Ocean Decade Progress Report

July 2024 - June 2025

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

2021 2030 United Nations Decade of Ocean Science for Sustainable Development

THE OCEAN DECADE

in a snapshot

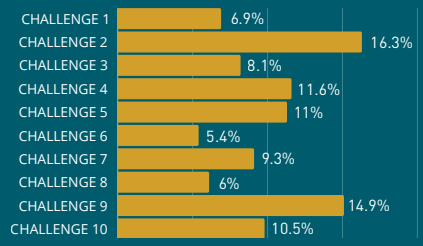
As of July 2025

ENDORSED OCEAN DECADE ACTIONS

62 PROGRAMMES
561 PROJECTS
116 CONTRIBUTIONS
1,165 ACTIVITIES

DECADE ACTIONS LED BY PARTNERS FROM **75** COUNTRIES

ENDORSED ACTIONS PER CHALLENGE



REGIONAL AND NATIONAL COORDINATION

2 REGIONAL TASKFORCES

41 NATIONAL DECADE COMMITTEES

21 DECADE IMPLEMENTING PARTNERS

13 DECADE COLLABORATIVE CENTRES/ COORDINATION OFFICES

ENGAGEMENT AND OUTREACH

9.4 MILLION REACH
Since 2021

14 PATRONS AND **21** INSTITUTIONAL MEMBERS OF THE OCEAN DECADE ALLIANCE

6 INFORMAL WORKING GROUPS

OVER **20** MEMBERS OF THE FOUNDATIONS DIALOGUE

10,800 MEMBERS FROM **173** COUNTRIES ON THE OCEAN DECADE NETWORK

2021 2030 United Nations Decade of Ocean Science for Sustainable Development

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Foreword

Dear Friends and Colleagues,

2025 marks a turning point for the Ocean Decade as it reaches its midway point. The journey so far has been one of unprecedented collaborations, mobilizing thousands of partners around the world to co-create solutions for the ocean. This year, the Mid-Term Evaluation provided the first comprehensive assessment of progress, governance, resource mobilization, inclusivity, science–policy impact, and outreach. The process offered a clear set of recommendations that now serve as a roadmap for strengthening delivery mechanisms and consolidating the Decade's impact for the years ahead.

The 2024–2025 Monitoring and Evaluation exercise highlighted both the progress achieved and the momentum that continues to grow across the globe. By June 2025, the Ocean Decade had endorsed 62 Programmes, 535 Projects, and 109 Contributions, with more than half of all Decade Actions led by women and 25% by Early Career Ocean Professionals. Outreach and communication also expanded at significant levels: the Decade's website connected with more than 380,000 users globally. Together, these advancements reflect not only important progress but also a clear commitment to inclusivity, diversity, and generational renewal within the Decade.

The 2025 United Nations Ocean Conference in June 2025 stood out as a defining moment of this reporting period. With the Ocean Decade Forum at its heart, the Decade played a central role in Nice, France, highlighting progress, showcasing the impact of endorsed Actions, and forging new partnerships. Building on this momentum, Rio de Janeiro in Brazil was announced as the host of the 2027 Ocean Decade Conference, which will serve as a milestone to take stock of progress since the 2024 edition in Barcelona, Spain, strengthen partnerships, and chart the course toward 2030. Until then, major international events such as UNFCCC COP30 in November 2025 and the Ocean Sciences Meeting, Our Ocean Conference, and Island States Ocean Summit in 2026 will provide opportunities to advance the Decade's mission.

As the Ocean Decade enters its second half, this Progress Report highlights both the remarkable achievements and the road still ahead. The successes of recent years show what can be accomplished through collective ambition, but they also reveal the urgency of closing persistent resource gaps and ensuring that all voices – particularly those of Small Island Developing States, Least Developed Countries, and Indigenous and local knowledge holders – are fully included. Moving forward, the Decade calls on governments, philanthropists, non-governmental organizations, scientists, the private sector, and ocean actors across the globe to deepen their engagement and mobilize the support needed to sustain Decade Actions and coordination structures.

