



Agenda Item 4.7: Update on implementation of the UN Decade of Ocean Science for Sustainable Development

26th June 2024

57th Session of IOC Executive Council



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Intergovernmental
Oceanographic
Commission



2021 United Nations Decade
2030 of Ocean Science
for Sustainable Development



2021 United Nations Decade
2030 of Ocean Science
for Sustainable Development

THE OCEAN DECADE

in a snapshot

As of June 2024

ENDORSED OCEAN DECADE ACTIONS

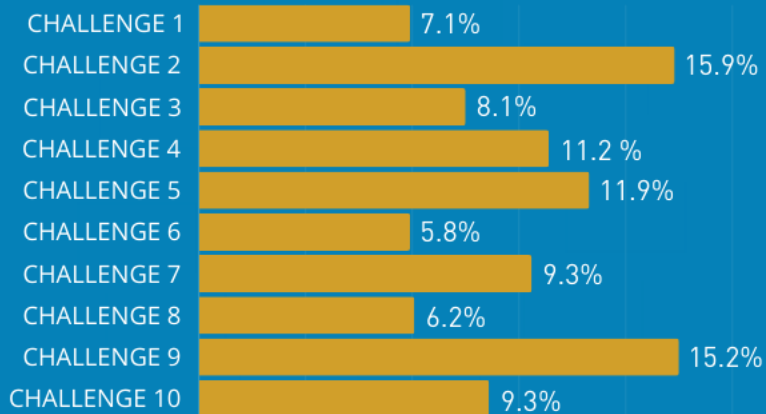


56 PROGRAMMES **99** CONTRIBUTIONS
401 PROJECTS **784** ACTIVITIES



DECADE ACTIONS LED BY PARTNERS FROM **66** COUNTRIES

ENDORSED ACTIONS PER CHALLENGE



REGIONAL AND NATIONAL COORDINATION

12
DECADE COLLABORATIVE CENTRES/ COORDINATION OFFICES

16
DECADE IMPLEMENTING PARTNERS



38
NATIONAL DECADE COMMITTEES

6
REGIONAL TASKFORCES AND PROGRAMMES

OCEANDECADE.ORG

@UNOceanDecade

@un-ocean-decade

ENGAGEMENT AND OUTREACH

7 INFORMAL WORKING GROUPS

11 PATRONS AND **19** INSTITUTIONAL MEMBERS OF THE OCEAN DECADE ALLIANCE



OVER **20** MEMBERS OF THE FOUNDATIONS DIALOGUE



8800 MEMBERS FROM **173** COUNTRIES ON THE OCEAN DECADE NETWORK



1.5+ MILLION REACH



2021
2030 United Nations Decade
of Ocean Science
for Sustainable Development

Decade Advisory Board: 2024 - 2025



Food and Agriculture
Organization of the
United Nations



United Nations
Framework Convention on
Climate Change



Prof. Donovan Campbell
University of the West Indies



Awa Bousso Dramé
University College London;
CoastGIS Research Institute



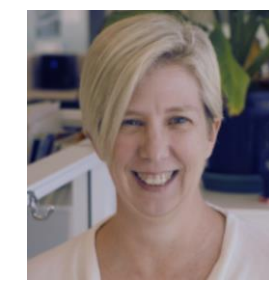
Linda Faulkner
New Zealand's National
Commission for UNESCO;
New Zealand's Sustainable
Seas National Science
Challenge; Tūtaiao Ltd.



José María Figueres Olsen
Pristine Seas, ORRAA;
Antarctica 2020; SICPA Latin
America; Tojoy Shared Holding
Group



Prof. Gideon Henderson
Department of Environment,
Food and Rural Affairs (UK)



Dr. Michelle Heupel
Australia's Integrated Marine
Observing system



Charlotte Hudson
Lenfest Ocean Program,
The Pew Charitable Trusts
(Washington, D.C., USA)



Adrian Lema
Denmark's National
Center for Climate
Research, Danish
Meteorological Institute



Angelique Pouponneau
AOSIS Climate Change
Fellowship Programme at
the United Nations



Dr. Julie Reimer
National Marine
Spatial Planning
(MSP) program,
Fisheries and Oceans
Canada



Prof. Hiroaki Saito
Atmosphere and Ocean
Research Institute
(AORI), University of
Tokyo



Marc Simon
Suez France;
Scientific Council
of H/OEHS
Exposure Scenario
Tool (IHEST)



