

MAKE OUR PLANET GREAT AGAIN

ONE PLANET : ONE OCEAN
From Science to Solutions



9 July 2018, 15:00-17:00
Meeting EMB/DGMARE

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The Ocean We Need For the Future We Want

INTERNATIONAL CONTEXT

- **UNITED NATIONS**
The UN has Launched the SDGs for 2030. 60% of which concern the Oceans. The United Nations has proclaimed a Decade of Ocean Science for Sustainable Development (2021-2030) – 6 December 2017. The UNGA mandated IOC of UNESCO to coordinate the Decade's preparatory process.
- **G7**
20 May 2016, G7 Science and Technology Ministers reaffirm the Future of the Oceans as a Key Priority. 2018, G7 Public Engagement Paper – Working Together on Climate Change, Oceans and Clean Energy
- **L'OECD: Ocean Economy and Innovation 2030.**
The OECD has launched an original programme of work on the ocean economy and innovation. The Ocean Economy in 2030 report explores the growth prospects for the ocean economy, its capacity for future employment creation and innovation, and its role in addressing global challenges



Ocean health is central to global sustainable development



60% of the 17 SDG Targets are related to the OCEANS

- **SDG14 – Life Below Water**
Conserve and sustainably use the oceans, seas and marine resources
- **Ocean Resources**
No Poverty (SDG 1) ; Zero Hunger (SDG 2) ; Economic Growth (SDG 8) ; Energy (SDG 7) ; Innovation & Infrastructures (SDG 9) ; Responsible Consumption & Production (SDG 12)
- **Ocean Regulator**
Clean Water (SDG 6) ; Good Health & Well-Being (SDG 3) ; Climate (SDG 13)
- **Land-Sea**
Clean Water (SDG 6)
- **Ocean Governance**
Peace & Justice (SDG 16); Partnership (SDG 17)



There is no internationally-agreed methodology for estimating the economic value of services the ocean provides to humankind.

Science cannot yet meaningfully evaluate the cumulative impacts of climate change, marine pollution and other anthropogenic stresses on the health of the ocean ecosystem.

For 99% of habitable marine areas we lack the basic biodiversity knowledge we require for effective management.

Ocean Facts & Knowledge Gaps

Only 5% of the ocean floor has been mapped and only 1% of this mapped area has been gridded at high resolution.

103 million square miles of the deep sea exists in perpetual darkness and up to a million marine species could still be unknown to science.

Only 3 humans have explored the deepest known point of the ocean.



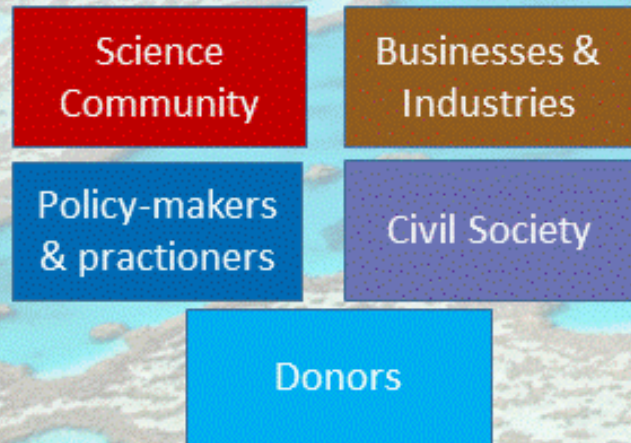
The UN Decade of Ocean Science for Sustainable Development (2021-2030)

- All major international assessments find that much of the ocean is now seriously degraded,
- There is an increasingly urgent need to find scientific solutions that allow us to understand the changes taking place in our ocean, and to reverse the declining health of our planet's largest ecosystem.
- To achieve Sustainable Development Goal 14, the UN Decade of Ocean Science seeks to transform and bolster the way in which the scientific community, governments, civil society, and the UN System coordinate their actions toward "conserving and sustainably using the oceans, seas and marine resources for sustainable development".
- The Decade will act to fill major gaps in our knowledge of the ocean and ability to sustainably manage its resources.

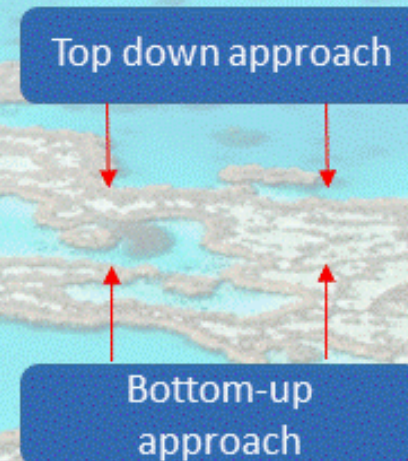


Key principles of the Decade

Inclusive & transformative



A Two-way process, regionally driven





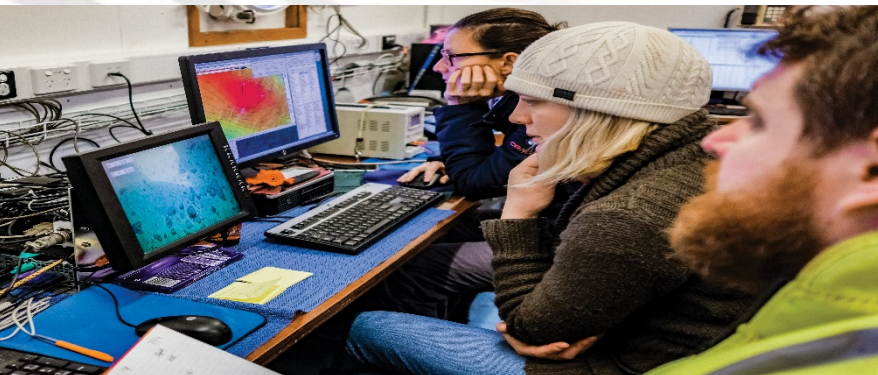
A Clean Ocean

Sources of pollution are identified, quantified and reduced, and pollutants removed from the Ocean.



A healthy and resilient Ocean

Marine ecosystems are mapped and protected, multiple impacts, including climate change, are measured and reduced, and the provision of Ocean ecosystem services is maintained.



A predicted Ocean

Society has the capacity to understand current and future Ocean conditions, forecast their change and impact on human wellbeing and livelihoods.





A safe Ocean

Human communities are protected from ocean hazards and the safety of operations at sea and on the coast is guaranteed.

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A Sustainable Productive Ocean

The provision of food supply and alternative livelihoods are secured.

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A transparent and accessible Ocean





All nations, stakeholders and citizens have access to ocean data and information, technologies, and are capable of making informed decisions.

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Commission
Européenne

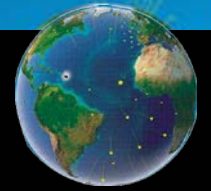
The United Nations Decade of Ocean Science for Sustainable Development (2021-2030)

HOW TO GET INVOLVED?

- A **Call for Expression of Interest** was launched in May 2018 (Circular Letter 2722)
-  Contribute to the Planning Process
-  Host and organize events
-  Provide staff and/or financial support
-  **Communicate about the Decade**



MINISTÈRE
DE L'ENSEIGNEMENT SUPÉRIEUR,
DE LA RECHERCHE
ET DE L'INNOVATION





Strengthening All Oceans Research Cooperation For the Future We Want



United Nations
Educational, Scientific and
Cultural Organization



Intergovernmental
Oceanographic
Commission



Sustainable
Development
Goals