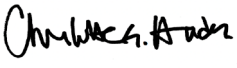
As Co-Chairs of the Decade Advisory Board, we are proud of the progress achieved so far and strongly inspired by the horizon ahead. The second half of the Ocean Decade is where ambition must evolve into measurable impact, where commitments must translate into solutions that safeguard the ocean and the communities who depend on it.

We extend our deepest gratitude to the many partners, institutions, and individuals who continue to shape this global movement, and to the Decade Coordination Unit within the Intergovernmental Oceanographic Commission of UNESCO for its tireless leadership and commitment to create the ocean we want by 2030.

Sincerely,

The Ocean Decade Advisory Board Co-chairs

Prof. Dr. Alexander Turra
Professor and Coordinator of the UNESCO Chair on Ocean Sustainability
Oceanographic Institute, University of São Paulo



Charlotte Hudson
Executive Director
Blue Convergence Fund

Acknowledgements

The Intergovernmental Oceanographic Commission (IOC) of UNESCO extends its deepest gratitude to all those who have contributed to the transformative journey of the Ocean Decade since its launch in January 2021. This includes the Decade Actions, Working Groups and Committees that have shaped its vision, the institutions and individuals who have shared their expertise, time, and dedication, and the partners who have provided financial or in-kind support to its implementation. Crucial support was received from several Member States and organizations during the period of this progress report, including Canada, China, France, Japan, Belgium (Government of Flanders), Norway, Germany, Ireland, Portugal, Republic of Korea, Sweden, Thailand, as well as the Foundation ENGIE, Gordon and Betty Moore Foundation, Prada, REVOcean, and FUGRO. The IOC is honored to serve as the global coordinator of the Ocean Decade, a role made possible by the generous support of numerous Member States and organizations.

Note: *This report is based on the results of the third iteration of the Ocean Decade Monitoring and Evaluation (M&E) Framework, which was launched with all Decade Actions in early 2025. It covers activities from July 2024 to June 2025. Adjustments introduced to the Framework during this period contributed to a significant increase in the response rate compared to the previous reporting cycle. While this reflects clear progress in participation and data collection, the findings presented in this report should be interpreted as indicative of broad trends across the Ocean Decade. The relatively low response rate from Decade Actions led by institutions in Africa, Small Island Developing States (SIDS), and Least Developed Countries (LDCs) introduces a geographical bias. Indeed, 65.7% of responses to the M&E are from lead institutions based in developed countries while only 6.5% are based in Africa, SIDS and LDCs. Direct comparisons with the previous editions should therefore be interpreted with caution.*

Acronyms

CBD	Convention on Biological Diversity
DCC	Decade Collaborative Centre
DCO	Decade Coordination Office
DCU	Decade Coordination Unit
DIP	Decade Implementing Partner
ECOP	Early Career Ocean Professional
GEBCO	General Bathymetric Chart of the Oceans
GOOS	Global Ocean Observing System
ILK	Indigenous and Local Knowledge
IOC	Intergovernmental Oceanographic Commission
IOCAFRICA	IOC Sub-Commission for Africa and the Adjacent Island States
IOCARIBE	IOC Sub-Commission for the Caribbean and Adjacent Regions
IODE	International Oceanographic Data and Information Exchange
LDC	Least Developed Country
M&E	Monitoring and Evaluation
MTE	Mid-Term Evaluation of the Ocean Decade
NDC	National Decade Committee
SDG	Sustainable Development Goal
SIDS	Small Island Developing State
UN	United Nations
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNFCCC	United Nations Framework Convention on Climate Change
UNOC	United Nations Ocean Conference
WESTPAC	IOC Sub-Commission for the Western Pacific

