

IOCARIBE - XVI

Agenda item 4.1



United Nations
Educational, Scientific and
Cultural Organization



Intergovernmental
Oceanographic
Commission

IOC Medium- Term Strategy 2022-2029 + Recent Developments in IOC

Dr Vladimir Ryabinin

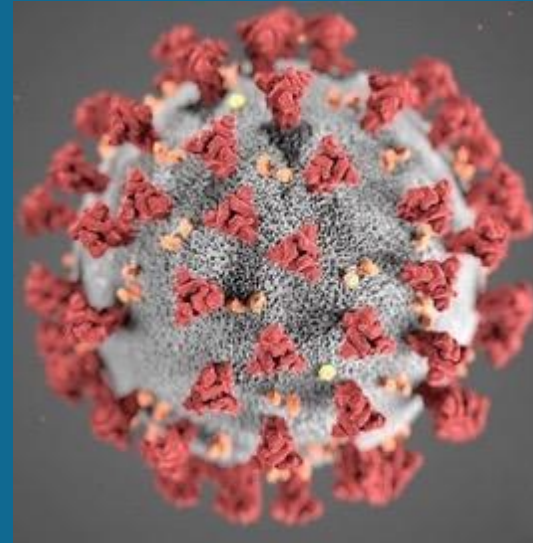
3 May 2021

July 2019 – May 2021: Key IOC Influencers



Decade

**High-Level Panel
for a Sustainable
Ocean Economy**



Covid-19

**Remedial actions
and course correction**



**UNESCO
Planning,
budgeting,
reporting to,
preparing for
GC-41**

IOC

- **IOC – 31st Assembly: 14-25 June 2021, online + in praesentia elections**
- Action Paper online, Executive Secretary Report imminent, more docs coming
- **Decade – coordination role, after leading the preparations**

IOC within UNESCO: Highlights

- Interest in the Decade
- **Strategic Positioning – IOS review to be presented to IOC-31**
- Cooperation with UNESCO Sectors:
SC (climate, hydrology, biodiversity, SIDS);
CLT (UCH), SHS (Ethics, AI), ED (OL)
- **New SIDS Unit in Science Sector + post in Kingston – relevant to IOCARIBE**

UNESCO

- **General Conference-41 – November 2021**
- **Medium Term Strategy – 2022-2029**
- **Strategic transformation including field network optimization**
- **Budget discussions, almost same envelope to expect, for UNESCO and IOC (UNESCO 523M\$ + 11.6 M\$ = 534.6M\$; IOC 10.874M\$ -> 11.236M\$)**
- **Global Priorities of Africa and Gender Equality remaining, focus on SIDS strengthening**

United Nations

- **Decade of Action for Sustainable Development**
- **Decade of Ecosystem Restoration (UNEP/FAO)**
- **UN – Oceans**
- **UN Conference of the Ocean – now 2022**
- **President of GA, meeting on 1 June on SDG 14**

IOC work on Functions – highlights only

E: contributions to 2030 Agenda and SDG 14, UN, UNFCCC + Paris Agreement, BBNJ, CBD, Sendai; Coastal zones, LME, ...

