



United Nations  
Educational, Scientific and  
Cultural Organization

2<sup>nd</sup> Extraordinary Session of the Intergovernmental Council of IHP

30 November – 1 December 2020 (12:00-16:00)

# The preparatory process of the 2<sup>nd</sup> order draft of the IHP-IX Strategy

**Abou Amani**

**Director a.i. of the Division of Water Sciences**

**Secretary a.i. of the Intergovernmental Hydrological Programme**



United Nations  
Educational, Scientific and  
Cultural Organization



International  
Hydrological  
Programme



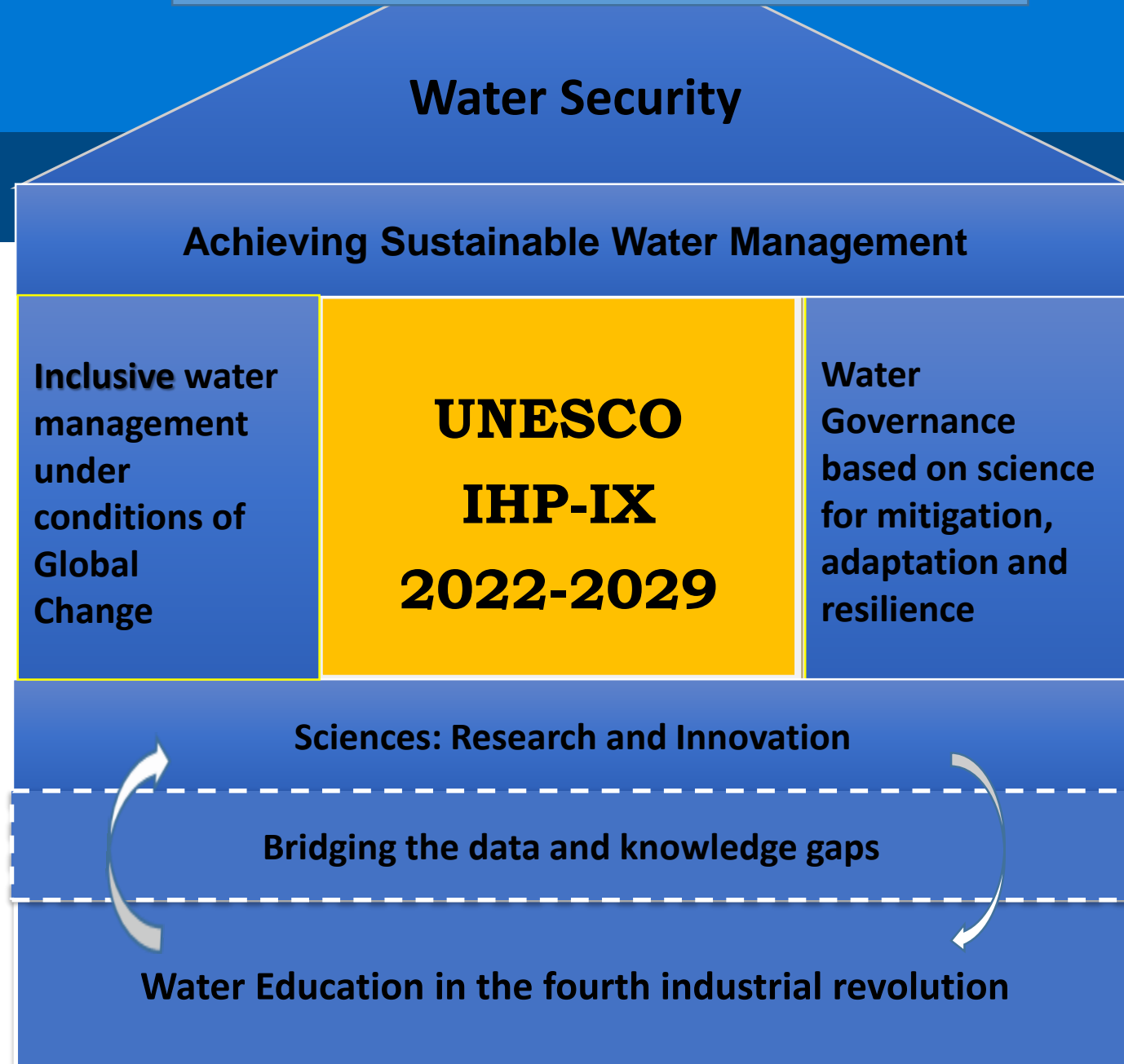
United Nations  
Educational, Scientific and  
Cultural Organization