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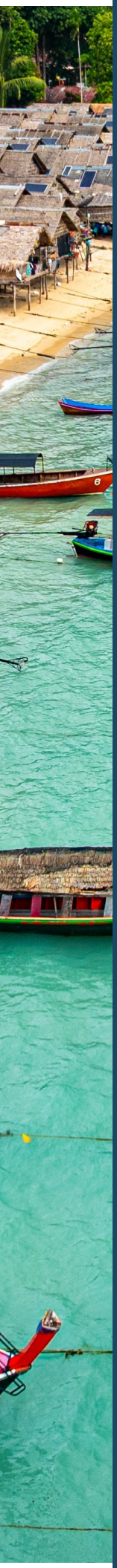

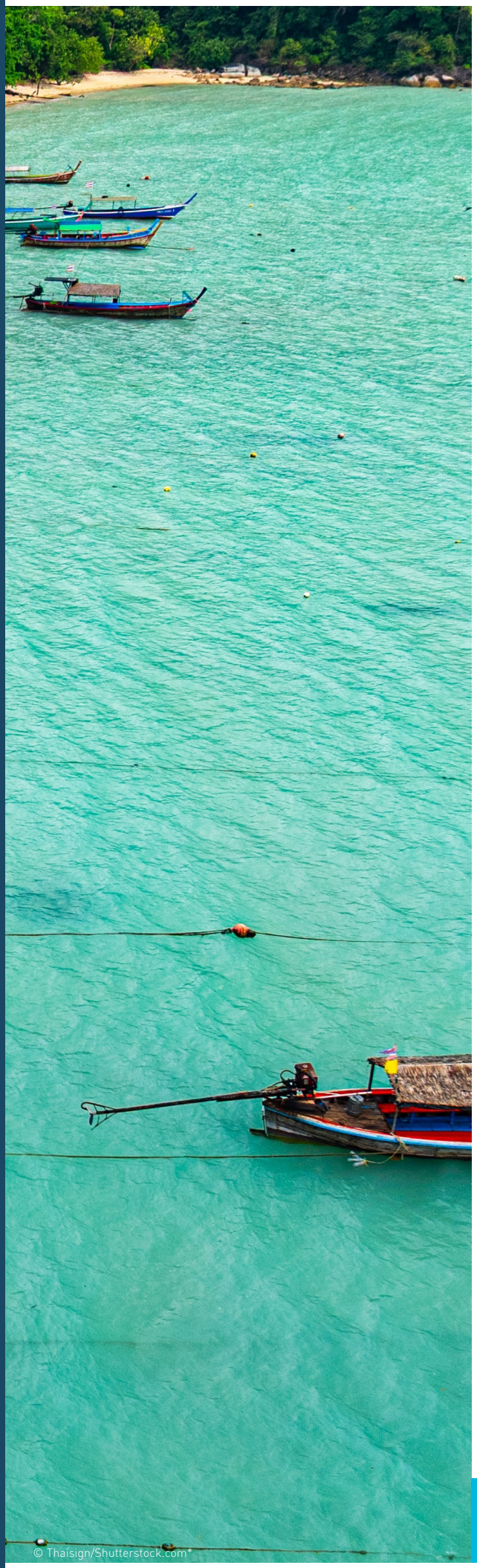

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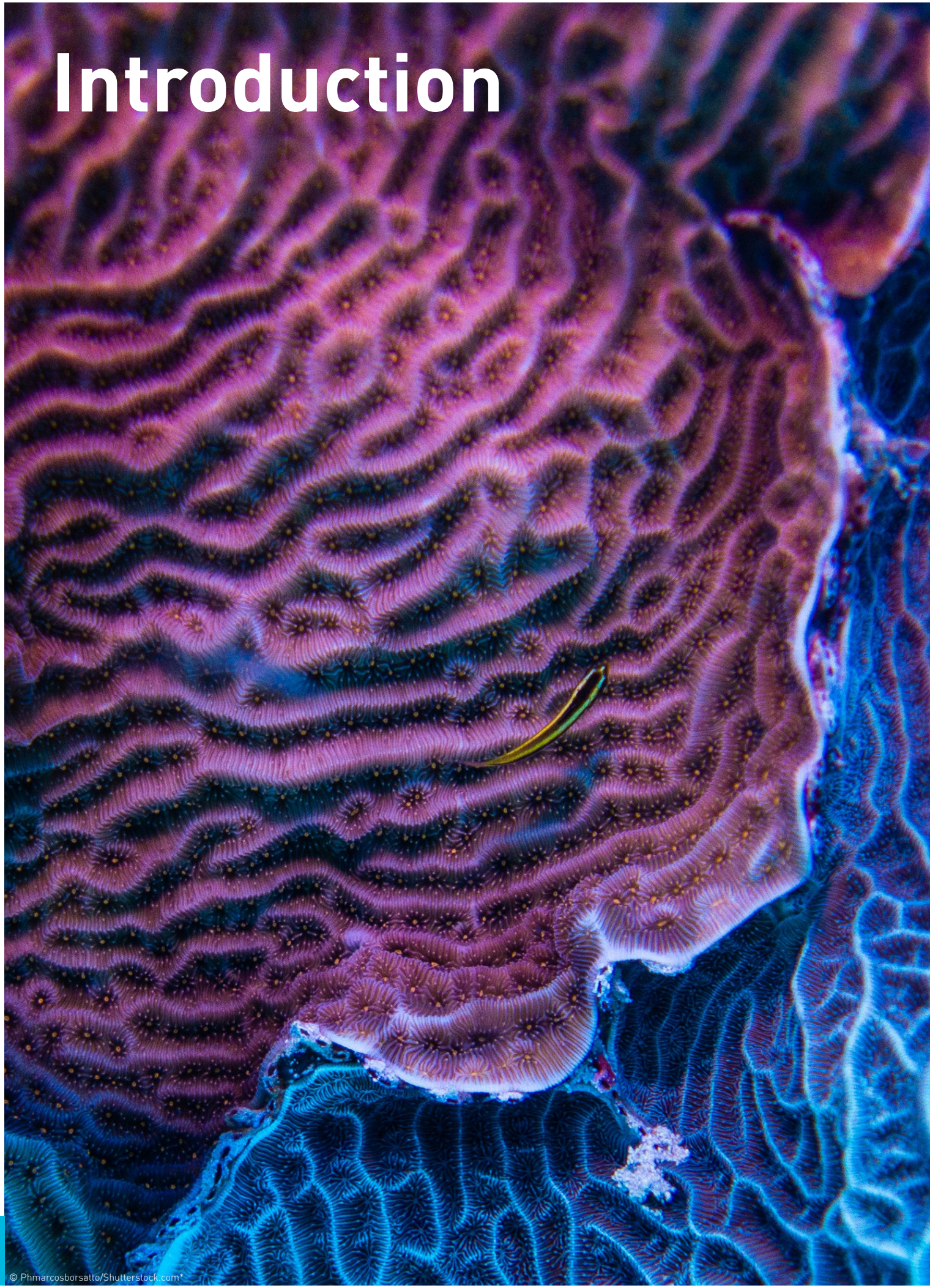
Introduction



The United Nations (UN) Decade of Ocean Science for Sustainable Development (2021–2030), also known as the Ocean Decade, was proclaimed in 2017 by the United Nations General Assembly. As a global framework, the Ocean Decade aims to catalyze, produce, and use critical ocean knowledge needed to ensure the sustainable management of the ocean and to advance shared aspirations for climate, biodiversity, and human well-being.

Guided by its vision of *"the science we need for the ocean we want"*, the Ocean Decade offers a global and inclusive framework that brings together diverse actors to co-design and implement transformative ocean science to address the 10 Ocean Decade Challenges.

Through its collaborative, solutions-oriented approach, the Ocean Decade generates essential scientific knowledge to inform and strengthen global, regional, and national policy processes, including the 2030 Agenda for Sustainable Development and its Sustainable Development Goals (SDGs).