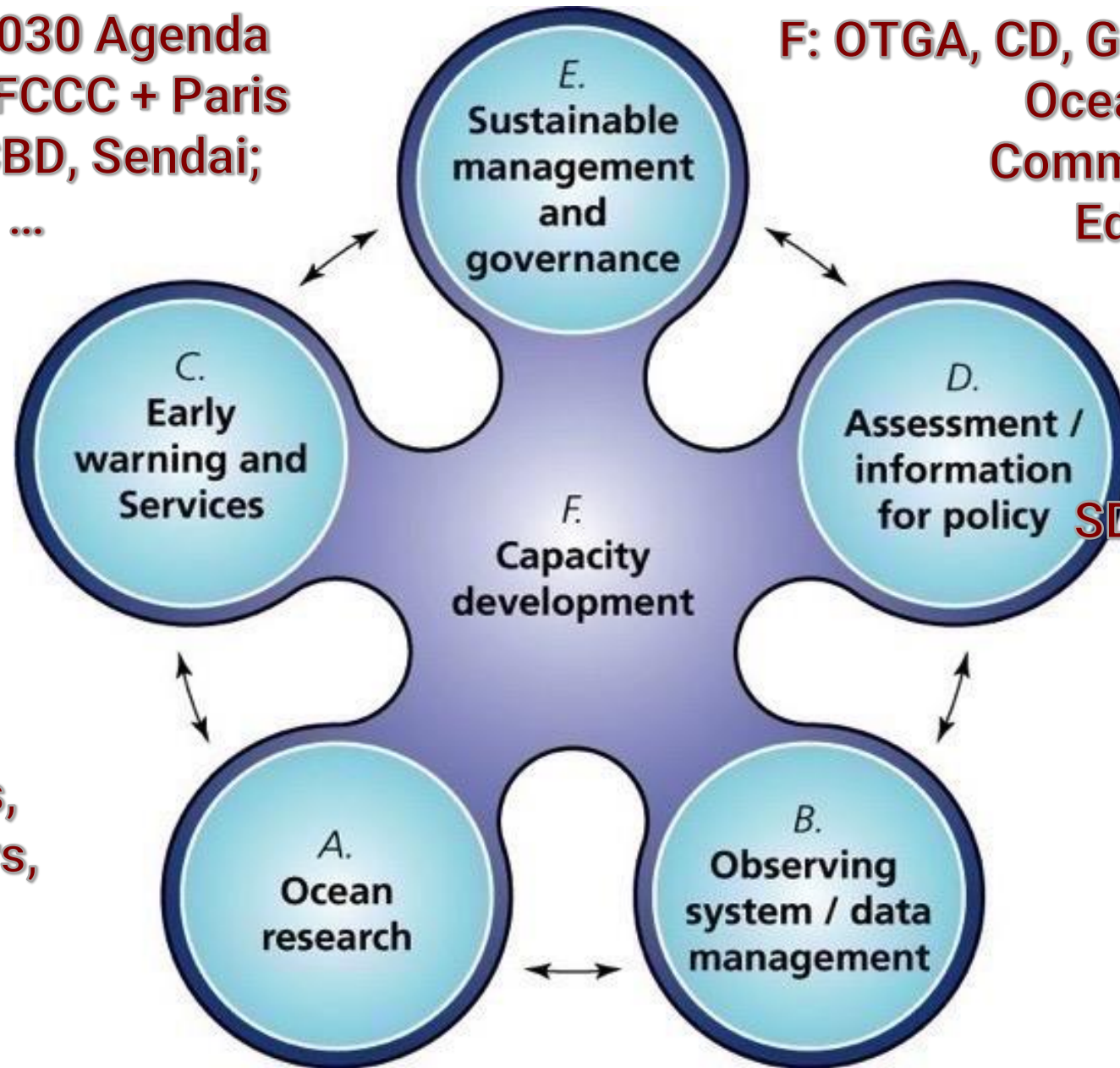
F: OTGA, CD, GOSR, TMT, Ocean literacy, Communication, Education, ...

C: Tsunami, HABs, Ocean Prediction and Services, WMO/IOC JCB, ...