SDGs, Paris Agreement, Sendai  
Framework

## IHP-IX Preparation

### Process

- Task Force: 6 Young Professionals from 6 Regional Groups
- Experts of Member States: 36 professionals from 6 Regional Groups
- Secretariat facilitates the consultation with the UNESCO Water Family

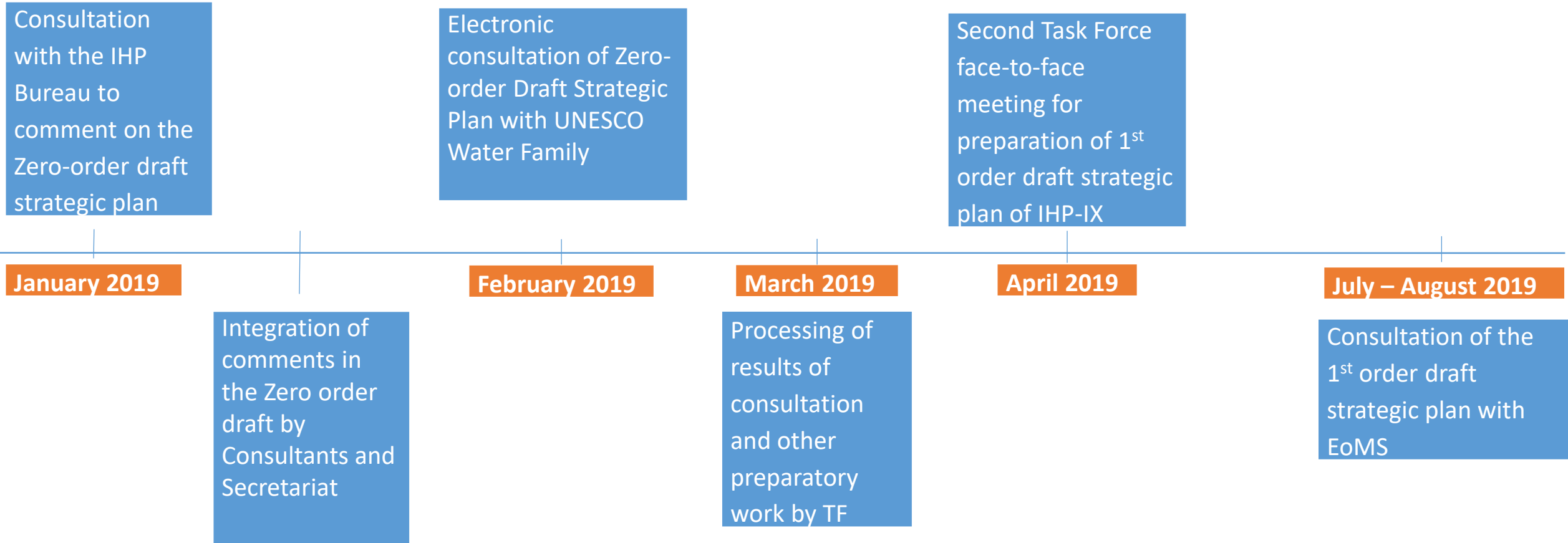


# Timeline for the preparation of the Strategic Plan for IHP-IX (2022-2029) 2018-2019

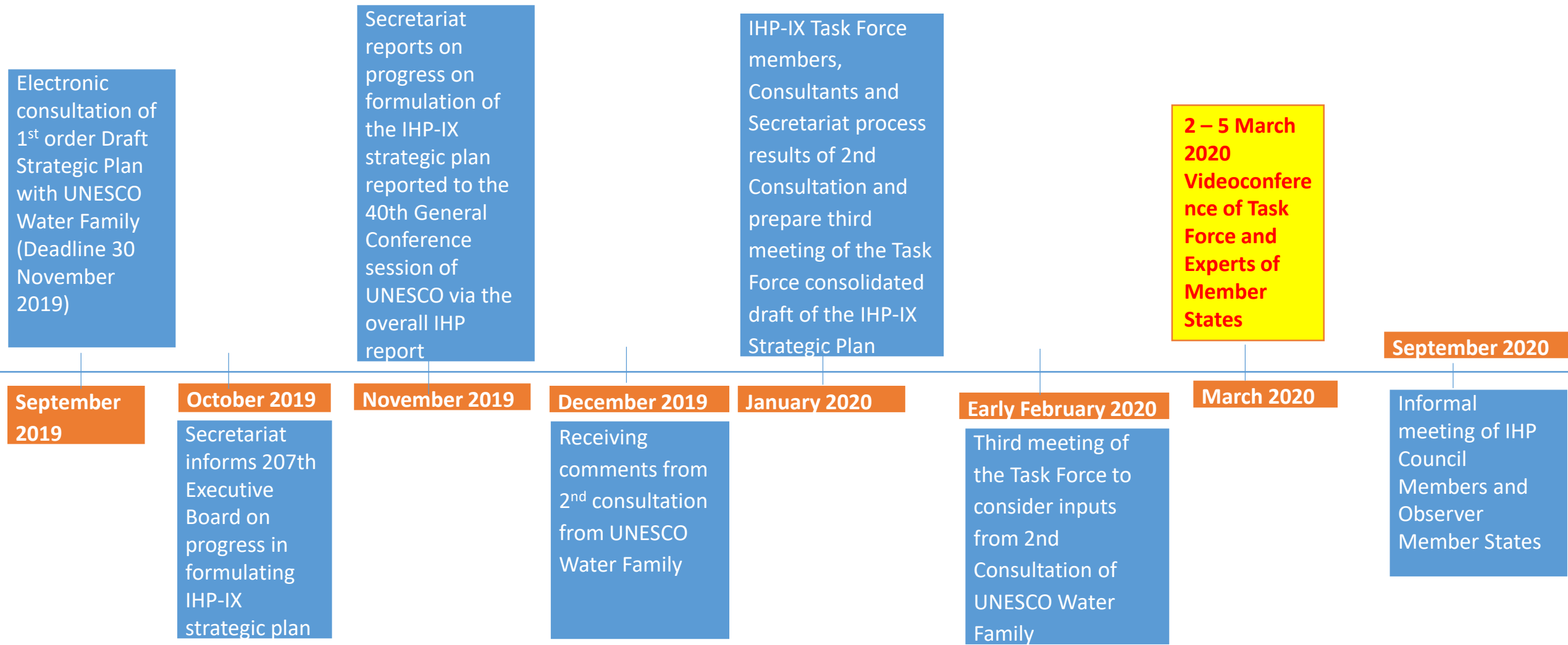


United Nations  
Educational, Scientific and  
Cultural Organization

Intergovernmental  
Hydrological  
Programme



# Timeline for the preparation of the Strategic Plan for IHP-IX (2022-2029) 2019-2020





## IHP-IX Strategic Plan: Table of Contents

- 1. Preamble**
- 2. Global water challenges and opportunities**
  - a. Global Water Challenges**
  - b. Opportunities**
- 3. Global Water Landscape: framework and global agendas**
- 4. UNESCO's comparative advantage**
- 5. IHP's response**
- 6. IHP-IX Vision**
- 7. IHP-IX Mission**





## IHP-IX Strategic Plan: Table of Contents

### 8. IHP-IX Strategic Objectives, Outcome & Priority Areas

#### a. Results Chain

#### b. Priority Areas

- i. Scientific research and innovation
- ii. Water Education in the Fourth Industrial Revolution
- iii. Bridging the data-knowledge gap
- iv. Inclusive water management under conditions of global change
- v. Water Governance based on science for mitigation, adaptation and resilience