The Intergovernmental Oceanographic Commission (IOC) of UNESCO leads the global coordination of the Ocean Decade, in partnership with other UN entities, governments, philanthropic institutions, the private sector, civil society, and the scientific community.

The **2024–2025 Progress Report** covers the period from July 2024 to June 2025 and highlights key outcomes in the implementation of the Ocean Decade across four key areas:

- Decade Actions
- Governance and coordination structures
- Resource mobilization
- Stakeholder engagement and outreach

The report also reflects on the Mid-Term Evaluation carried out in 2025, the outcomes of the 2024 Ocean Decade Conference, the 2025 UN Ocean Conference, and future perspectives for the Ocean Decade, including the 2027 Ocean Decade Conference in Brazil.

Mid-Term Evaluation of the Ocean Decade

In 2025, the Decade reached its halfway point and saw the release of the Mid-Term Evaluation (MTE), commissioned by the IOC Executive Council and managed by UNESCO's Internal Oversight Service.

The MTE was intended to complement the science and knowledge priority setting carried out through the Vision 2030 process. It focused on the delivery of the Decade and assessed the Decade's effectiveness, relevance, and coherence, and provided recommendations to guide its implementation for strategic impact through to 2030. Using a utilization-focused, mixed-methods approach, the evaluation engaged more than 1,000 stakeholders from 118 countries, drawing on tools such as social network analysis, policy influence assessments, and a Theory of Change framework.

The findings highlight substantial progress achieved by the Ocean Decade as the largest coordinated global ocean science initiative, mobilizing over 4,500 institutions and nearly USD 1 billion to advance inclusive, co-designed science. The Decade achievements include strong cross-sector partnerships, collaboration across diverse knowledge systems, engagement of youth through the Early Career Ocean Professionals (ECOPs) network, and delivering early impacts in areas such as tsunami preparedness and marine science education.

At the same time, the evaluation underscores the strong need to address governance capacity, regional imbalances, inclusivity, resource mobilization, and to accelerate the use of science and knowledge to inform policy and decision making. Further consolidating the work of Decade Actions, strengthening coordination, and enhancing monitoring, outreach, and UN-wide collaboration will be essential to maximize impact and realize the Decade's vision.

Following the evaluation, an Action Plan was developed by the Decade Coordination Unit to operationalize the findings of the MTE over the second half of the Decade and lay the foundation for the post-Decade legacy. The revised Terms of Reference for the Decade Advisory Board mark the first step in this process, with full implementation requiring additional support and resources from Member States and partners.

Achieving the Decade Challenges through Decade Actions

Decade Programmes, Projects, and Contributions

As of June 2025, the Ocean Decade had launched nine Calls for Decade Actions. Together, these Calls have led to the official endorsement of 62 Programmes, 561 regional and national Projects, and 116 Contributions from 75 countries. These numbers are strong evidence of the collective commitment of thousands of individuals and institutions working to advance the vision of the Ocean Decade.

During the reporting period, two new Calls for Decade Actions were launched. The Call No. 08/2024, opened in October 2024, invited initiatives to bridge science and knowledge gaps on coastal resilience, society's relationship with the ocean, and the ocean–human health nexus. Building on the priorities of the Barcelona Statement, Call No. 09/2025 was launched in April 2025 and welcomed initiatives addressing regional and thematic gaps in ocean science to support informed decision-making for sustainable development. In the context of the Decade of Action for Cryospheric Sciences (2025–2034) and the forthcoming International Polar Year (2032–2033), this Call also encouraged Programmes and Projects that enhance scientific cooperation in the Southern Ocean and Antarctic.

Reflecting on the priorities set out in the Barcelona Statement, Decade Actions collectively and unanimously addressed the goal to "enhance and scale-up marine and coastal ecosystem-based management approaches, including a focus on better understanding of and solutions for multiple stressors". By contrast, the objective to "increase engagement with the health sector and better understand connections between ocean health and human health" was the least addressed, calling for focused attention in the coming years.