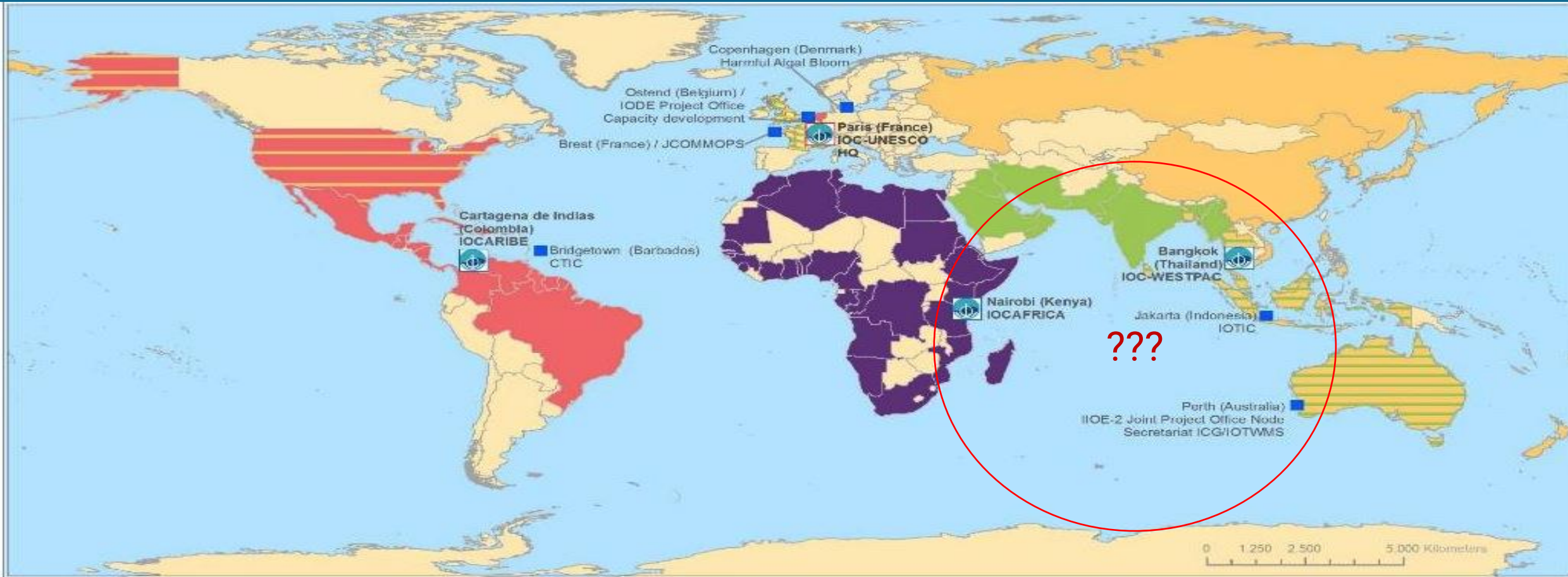
D: IPCC, WOA, IPBES, SDG 14.3, SDG 14.a, GEBCO, ...

A: IIOE-2, GOAON, GO₂NE, Time Series, TrendsPO, Stressors, Carbon, GESAMP, WCRP, ...

B: GOOS, GLOSS, IODE, OBIS, ...



IOC work in the regions (IOCINDIO transformation process)



IOC-UNESCO/MPR, 2016

The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by the IOC-UNESCO.





Existing and Emerging Components of IOC Work



**Science for
Integrated
Ocean
Management**

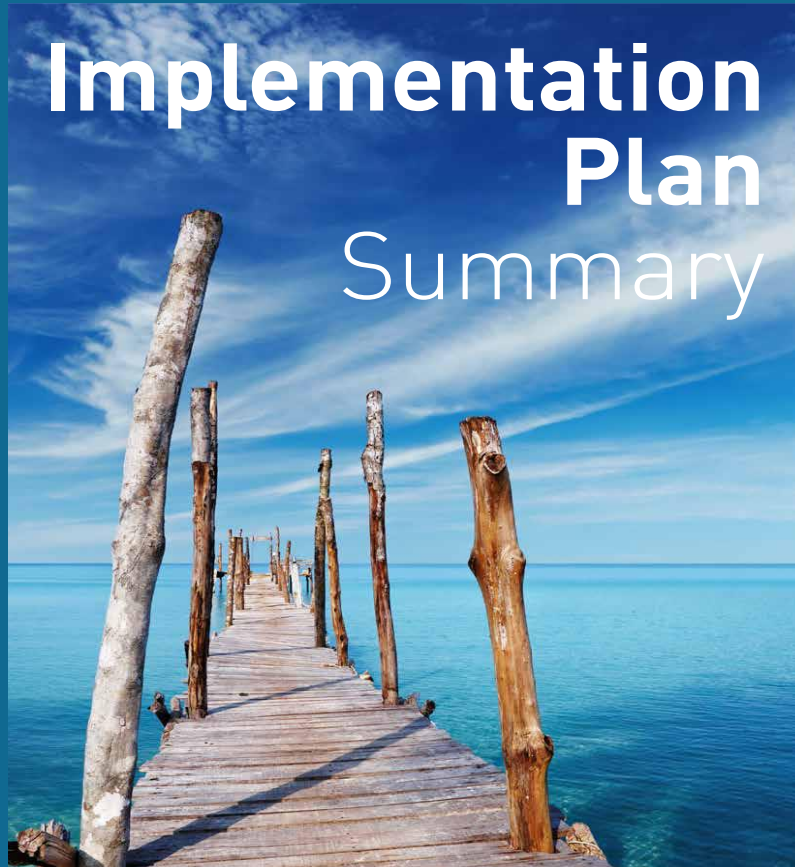
These factors will keep shaping the future of IOC work



