

WMO Overview and Strategic Planning



WMO OMM

World Meteorological Organization

Organisation météorologique mondiale

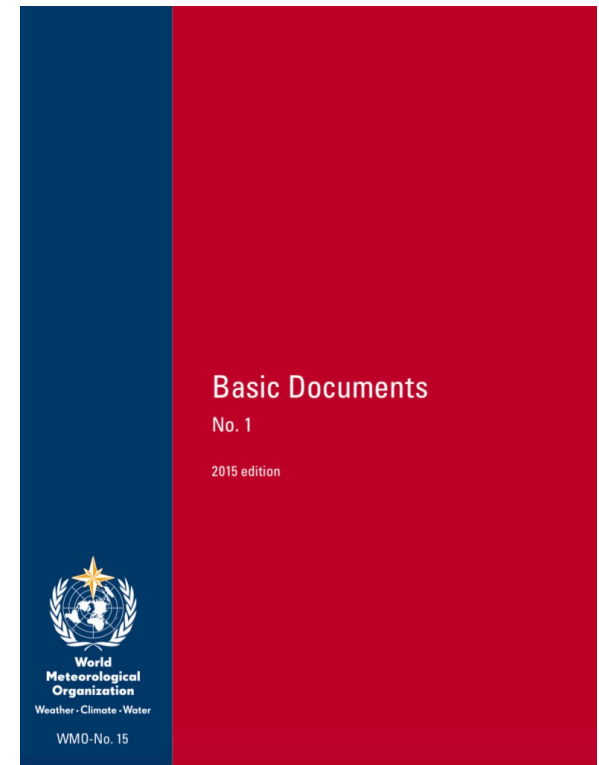


WMO Convention

ARTICLE 2

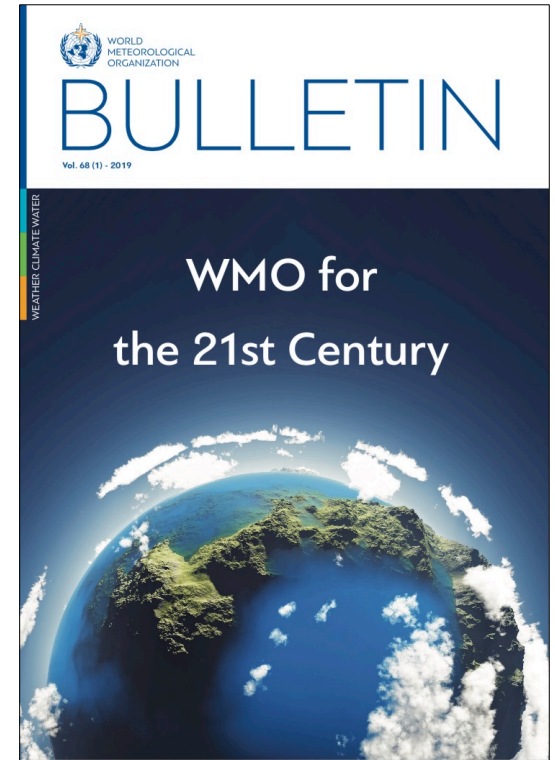
Purposes

- (a) To facilitate worldwide cooperation in the establishment of networks of stations for the making of meteorological observations as well as hydrological and other geophysical observations related to meteorology, and to promote the establishment and maintenance of centres charged with the provision of meteorological and related services;
- (b) To promote the establishment and maintenance of systems for the rapid exchange of meteorological and related information;
- (c) To promote standardization of meteorological and related observations and to ensure the uniform publication of observations and statistics;
- (d) To further the application of meteorology to aviation, shipping, water problems, agriculture and other human activities;
- (e) To promote activities in operational hydrology and to further close cooperation between Meteorological and Hydrological Services; and
- (f) To encourage research and training in meteorology and, as appropriate, in related fields and to assist in coordinating the international aspects of such research and training.