Dr. Katy Soapi
Pacific Community
(SPC, New
Caledonia)



Dr. Alexander Turra
Oceanographic Institute,
University of São Paulo
(IOUSP, Brazil)



Dr. Nina Wambiji
KMFRI; Western Indian
Ocean Marine Science
Association (WIOMSA)

KEY TRENDS IN OCEAN DECADE IMPLEMENTATION

Low response rates to Monitoring & Evaluation Framework and bias towards responses from developed countries	Red
Strong portfolio of Decade Actions - planned slowing in endorsement of new programmes but continued growth in new projects	Green
Slow growth in new DCC/DCOs and NDCs and critical geographical gaps, inc. in ocean basins with growth in Decade Actions	Yellow
Continued high levels of activity across Decade Actions > 23,000 individuals and close to 150 institutions involved	Green
Continued large number of knowledge products and datasets generated but lack of information on use of knowledge products	Green, Yellow
Growing balance in themes addressed by Decade Actions across Ocean Decade Challenges	Green
Growing balance in activities across ocean basins	Green
Most leadership of Decade Actions by institutions and individuals from developed countries	Red
Growing activity in Africa & SIDS but low leadership particularly in SIDS & lack of information on links to national/regional uses	Yellow
Most beneficiaries of capacity development from developed countries	Red
Good ECOP engagement across Decade Actions and as beneficiaries of capacity development	Green
Slight decrease in gender equity as measured by female involvement in Decade Actions	Yellow
Growing resource gap reported by Decade Actions and some coordination structures	Red

INITIATIVES CURRENTLY UNDERWAY TO ADDRESS IDENTIFIED CHALLENGES

Low leadership from SIDS/Africa

- Capacity Development Facility focusing on LDCs & SIDS
- Model of Call for Decade Actions No. 06/2023 targeting co-design and targeted funding for SIDS/Africa
- Regional roadmaps & priority setting
- Planned support to new NDCs in SIDS/Africa including CD / policy needs assessment tools

Gaps in Coordination Structures

- Call for new DCCs through Call for Decade Actions No. 07/2024 (currently open)
- Ongoing discussions with regional partners – e.g. AAORIA, IASC

Diversity, Equity & Inclusivity

- Gender working group and roadmap for Ocean Decade
- Indigenous and local knowledge framework, action plan and capacity development initiatives
- Continued support to ECOP programme

Data and Knowledge Uptake

- Data Strategy Implementation Plan to operationalize Data, Information and Knowledge Strategy
- Further refinement of Monitoring & Evaluation Strategy including Vision 2030 indicators & milestones

Resource Mobilisation

- Setting of common priorities for Ocean Decade Alliance and renewal and expansion of membership
- Philanthropic initiatives through active Foundations Dialogue network including OceanMatcher and Funders Collaborative

IOC CONTRIBUTION TO THE OCEAN DECADE

Decade Action Name	Lead Programme
Ocean Acidification Research for Sustainability (OARS)	OSS
Ocean Observing Co-Design - Evolving ocean observing for a sustainable future	GOOS
Observing Together: Meeting Stakeholder Needs and Making Every Observation Count	GOOS
Ocean Practices for the Decade	IODE / GOOS
Ocean Literacy With All (OLWA): the change we need for the ocean we want	OSS
E-DNA expeditions in marine World Heritage sites	IODE
OceanTeacher Global Academy: Building Capacity and Accelerated Technology Transfer for the Ocean Decade	IODE
Pacific Islands Marine Bioinvasions Alert Network	IODE
Accelerate Marine Spatial Planning in the Western Pacific	WESTPAC
Stem the tide of Asia's riverine plastic emission into the ocean	WESTPAC
Accelerating capacity development transformations in the Western Pacific - Regional Network of Training and Research Centers (RTRCs) on Marine Science	WESTPAC
Explore the strongest ocean current in the Western Pacific: the 2nd Cooperative Study of Kuroshio and Adjacent Regions – from its sciences to human well beings	WESTPAC
Ocean Data 2030	IODE
Strengthening the Resilience of Coastal Communities in the Northeast Atlantic, Mediterranean Region to the Impact of Tsunamis and Other Sea Level-Related Coastal Hazards, The Ocean Decade Tsunami Programme	TSR
OBIS 2030 - The biodiversity data hub for the Ocean Decade Actions (OBIS 2030)	IODE
Harmful Algae Bloom Solutions	OSS
SEAWARD Africa	IOCAFRICA
Ocean Decade Programme on Sustainable Ocean Planning	MPR
Decade Coordination Office for Tropical Americas and Caribbean	IOCARIBE
Decade Coordination Office for Africa	IOCAFRICA
Decade Coordination Office for the Western Pacific	WESTPAC
Decade Coordination Office for Ocean Observing	GOOS
Decade Coordination Office for Ocean Data Sharing	IODE
Decade Coordination Office for Connecting People and Ocean	OSS