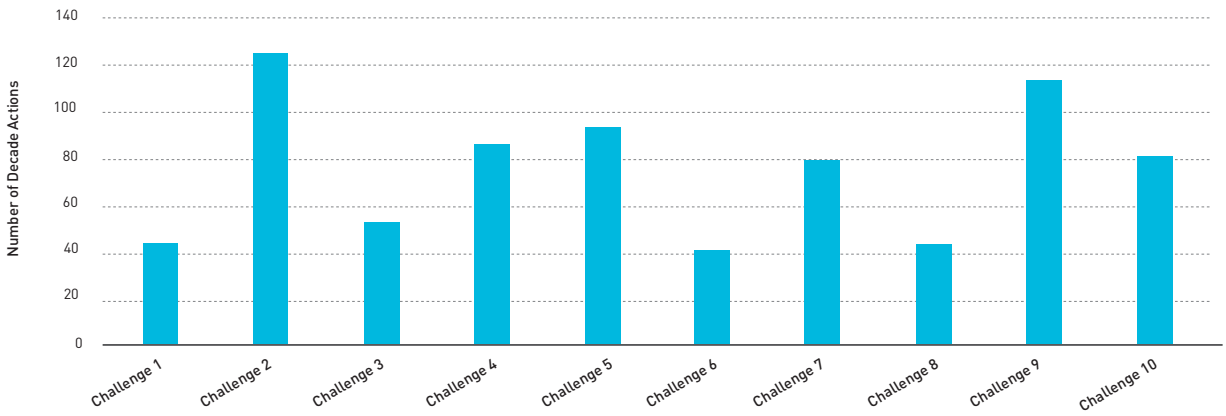
The Barcelona Statement (2024)

Adopted at the 2024 Ocean Decade Conference in Barcelona, the Barcelona Statement captures key recommendations from the Conference and outlines key priority areas for action for the Ocean Decade in the coming years based on the White Papers developed for each of the Ocean Decade Challenges during the Vision 2030 process.

The Statement identified action pathways for ocean science and knowledge generation and uptake, including tackling marine pollution across the land-sea interface, strengthening ecosystem-based management, advancing deep-sea research, promoting sustainable fisheries and aquaculture, and supporting Sustainable Ocean Plans. It also called for greater investment in capacity development, particularly for Africa, Small Island Developing States (SIDS), and Least Developed Countries (LDCs) and the integration of social sciences into ocean solutions. Cross-cutting priorities included enhanced recognition and role of Indigenous and local knowledge (ILK), diversity, inclusivity and equity, youth engagement, as well as stronger science-policy interfaces, innovative financing and expanded ocean literacy. The Statement issued a global call to action for all sectors to co-design and co-deliver Decade Actions, increase investment in ocean science, and amplify the visibility and impact of the Ocean Decade in the lead-up to the 2025 UN Ocean Conference.

Over the past year, endorsed Decade Actions spanned every ocean basin and addressed all ten Ocean Decade Challenges. The most frequently targeted were Challenge 2 (Protect and restore ecosystems and biodiversity), Challenge 9 (Skills, knowledge, technology and participation for all), and Challenge 5 (Unlock ocean-based solutions to climate change).

Figure 1: Challenge distribution for endorsed Decade Actions.