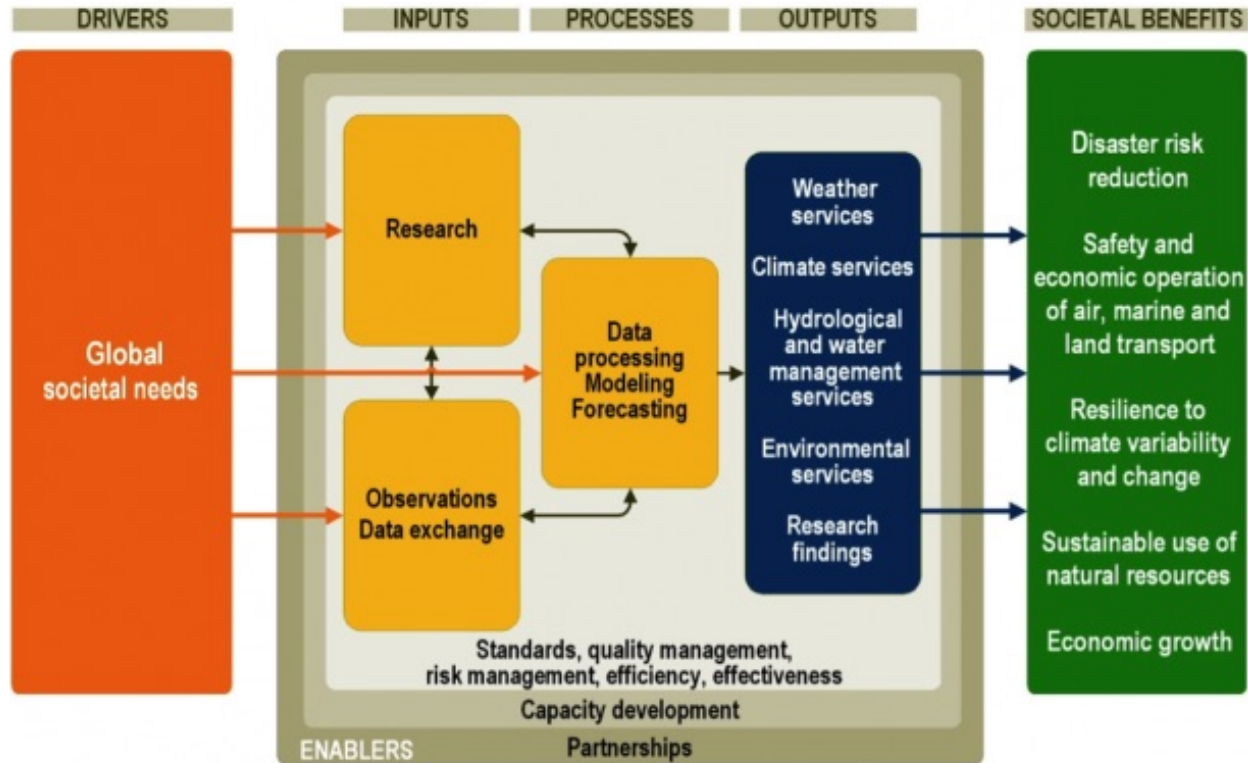


Modernization of WMO

- Adjusting to global risks
- Supporting WMO Members to adjust
- New strategic goals and aligning resources
- Modernizing WMO