IOC remains UN entity with the strongest engagement in Decade Actions and coordination structures

Good coverage of both Actions & coordination structures across IOC programmatic work and across regions

Potential for further strategic links between IOC-led Decade Actions and longer-term strengthening of IOC core programmes => *focus of Mid Term Evaluation*

IOC-led Decade Actions and coordination structures face same challenges as other partners in terms of resourcing and sustainability => *although support for staffing and EXB support secured in last period*

2024 OCEAN DECADE CONFERENCE

Take Stock – Set Priorities – Catalyze



2024 UN OCEAN DECADE CONFERENCE

*Delivering the science we need
for the ocean we want*

10-12 April 2024

Barcelona, Spain



- 2,630 in-person attendees from 124 countries
- > 3,000 online viewers
- 165 Satellite Events

2024 OCEAN DECADE CONFERENCE BARCELONA STATEMENT

12 April 2024

Barcelona, Spain

Ocean Decade Vision 2030 Outcomes Report



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



1. SCIENCE & KNOWLEDGE
PRIORITIES

2. CROSS-CUTTING /
ENABLING ENVIRONMENT
PRIORITIES

3. ANNOUNCEMENTS &
COMMITMENTS

10 x
Vision 2030
White Paper



2021 United Nations Decade
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2024 OCEAN DECADE CONFERENCE BARCELONA STATEMENT

12 April 2024

Barcelona, Spain



SCIENCE & KNOWLEDGE TO DEVELOP SOLUTIONS FOR ...



1. Marine pollution reduction and management across the land-sea continuum including emerging pollutants
2. Marine and coastal ecosystem-based management including deep-sea ecosystems & emerging threats
3. Equitable and resilient small-scale fisheries and aquaculture & sustainable aquatic food production
4. Evidence-based Sustainable Ocean Plans
5. Sustainable and climate resilient ocean economy with ecosystem and societal co-benefits
6. Climate mitigation and impacts of eventual marine carbon dioxide removal initiatives
7. Decision support tools for resilience of coastal communities
8. Financial instruments, policies and models to diversify and accelerate investment in ocean science
9. Social science and ocean literacy research on human-ocean connection
10. Ocean health and human health



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2024 OCEAN DECADE CONFERENCE BARCELONA STATEMENT

12 April 2024

Barcelona, Spain



ENABLING FACTORS FOR SUSTAINED IMPACT...



1. Systematic processes and structures to strengthen role of policy / user needs as drivers of Decade Actions
2. Translation of global priorities to specific needs of SIDS/LDCs & proactive support and partnerships
3. Approaches, tools and skills to increase inclusivity of all knowledge systems
4. Reinforced national level action & strengthened guidance for national science – policy – society uptake
5. Capacity development with sustained impact for individuals and institutions
6. Industry engagement including with insurance, finance, tourism & fisheries sectors
7. Strategic communications and broad approach to ocean literacy across all sectors of society
8. Equity, inclusivity & diversity across generations, genders and geographies
9. Sustained & sustainable financing, investment and resourcing for ocean science initiatives and infrastructure as a legacy of the Ocean Decade



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WHERE TO FROM HERE FOR THE OCEAN DECADE?

Unique moment to build on 2024 Ocean Decade Conference outcomes and channel momentum to strategic, collective impact through...