GENERAL ASSEMBLY OF THE UNITED NATIONS



Proposal for an International
Decade of Ocean Science for
Sustainable Development
(2021-2030)



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



Vision

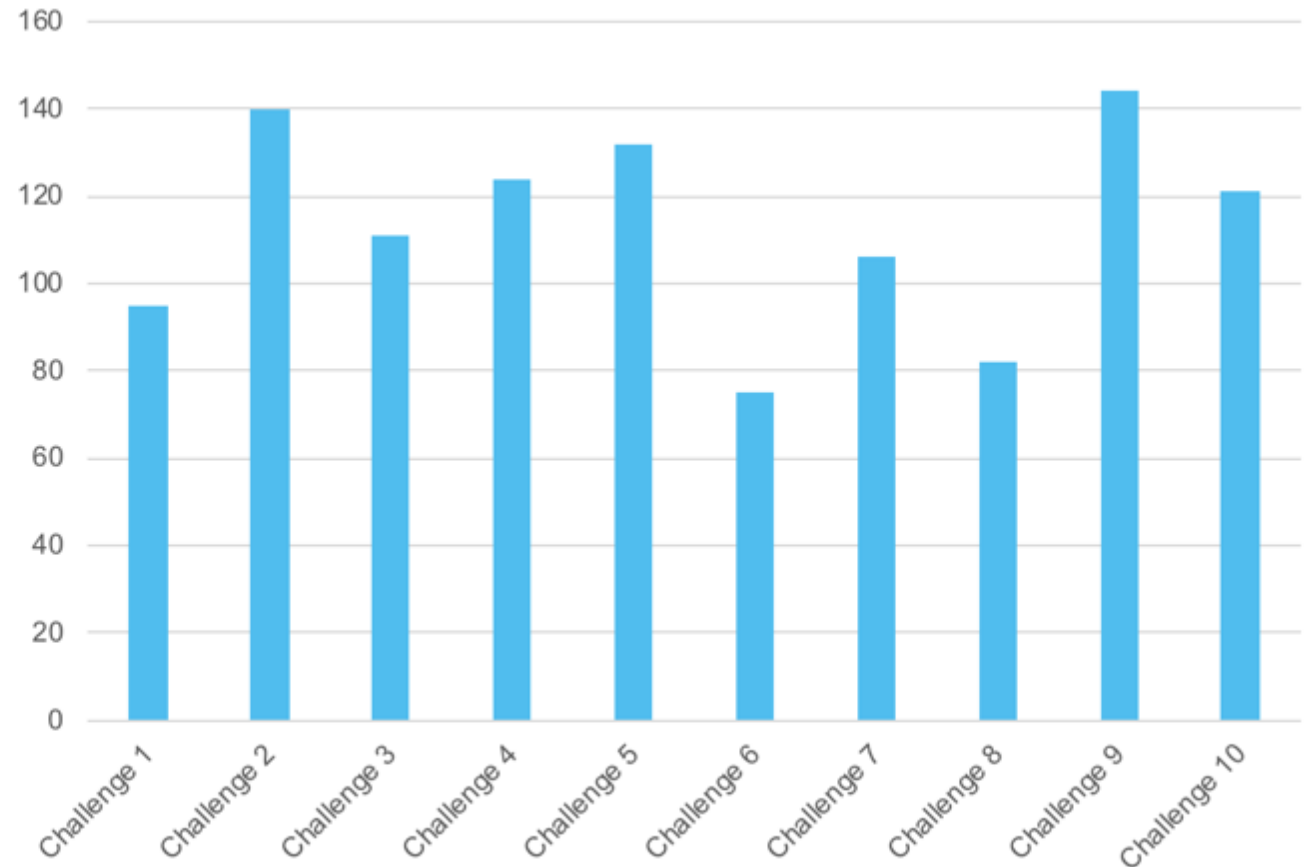
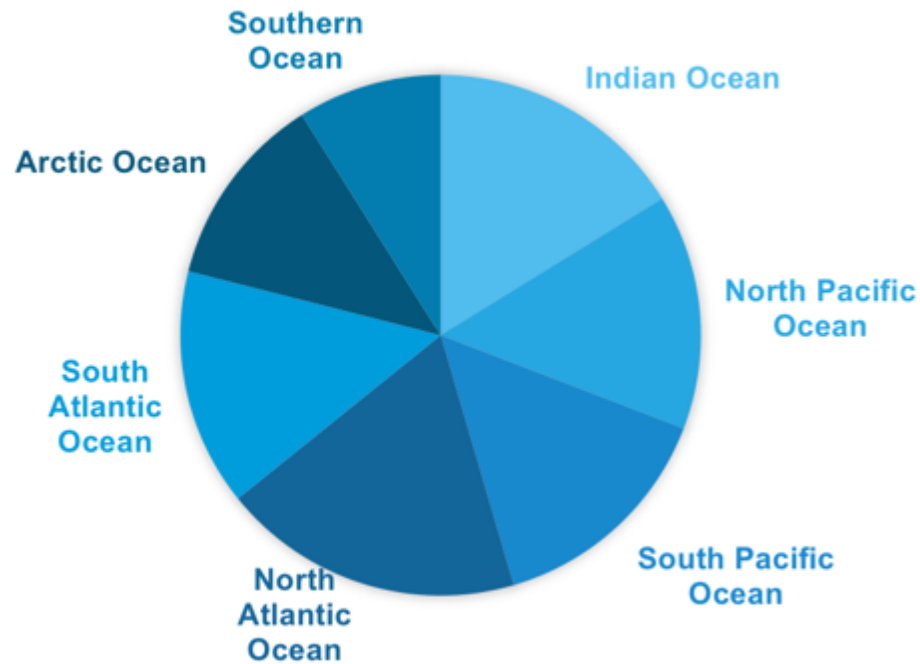
*The science
we need
for the ocean
we want*

