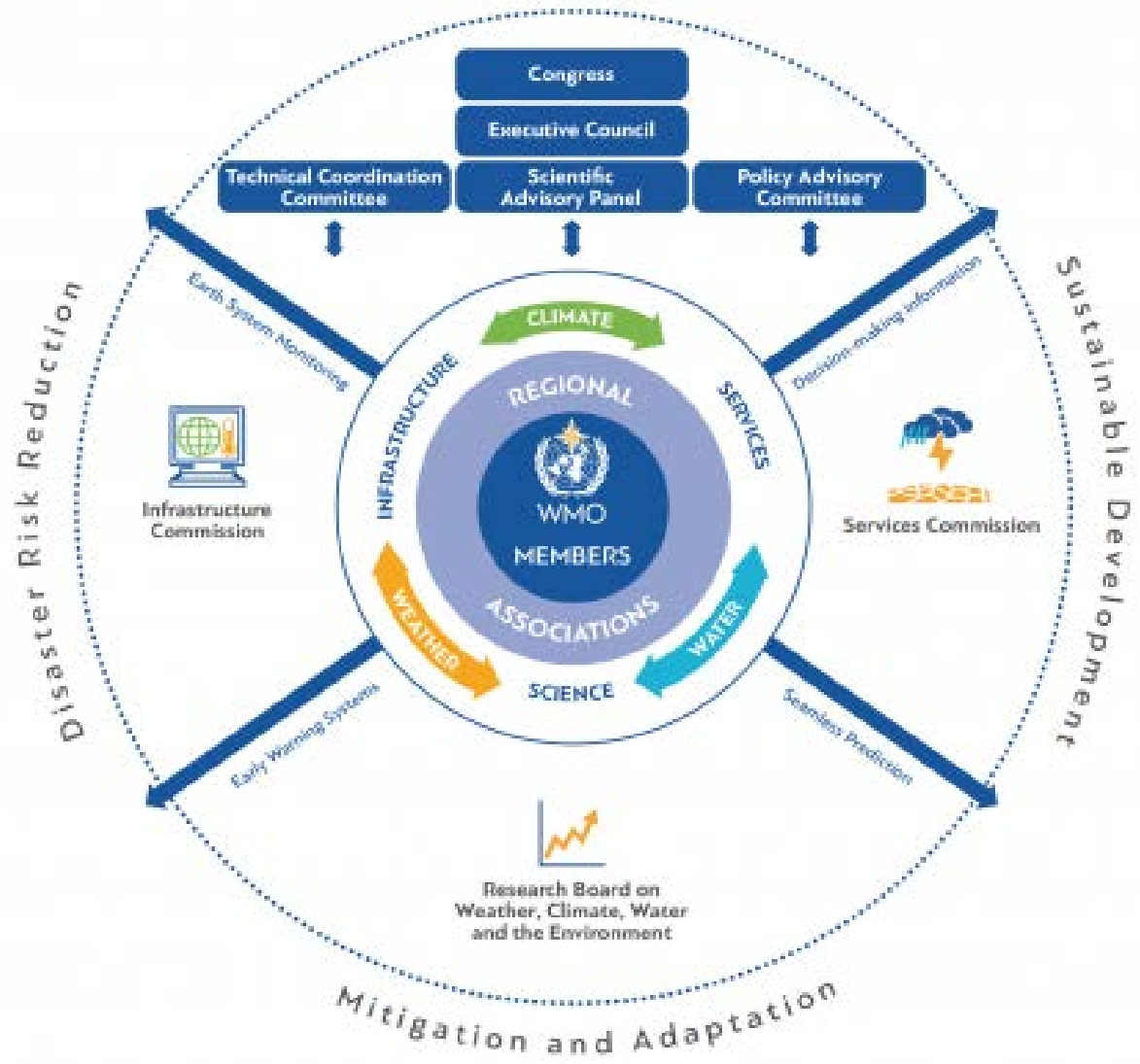
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WMO Reform



How did we get here?

EC-70 requested an extraordinary session of CHy to:

- Define path forward for major WMO developments in hydrology; and
- Propose the necessary organizational arrangements for the hydrological community to deliver on relevant strategic objectives defined in the WMO Strategic Plan.

CHy Advisory Working Group-augmented met in October 2018:

- AWG Member + Regional Hydrological Advisers;
- Laid the groundwork for CHy-Ext., including the principles to be followed and structure of pre-session online discussion.