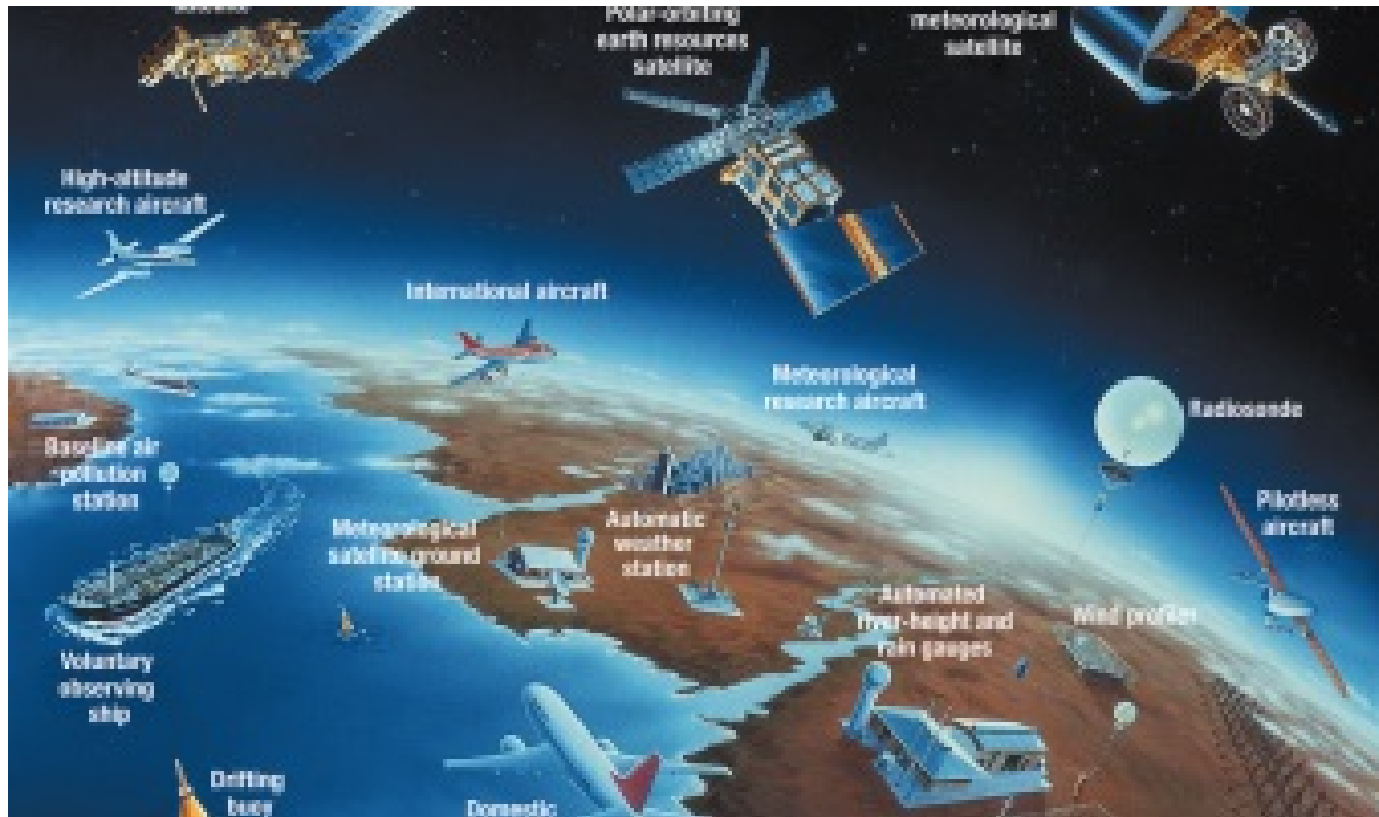


WMO Vision



By 2030, we see a world where all nations, especially the most vulnerable, are more resilient to the socioeconomic consequences of extreme weather, climate, water and other environmental events; and underpin their sustainable development through the best possible services, whether over land, at sea or in the air.

WMO Mission



Our Mission is to facilitate worldwide cooperation on monitoring and predicting changes in weather, climate, water and other environmental conditions through the exchange of data, information and services, standardisation, application, research and training.



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Overarching Priorities

- Enhancing preparedness and reducing loss of life, critical infrastructure and livelihood from hydro-meteorological extremes;
- Supporting climate-smart decision making to build or enhance adaptive capacity or resilience to climate risk;
- Enhancing socioeconomic value of weather, climate, hydrological and related environmental services.



Long Term Goal-1

Goal-1: Better serve societal needs: delivering, authoritative, accessible, user-oriented and fit-for-purpose information and services

- Objective 1.1: Strengthen national multi-hazard early warning/alert systems and extend reach to better enable effective response to the associated risks
- Objective 1.2: Broaden the provision of policy- and decision-supporting climate information and services
- Objective 1.3: Further develop services in support of sustainable water management
- Objective 1.4: Enhance the value and innovate the provision of decision-supporting weather information and services