Mission

*Transformative ocean
science solutions
for sustainable
development,
connecting people and
our ocean*

1st Call for Decade Actions

Diverse thematic and geographic mix covering all ocean basins and all challenges



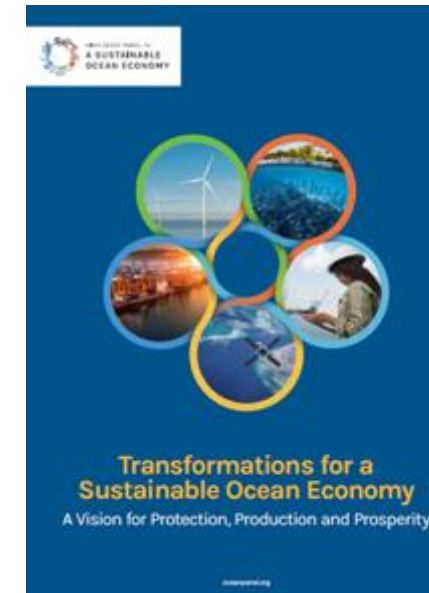
Early career ocean professionals, gender balance, Pacific, sea-depth mapping, cultural heritage, twilight zone, digital twin of the ocean, coastal prediction, observations, digital approaches in fisheries, best practices

Towards Ocean Management



HIGH LEVEL PANEL for
**A SUSTAINABLE
OCEAN ECONOMY**

- IOC - in Advisory Network, Peter Haugan – Expert Group Co-Chair
- 14 Countries, including in IOCARIBE area: Jamaica, Mexico
- Report: *“Ocean knowledge for a sustainable ocean economy: Synergies between the Ocean Decade and the outcomes of the High Level Ocean Panel”* :
 1. Analyse synergies between the Ocean Panel and the Ocean Decade
 2. Set out a process to develop joint initiatives so that ocean knowledge can underpin sustainable and equitable development



The Ocean We Want



United Nations
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Cultural Organization

Intergovernmental
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Commission