Very active pre-session discussion

AWG-augmented Advice to CHy

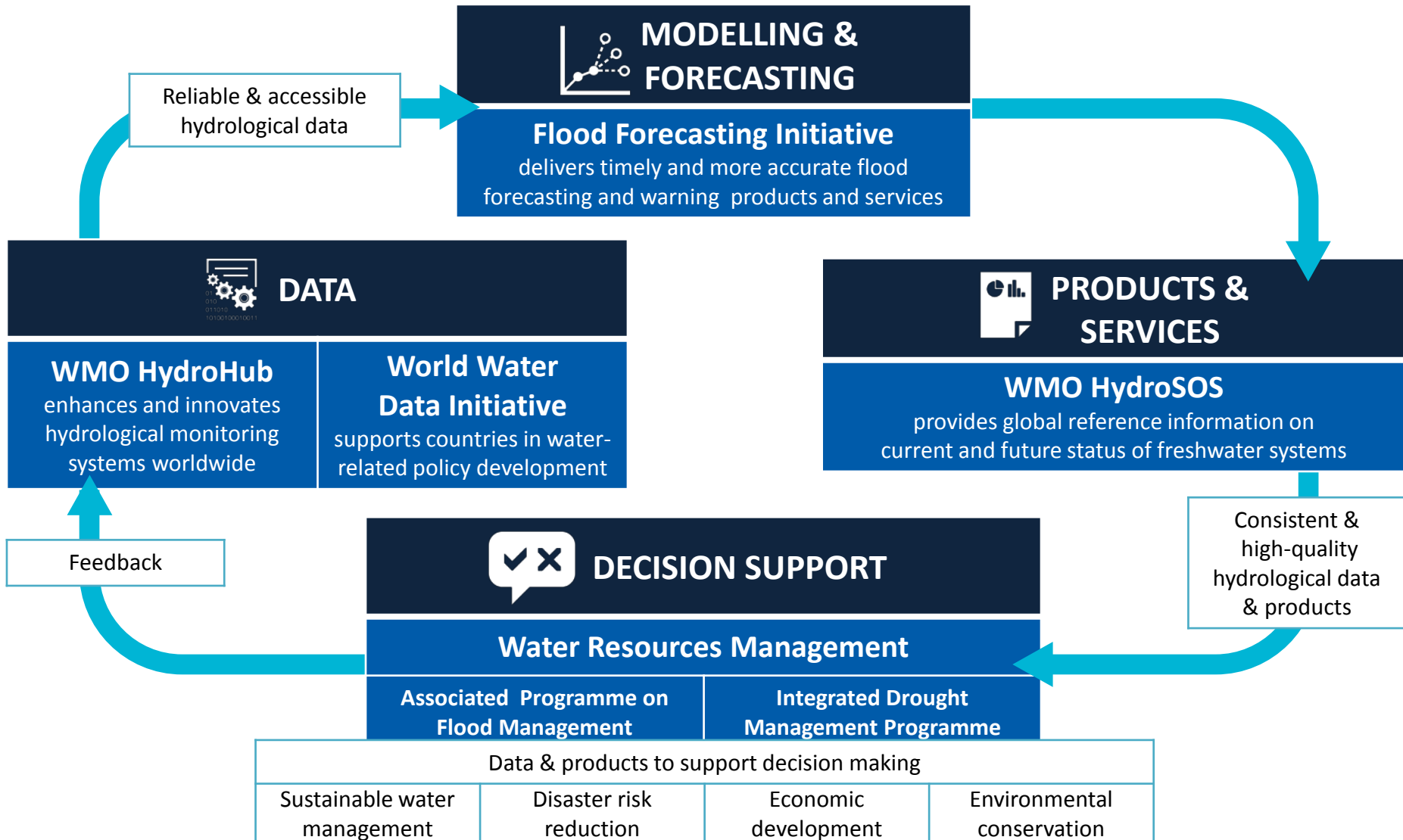
Reform process is an opportunity to:

- **Enhance** the support WMO provides to hydrologists worldwide;
- **Increase** the visibility and involvement of the hydrological community in WMO activities and structures;
- **Elevate** the contribution WMO makes to the global water agenda.