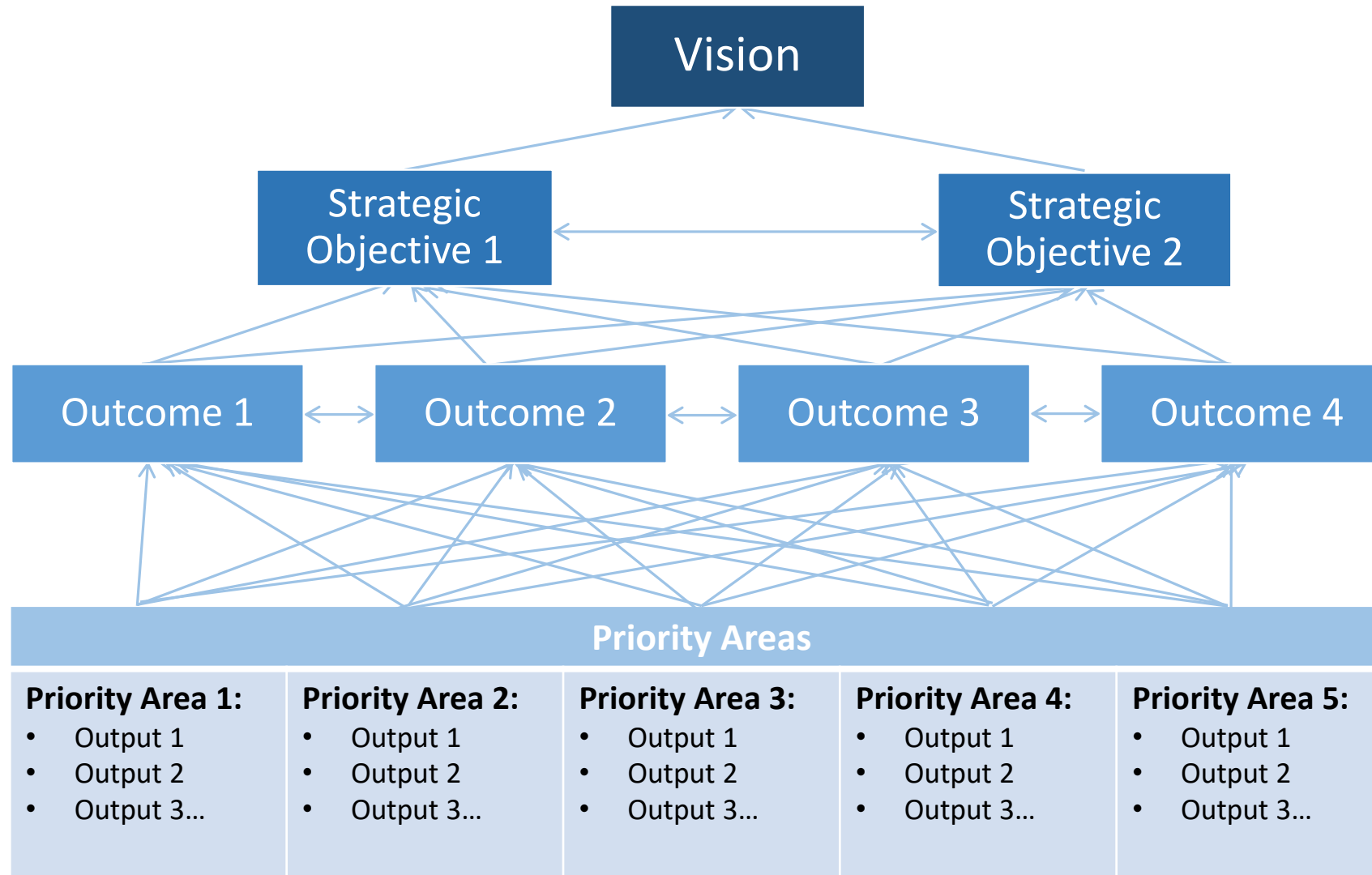
#### c. Strengthening the capacities of UNESCO Water Family members