Goal-1: Focus 2020-2023

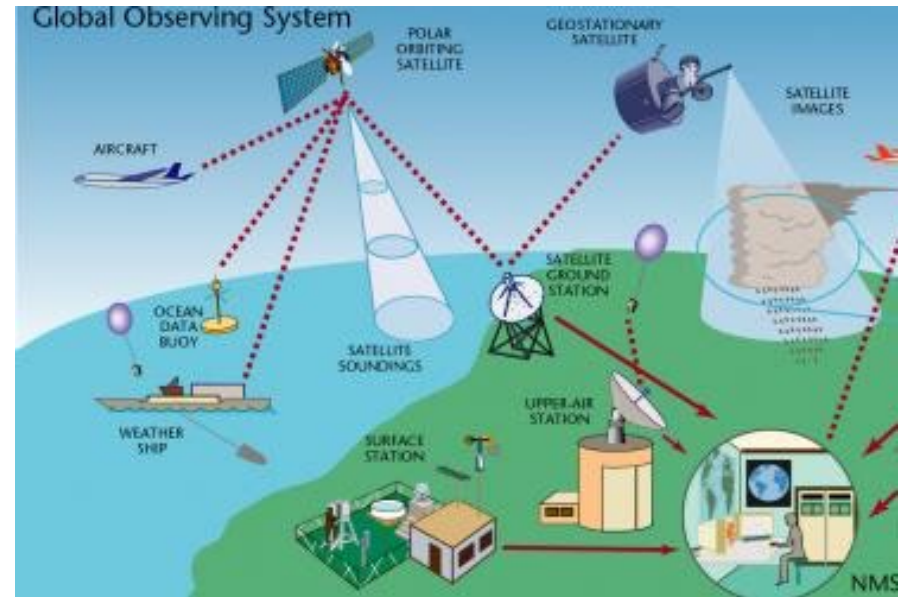
- 1.1 **Strengthen national multi-hazard early warning/alert systems** and extend reach to better enable effective response to the associated risks
- 1.2 Broaden the provision of **policy- and decision-supporting climate information and services**
- 1.3 Further develop **services** in support of **sustainable water management**
- 1.4 Enhance the value and innovate the provision of **decision-supporting weather information and services**



Long Term Goal-2

Goal-2: Enhance Earth system observations and predictions: Strengthening the technical foundation for the future

- Objective 2.1: Optimize the acquisition of Earth system observation data through the WMO Integrated Global Observing System (WIGOS)
- Objective 2.2: Improve and increase access to, exchange and management of current and past Earth system observation data and derived products through the WMO Information System
- Objective 2.3: Enable access and use of numerical analysis and Earth system prediction products at all temporal and spatial scales from the WMO seamless Global Data Processing and Forecasting System



Goal-2: Focus 2020-2023

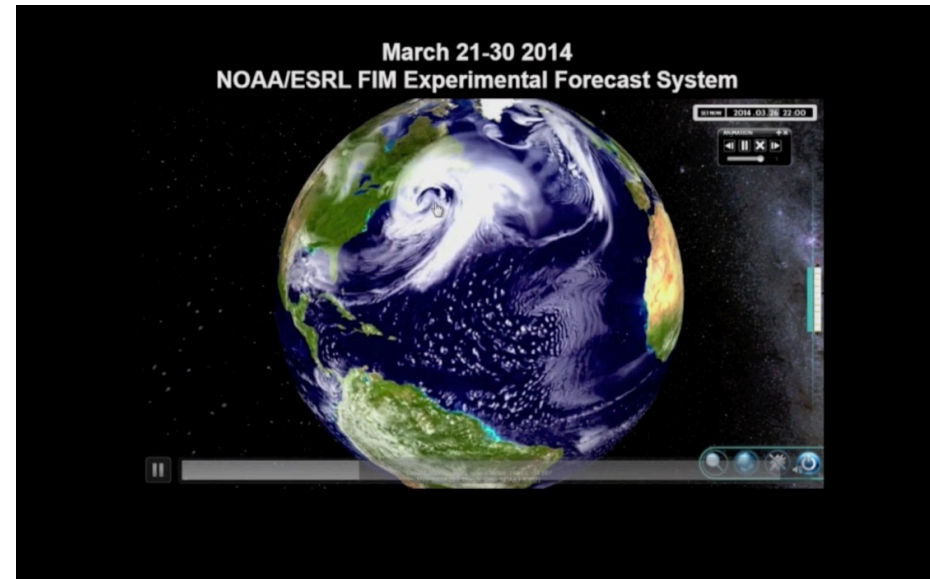
- 2.1 Optimize the **acquisition of observation data** through the WMO Integrated Global Observing System
- 2.2 Improve and increase **access to, exchange and management of current and past Earth system observation data and derived products** through the WMO Information System
- 2.3 Enable **access and use of numerical analysis and prediction products** at all temporal and spatial scales from the WMO seamless Global Data Processing and Forecast System