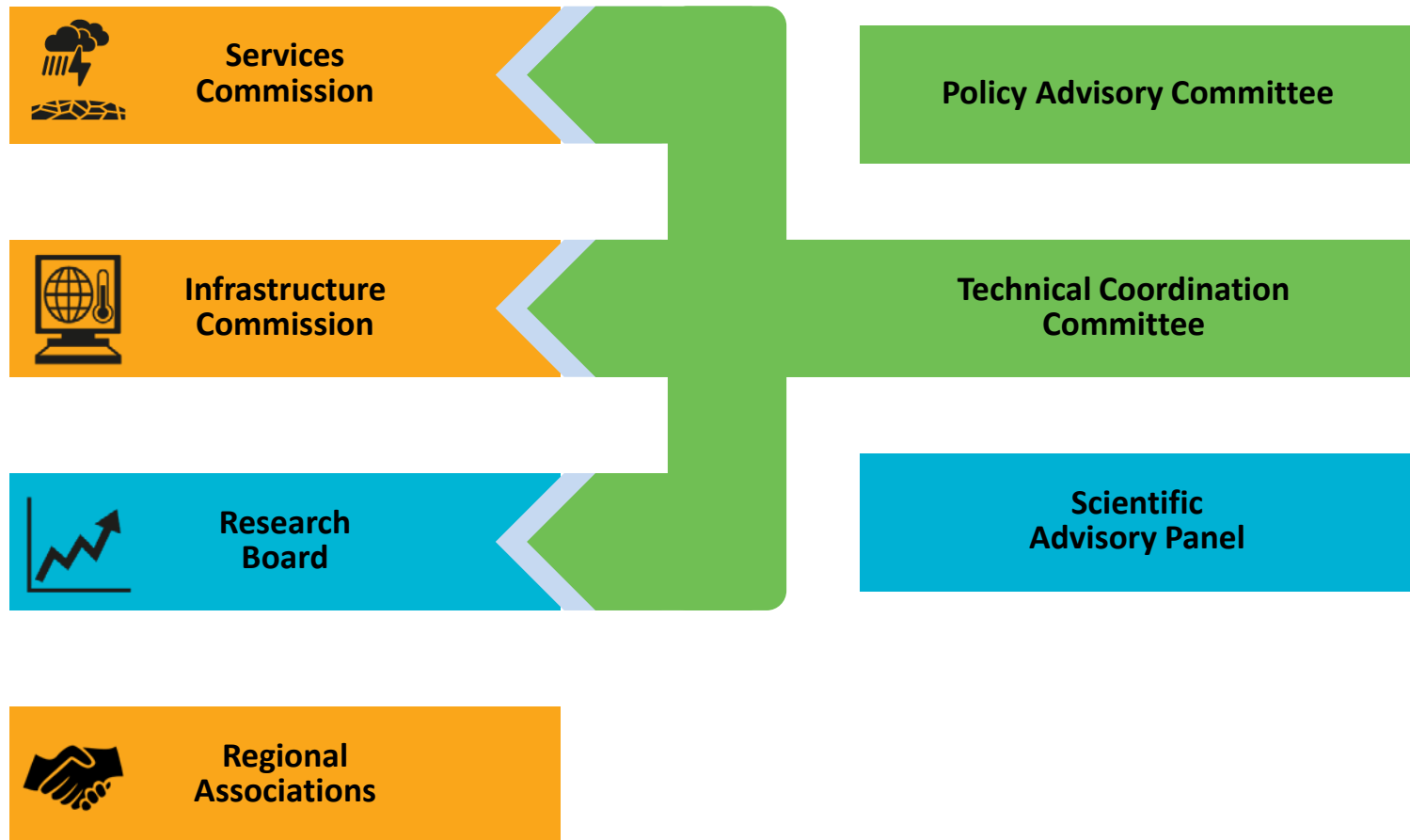
Two main concerns needed to be thought about:

1. **Maintaining seamless approach:** Impact of the proposed new two-Commission structure vis-à-vis the current end-to-end approach of CHy and hydrology specific activities;
2. **Avoiding disenfranchising community:** The importance of proper representation of the hydrological community in the different components of the new structure.

1. How can we maintain the current **seamless approach to water issues** according to the **hydrological value chain**?



2. How can we ensure **inclusive representation** of hydrology in the new structure?



Extraordinary Session of the Commission for Hydrology

- Requested by EC to engage the hydrological community in:
 - (a) suggesting optimal solutions for effective participation of WMO in the global water agenda, and
 - (b) providing recommendations to Congress on ways to integrate hydrological activities into the new WMO structure.
- Best attended session of CHy in its 60 year history
 - 220 participants, 81 countries, 69 Members with voting rights
- Considered two documents
 - WMO Vision and Strategy for Hydrology
 - Organizational Arrangements for Hydrology and Water Resources in WMO

CHy-Ext Outcomes and Recommendations to Congress

Provisional Report (Approved Documents) can be found at:

<http://meetings.wmo.int/CHy-Ext>

Recordings of the Teco and CHy Session can be found at:

<https://c.connectedviews.com/01/WMOPublic>



WMO Vision and Strategy for Hydrology

CHy Recommends to Congress

- A series of long term ambitions for the operational hydrological community identified by the EC Task Force on Water, which should be considered a contribution to the future Plan of Actions and initial input to future WMO strategic plans.
 - 1) No one is surprised by a flood.....
 - 2) Everyone is prepared for drought....
 - 3) Hydro-climate and meteorological data support the food security agenda....
 - 4) High quality data supports science, operational hydrology and their products....
 - 5) Science provides a sound basis for operational hydrology....
 - 6) We know the water resources of our world....
 - 7) Sustainable development is supported by hydrological information....
 - 8) Water quality is known....

WMO Vision and Strategy for Hydrology

CHy Recommends to Congress

- To Task Regional Associations and their Hydrological Working Groups to prepare Plan of Action for Extraordinary Session of Congress in 2021, taking into account the localized structure of hydrological phenomena as well as at basin level. Objective of Plan is to strength operational hydrological services and capabilities of national service providers to support better water resources decision-making, and to address the recommendations of the EC Task Force on Water.

WMO Vision and Strategy for Hydrology

Other CHy Recommendations

- Congress approve the "Definition of operational hydrology"...
- The Secretary-General explores means of enhancing the WMO brand by highlighting WMO's role and partnerships in operational hydrology and its importance to addressing international water challenges;
- Congress produce a Declaration, consistent with the roles and responsibilities of WMO, that reinforces the importance of operational hydrology and hydrological services to address global water challenges, for presentation at the Extraordinary Congress in 2021;
- Executive Council evaluate the advantages and disadvantages of a Protocol according to WMO regulations related to one or more of the long term ambitions for presentation at the Extraordinary Congress in 2021.

Integration of Hydrological Activities into New WMO Structure

Recommends to Congress

- To consider the following decision criteria for integrating hydrological activities into the new WMO structure:
 - An adequate and appropriate representation and participation of hydrologists in all Constituent Bodies of WMO;
 - A coordination function of operational hydrological activities along the value chain as well as across relevant scales;
 - Integration of hydrology with the other earth-system sciences in all relevant WMO structures and activities, including Technical Commissions, Regional Associations, research activities, infrastructure and information management, as well as the provision of any related services;

Integration of Hydrological Activities into New WMO Structure

Recommends to Congress

- Adequate mechanisms that facilitate the effective establishment of partnerships that benefit the WMO hydrological Community, especially with a view to enhance operational capacity at national and regional levels;
- Effective coordination of ongoing initiatives such as the Global Hydrological Status and Outlook System (HydroSOS), the World Water Data Initiative and the Quality Management Framework – Hydrology (QMF-H)

Integration of Hydrological Activities into New WMO Structure Recommends Further to Congress

- Amend Regulation 30(b) to read, “In each session of Congress an open committee of Congress is convened, entitled the **WMO Hydrological Assembly**, attended as a rule by the Hydrological Adviser as designated by the Member and representatives of National Hydrological Services or other national hydrological agencies as designated by Members,” to provide advice to Congress on strategic decisions related to operational hydrological issues;
- WMO hydrological activities are integrated by constituting a **joint Working Group of Congress and Executive Council** to support integrated delivery of WMO water-related activities between Sessions of Congress and undertake preparatory work for future meetings of the Assembly, as well as support and advise the EC Technical Coordination Committee and Regional Associations;

Integration of Hydrological Activities into New WMO Structure

Recommends Further to Congress

- Regulation 6(b) is modified to “Each Member shall appoint a Hydrological Adviser who preferably should be the Director of the respective National Hydrological Service, or other national hydrological agency, and should advise the Permanent Representative with respect to WMO activities in operational hydrology and its application to water management. The Member shall notify the Secretary-General of such appointments. The Hydrological Adviser will serve as the focal point for technical matters relating to operational hydrology and its application to water management;
- Take specific steps to ensure the proper representation of the hydrological community in WMO activities.

Take Away Message

- These Recommendations to Congress represent a balance between the benefits of integration and specific hydrological needs.
- **If approved** these Recommendations from CHy to Congress represent a significant opportunity for WMO to strengthen its role in the water area and the support it provides to NHSs.
- Congress (in June 2019) will take the final decision.
- **It is very important that national delegations to Congress are aware of the hydrological community's needs and recommendations.**



Thank you



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