### 9. Partnerships

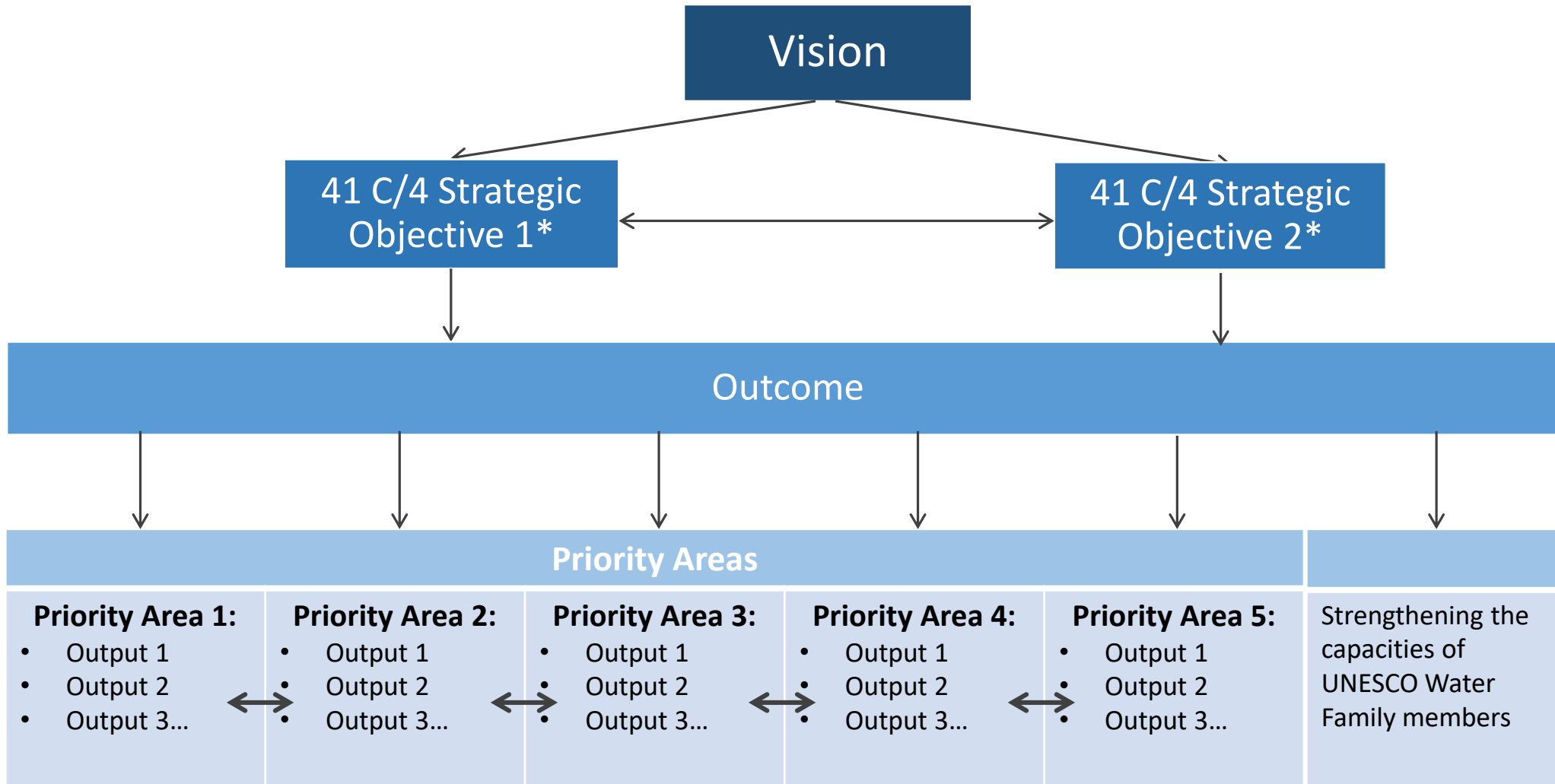
### 10. Outreach and Communication



# Results Chain for IHP-IX initially proposed



# Revised Results Chain for IHP-IX



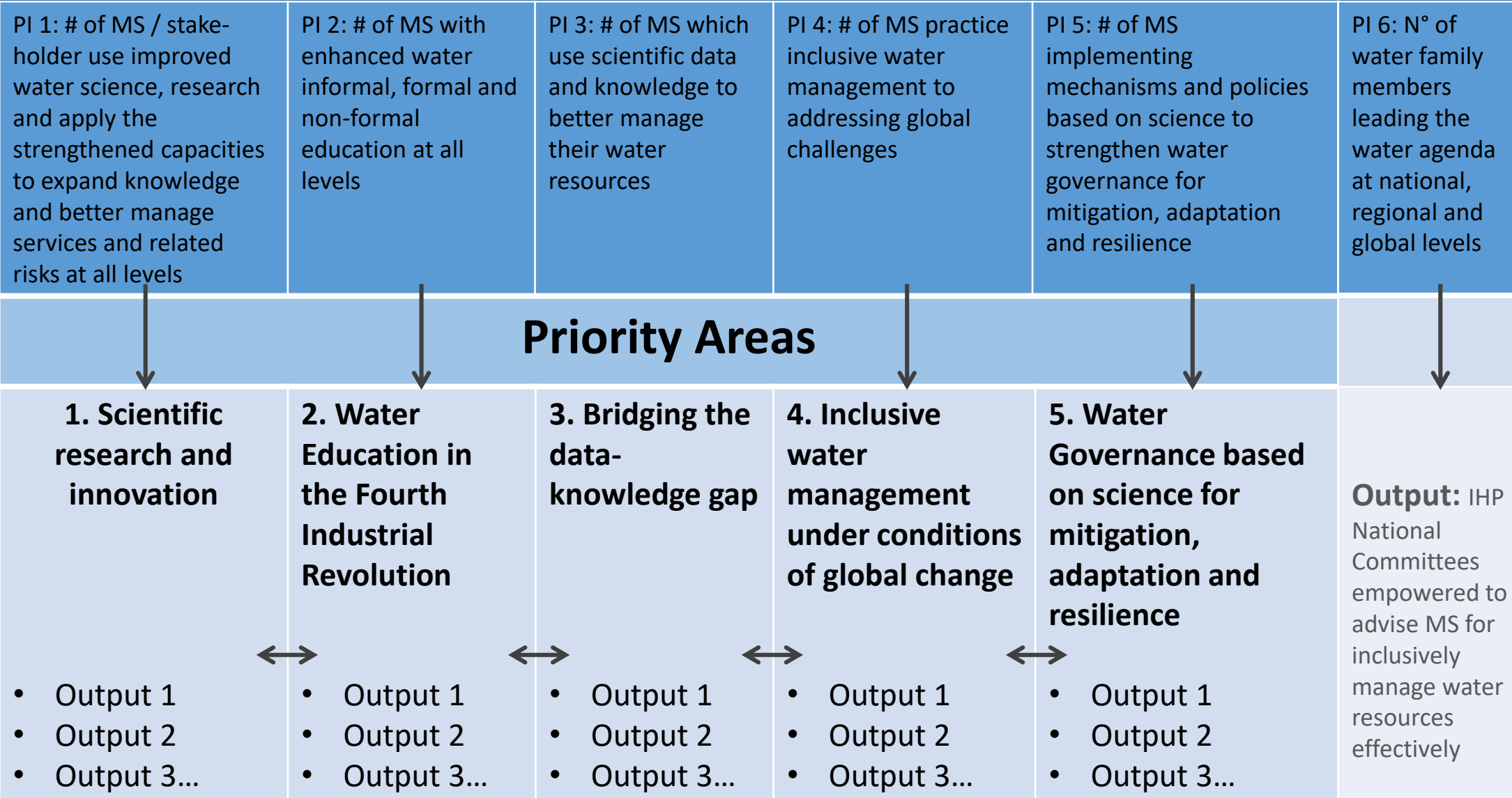
\* As per Director-General Preliminary Proposals for Draft 41 C/4 and Draft 41 C/5 [210 EX/22](#)





# Priority Areas at the Centre IHP-IX Results Chain

**Outcome:**  
Member States practice inclusive and evidence-based water governance and management based on improved scientific data, research, knowledge, capacities and science-policy-society interfaces towards sustainable resilient societies



	OUTPUT BEFORE	REVISED OUTPUT
<b>Priority Area 1</b>	Scientific knowledge, methodologies and tools in addressing water related disasters such as flood and drought enhanced for timely forecasting.	Scientific knowledge, methodologies and tools in addressing water related disasters such as flood and drought <b>elaborated and/or enhanced</b> towards timely forecasting
<b>Priority Area 2</b>	Water education formal, non-formal and informal, for children and young people enhanced enabling a better understanding of the importance of water in their lives and in their communities	<b>Teaching and learning material on water related matters for</b> formal, non-formal and informal education <b>at all levels elaborated</b> towards a better understanding of the importance of water in peoples lives and communities