Long Term Goal-3

Goal-3: Advance targeted research: Leveraging leadership in science to improve understanding of the Earth system for enhanced services

- Objective 3.1: Advance scientific knowledge of the Earth system
- Objective 3.2: Enhance the science-for-service value chain ensuring scientific and technological advances improve predictive capabilities
- Objective 3.3: Advance policy-relevant science



Goal-3: Focus 2020-2023

- 3.1 **Advance scientific knowledge of the Earth system**
- 3.2 Enhance the **science-for-service value chain** ensuring scientific and technological advances **improve predictive capabilities**
- 3.3 **Advance policy-relevant science**



Long Term Goal-4

Goal-4: Close the capacity gap on weather, climate, hydrological and related environmental services: Enhancing service delivery capacity of developing countries to ensure availability of essential information and services needed by governments, economic sectors and citizens

- Objective 4.1: Address the needs of developing countries to enable them to provide and utilize essential weather, climate, hydrological and related environmental services
- Objective 4.2: Develop and sustain core competencies and expertise
- Objective 4.3: Scale-up effective partnerships for investment in sustainable and cost-efficient infrastructure and service delivery



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Goal-4: Focus 2020-2023

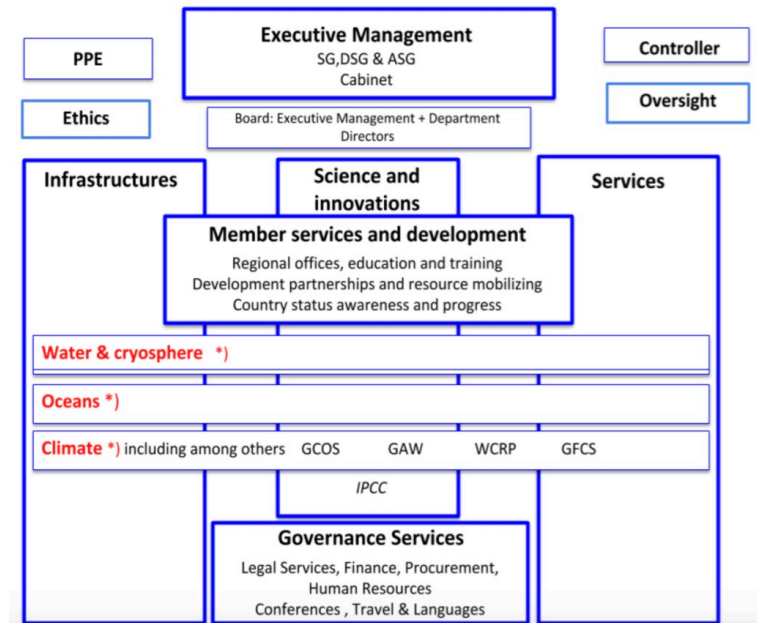
- 4.1 **Address the needs of developing countries** to enable them to provide and utilize essential weather, climate, hydrological and related environmental services
- 4.2 **Develop and sustain core competencies and expertise**
- 4.3 **Scale-up effective partnerships for investment** in sustainable and cost-efficient infrastructure and service delivery



Long Term Goal-5

Goal-5: Strategic realignment of WMO structure and programmes for effective policy- and decision-making and implementation