Ocean
We
Want

Scientifically
Sustainably
Managed
Ocean



WE COMMIT

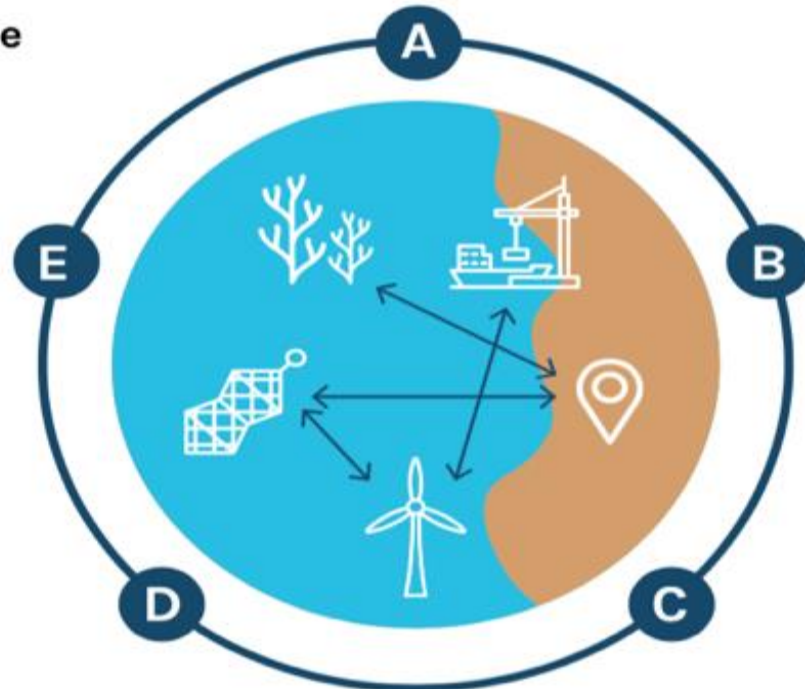
to sustainably manage
100% of the ocean area
under national jurisdiction, by 2025.








HIGH LEVEL PANEL for
A SUSTAINABLE
OCEAN ECONOMY

Five cross-cutting
enablers for a sustainable
ocean economy

- A) Data reform
- B) Goal-oriented ocean planning
- C) Innovative finance and de-risking
- D) Stopping land-based pollution
- E) Upgrading ocean accounting



Five key sectors to be
transformed towards a
sustainable ocean economy

-  Sustainable ocean food production **x6**
-  Clean ocean energy **x40**
-  Low carbon transportation and ports **20% -> 1,5°**
-  Ocean restoration and protection **15T\$**
-  Tourism

Key Ocean Management Domains



**Coastal zone
management
and adaptation**



**Marine Spatial
Planning/
Sustainable
ocean economy**



**BBNJ,
Marine
Protected
Areas**



**Management
of fisheries
and aquaculture**



**Adaptation to
and mitigation
of climate change
NDCs**



**Development of
national R&D
strategies &
ocean policies**



**Real-time
oceanographic
services**



**Regional and
national capacity
development**



**Early warning
systems**

What GOOS does now for IOC



Coastal zone management and adaptation



Marine Spatial Planning / Sustainable ocean economy



BBNJ, Marine Protected Areas, LMEs



Management of fisheries and aquaculture



Adaptation to and mitigation of climate change NDCs



Development of national R&D strategies & ocean policies



Real-time oceanographic, weather/climate services



Regional and national capacity development



Early warning systems



High - Level Objectives

- **Healthy ocean and sustained ocean ecosystem services;**
- **Effective warning systems and preparedness for tsunamis and other ocean-related hazards;**
- **Resilience to climate change and contribution to its mitigation;**
- **Scientifically-founded services for the sustainable ocean economy;** and
- **Foresight on emerging ocean science issues.**

To bring together governments and science community in achieving the 'Ocean We Need for the Future We Want'

One Planet, One Ocean



CONTENTS

PREFACE

1. IOC HIGH-LEVEL OBJECTIVES & PRIORITIES
2. IMPLEMENTING THE STRATEGY
3. WORKING CLOSER TO THE FIELD
4. ENGAGEMENT WITH KEY PARTNERS & STAKEHOLDERS

Article 35: Regional Subsidiary Bodies

Article 38: IOCARIBE

Intersessional Financial Advisory Group (IFAG) is starting its work on MTS