<b>Priority Area 3</b>	Data on water quantity, quality and use are available, accessible, comparable and validated in a format easy to understand and utilized by all users on open access databases	Data on water quantity, quality and use are available, accessible, comparable and validated in a format easy to understand by all users on open access databases
<b>Priority Area 4</b>	Capacities enhanced and acceptance improved on non-conventional Water Resources (NCWRs) such as wastewater reuse, desalination and rainwater harvesting as an important underpinning of Water Cycle Management	Capacities <b>of local, regional and national decision-makers enhanced</b> on non-conventional Water Resources (NCWRs) such as wastewater reuse, desalination and rainwater harvesting as an important underpinning of Water Cycle Management
		Acceptance <b>by societies enhanced</b> on non-conventional Water Resources (NCWRs) such as wastewater reuse, desalination and rainwater harvesting as an important underpinning of Water Cycle Management
<b>Priority Area 5</b>	Water governance legal, policy and institutional frameworks assessed and proposals for their improvement made to ensure that they are context-dependent, location-based, reflecting adaptation to climate change and IWRM integrating both surface water and groundwater	Water governance legal, policy and institutional frameworks assessed <b>and recommendations presented</b> to ensure that they are context-dependent, location-based, reflecting adaptation to climate change and IWRM integrating both surface water and groundwater