CASE STUDY ON OCEAN DECADE CHALLENGE 1: MARINE POLLUTION

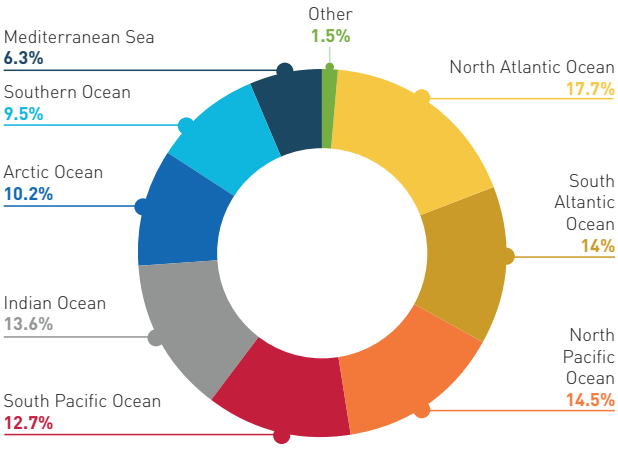
Global Estuaries Monitoring Programme

The Global Estuaries Monitoring (GEM) Programme led by the State Key Laboratory of Marine Pollution and the City University of Hong Kong is working to create a global monitoring network to monitor environmental contaminants in urbanized estuaries worldwide. Over the past year, GEM achieved major milestones: a review article in *Environment International* critically assessed two decades of pharmaceutical pollution, while a method paper in *Marine Pollution Bulletin* presented a new approach for quantifying contaminants. These scientific advances are complemented by an unprecedented sampling campaign across 182 estuaries in 49 countries – including seasonal sampling in 55 sites – providing the first global dataset. Innovation also stood at the forefront, with the development of novel passive samplers such as "Artificial Mussels" and "Smart Sponges," validated in Hong Kong estuaries. Alongside, GEM organized a capacity-building workshop at the East Asian Seas Congress, equipping stakeholders with knowledge, tools, and strategies to combat pollution worldwide.

More about this Decade Action: https://oceandecade.org/actions/global-estuaries-monitoring-gem-programme/

In terms of geographical distribution, the largest share of Decade Actions continued to be implemented in the North Atlantic (17.7%) and North Pacific (14.5%) ocean basins, with the United States, Canada, France, Brazil, and Australia reporting the highest number of active Decade Actions implemented. Looking closely at this year's ocean basin distribution, a positive shift can be observed. The gap in implementation between ocean basins is steadily narrowing, with notable growth in activities in the South Atlantic (14%), Indian Ocean (13.6%), and South Pacific (12.7%) basins. This trend reflects steady progress toward a more balanced global presence of the Ocean Decade, with stronger engagement from regions that have historically been under-represented.

Figure 2: Geographical coverage of endorsed Decade Actions by ocean basin.



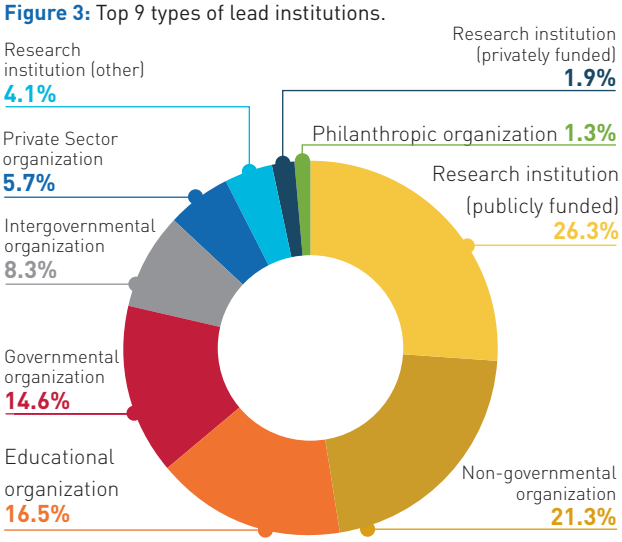
During the reporting period, more than 24% of all endorsed Decade Actions were implemented in Africa and over 17% in SIDS, with 22 Decade Programmes being implemented in Africa. This marks a slight increase compared to the 2023–2024 reporting period, reflecting growing Decade implementation in SIDS and Africa. While the M&E results indicate that leadership from partners in Africa and SIDS remains limited — 6% and 2.5% respectively — numbers from the Call for Decade Actions No. 09/2025 show a more positive trend, with 12.7% of endorsed Decade projects led by African and SIDS institutions.