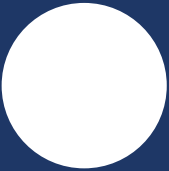
1. Ocean Decade leadership in setting the global agenda in priority areas where Decade and IOC have a unique added value

2. Ocean Decade facilitator role to solicit partners to take leadership on achievement of other priority areas

3. Global reach & inclusivity through enhanced role for regional and national structures and streamlined work of DCU

But resources remain a critical obstacle at 3 levels i.e. (i) coordination costs, (ii) sustainability of Decade Actions, (iii) longer term systemic change in investment

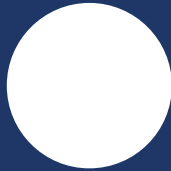
TRANSLATING THE BARCELONA STATEMENT TO ACTION




Translation of global actions to regional and national priorities and strategies & strengthened role for NDCs, DCC/DCOS



Ocean Decade Capacity Development Facility with focus on SIDS, LDCs and ECOPS



New co-designed Decade Actions through tailored Calls for Decade Actions & proactive p/ships



Ocean Decade **“Flagship Initiatives”** to set the global agenda on key issues

Partnerships to facilitate collective action & investment in the lead-up to 2025 United Nations Ocean Conference

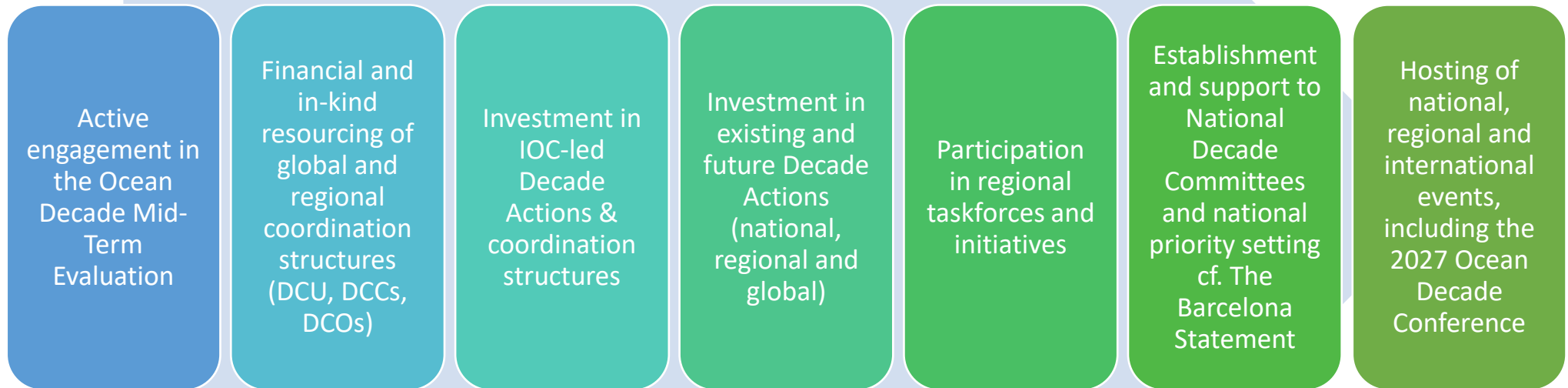


MID-TERM EVALUATION OF THE OCEAN DECADE

- Implementation Plan envisages two types of review of Ocean Decade: (i) science and knowledge priorities remain relevant; and (ii) delivery mechanisms are achieving maximum impact.
 - Vision 2030 process focused on science and knowledge priorities
 - **Mid-Term Evaluation will focus on delivery for impact to achieve the ambition of the Ocean Decade to 2030**
- Mid-Term Evaluation = review of the structures, processes, partnerships and resources that underpin implementation of the Ocean Decade and make recommendations to ensure optimal impact
- Build on existing M&E findings and **focus on the causes and solutions** of the challenges faced by the Ocean Decade
- Broad participation and consultation – National Decade Committees, regional structures, Decade Actions and stakeholders beyond the Decade
- Proposed Scope of Evaluation:
 - Governance and coordination
 - Resource mobilisation
 - Science and knowledge
 - Engagement and outreach
 - Monitoring & evaluation
 - Links between Ocean Decade and IOC



MEMBER STATE ENGAGEMENT IN THE OCEAN DECADE



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2027 OCEAN DECADE CONFERENCE: PROCESS TO IDENTIFY HOST COUNTRY

October 2024:
scoping of
detailed needs
and
specifications
for Conference



November /
December 2024:
launch of call for
Expressions of
Interest from
Member States



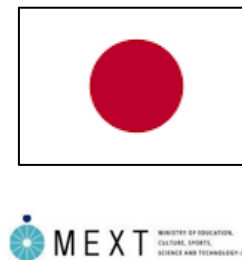
January 2025:
Evaluation of
Expressions of
Interest and
invitation for full
submissions



April / May
2025: Selection
of host country
including via
discussions via
IOC Officers



June 2025:
Announcement
of host country
at IOC Assembly



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Thanks to all Ocean Decade partners !

And many others that have contributed in-kind support...