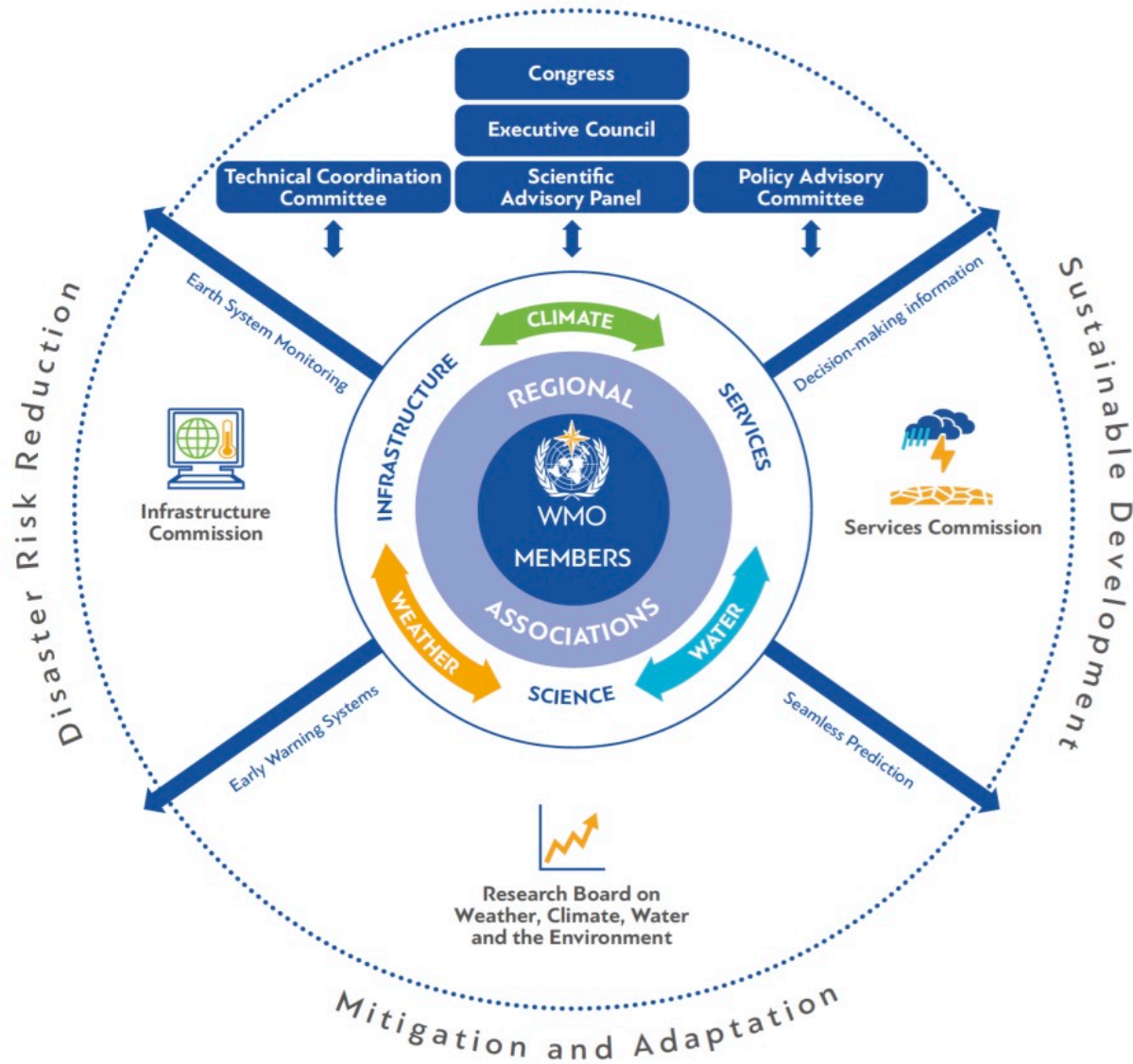
- Objective 5.1: Optimize WMO constituent body structure for more effective decision-making
- Objective 5.2: Streamline WMO programmes
- Objective 5.3: Advance equal, effective and inclusive participation in governance, scientific cooperation and decision-making