# Results Chain for IHP-IX



United Nations  
Educational, Scientific and  
Cultural Organization

## Vision

The vision of IHP is a water secure world where people and institutions have adequate capacity and scientific knowledge for informed decisions on water management and governance to attain sustainable development and to build resilient societies

41 C/4 proposed Strategic Objective 1\*: Reduce inequalities and promote learning and creative societies in the digital age through quality education for all (\*DG PP 210 EX/22)

41 C/4 proposed Strategic Objective 2\*: Work towards sustainable societies by preserving the environment through the promotion of science, technology and the natural heritage (\*DG PP 210 EX/22)

Outcome 1: Member States practice inclusive and evidence-based water governance and management based on improved scientific data, research, knowledge, capacities and science-policy-society interfaces towards sustainable resilient societies

## Priority Areas

### 1. Scientific research and innovation

**Output:** Scientific knowledge, methodologies and tools in addressing water related disasters such as flood and drought elaborated and/or enhanced towards timely forecasting

**Output:** ...

### 2. Water Education in the Fourth Industrial Revolution

**Output:** Teaching and learning material on water related matters for formal, non-formal and informal education at all levels elaborated towards a better understanding of the importance of water in lives and communities

**Output:** ...

### 3. Bridging the data-knowledge gap

**Output:** Data on water quantity, quality and use are available, accessible, comparable and validated in a format easy to understand by all users on open access databases

**Output:** ...

### 4. Inclusive water management under conditions of global change

**Output:** Capacities of local, regional and national decision-makers enhanced on non-conventional Water Resources (NCWRs) such as wastewater reuse, desalination and rainwater harvesting as an important underpinning of Water Cycle Management