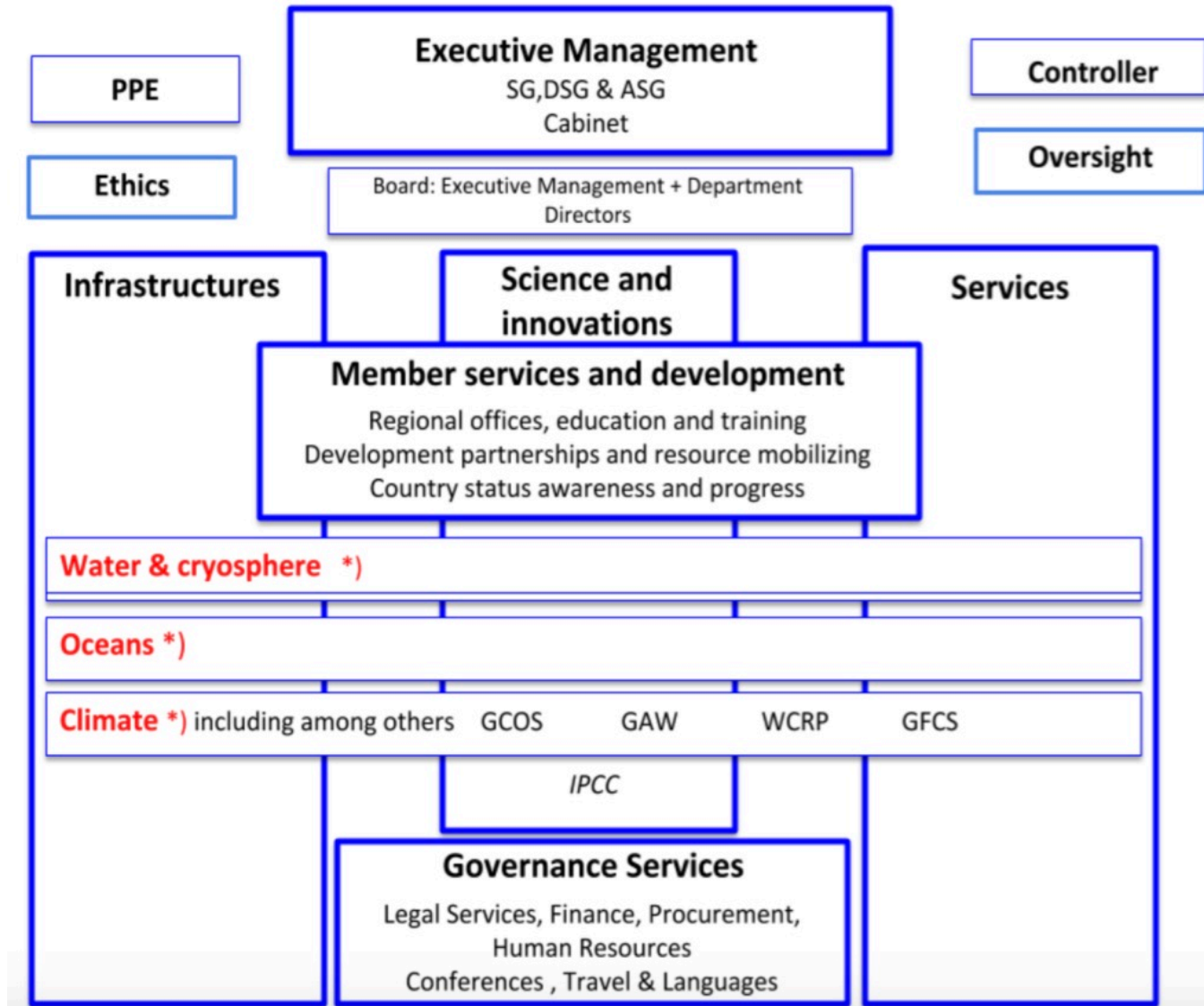
Goal-5: Focus 2020-2023

- 5.1 **Optimize WMO constituent body structure** for more effective decision-making
- 5.2 **Streamline WMO programmes**
- 5.3 **Advance equal, effective and inclusive participation** in governance, scientific cooperation and decision-making

WMO Structure



New Secretariat Structure



*) Time limited programs with semiannual milestones, led by a coordinator



WMO Member Services

Member services and development

Regional offices, education and training
Development partnerships and resource mobilizing
Country status awareness and progress



WMO Education and Training Programme



Thank you Merci



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