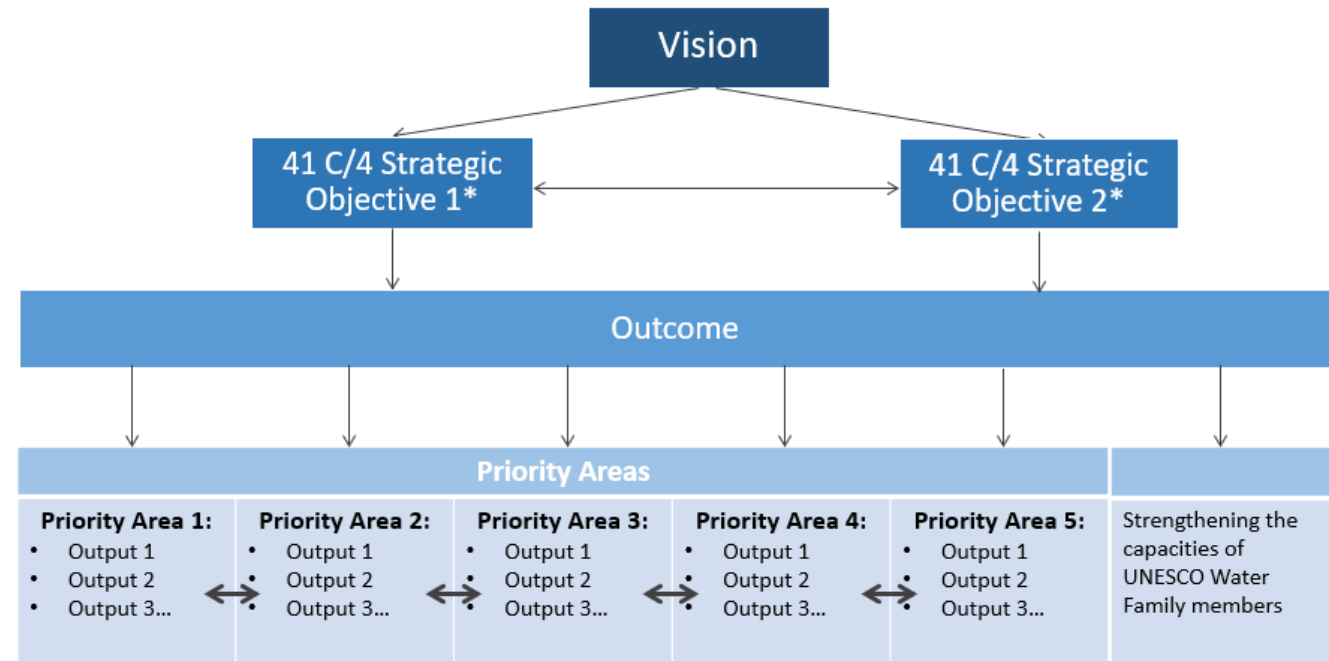
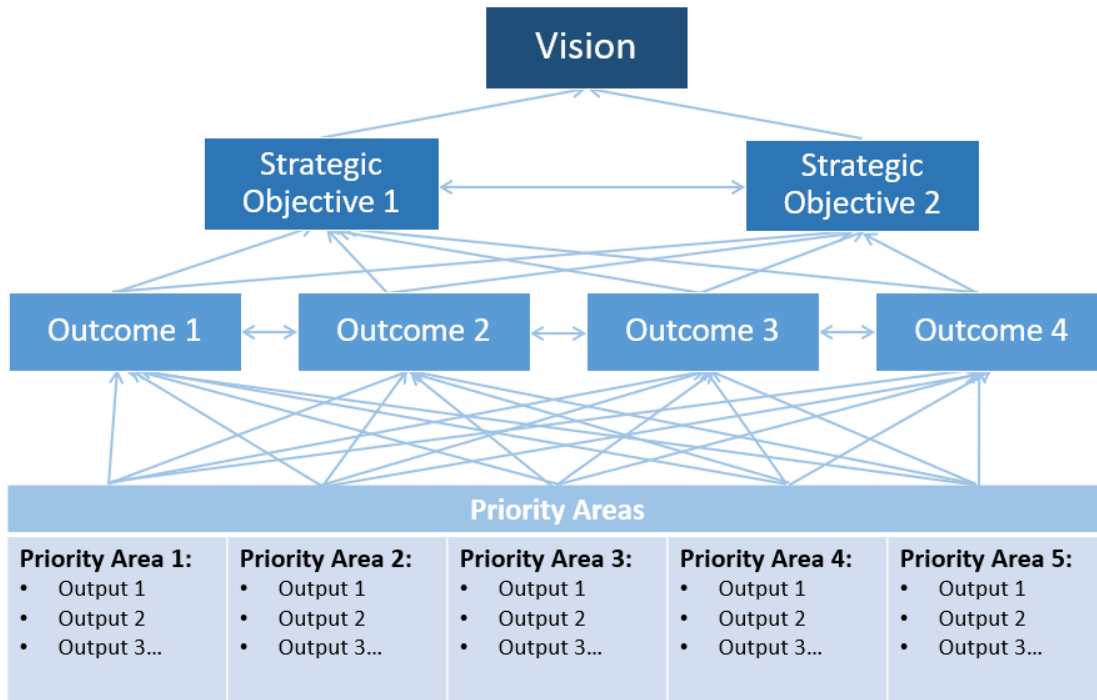
**Output:** ...

### 5. Water Governance based on science for mitigation, adaptation and resilience

**Output:** Water governance legal, policy and institutional frameworks assessed and recommendations presented to ensure that they are context-dependent, location-based, reflecting adaptation to climate change and IWRM integrating both surface water and groundwater

**Output:** ...

# Results Chain for IHP-IX: Before/Revised



# Timeline for the preparation of the Strategic Plan for IHP-IX (2022-2029) 2020-2021