Table 1: Implementation of the Decade in SIDS and African countries.

Countries of Implementation				
	Africa (number)	Africa (%)	SIDS (number)	SIDS (%)
Programmes	22	50.00%	15	34.09%
Projects	44	18.80%	30	12.82%
Contributions	10	28.57%	9	25.71%
TOTAL	76	24.28%	54	17.25%

Most Decade Actions continued to be led by publicly funded research institutions, non-governmental organizations, and educational organizations. The majority of these lead institutions were based in the United States, Canada, the United Kingdom, and Brazil, highlighting the strong role of organizations in countries of the Northern Hemisphere, with a notable exception for Brazil.

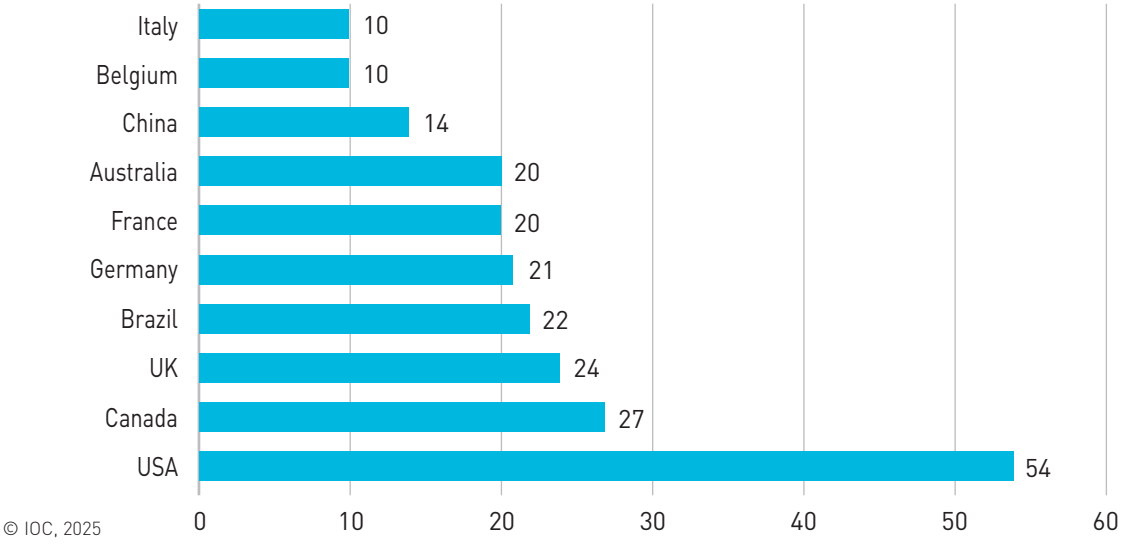
Figure 3: Top 9 types of lead institutions.



Elevating the voices, perspectives, and leadership of Africa, SIDS, and LDCs is vital to ensuring that the Decade reflects truly global ownership and benefits from the full diversity of ocean knowledge and expertise.

In this context, the Ocean Decade is advancing targeted initiatives to expand leadership opportunities for Africa, SIDS, and LDCs. The Co-Design Course for Africa — a digital mentorship programme hosted on the OceanTeacher Global Academy (OTGA) platform — is designed to familiarize participants from the African region with the principles and practices of co-design within the Ocean Decade framework. During the reporting period, 29 participants from 13 African countries completed the 12-week course. Through a structured mentorship process, participants received knowledge, tools, and guidance to shape their project priorities and components, and to develop coherent, impactful project proposals for Decade endorsement, that support the sustainable development of SIDS and LDCs.

Figure 4: Top 10 countries of lead institutions.



CASE STUDY ON OCEAN DECADE CHALLENGE 2: PROTECT AND RESTORE ECOSYSTEMS

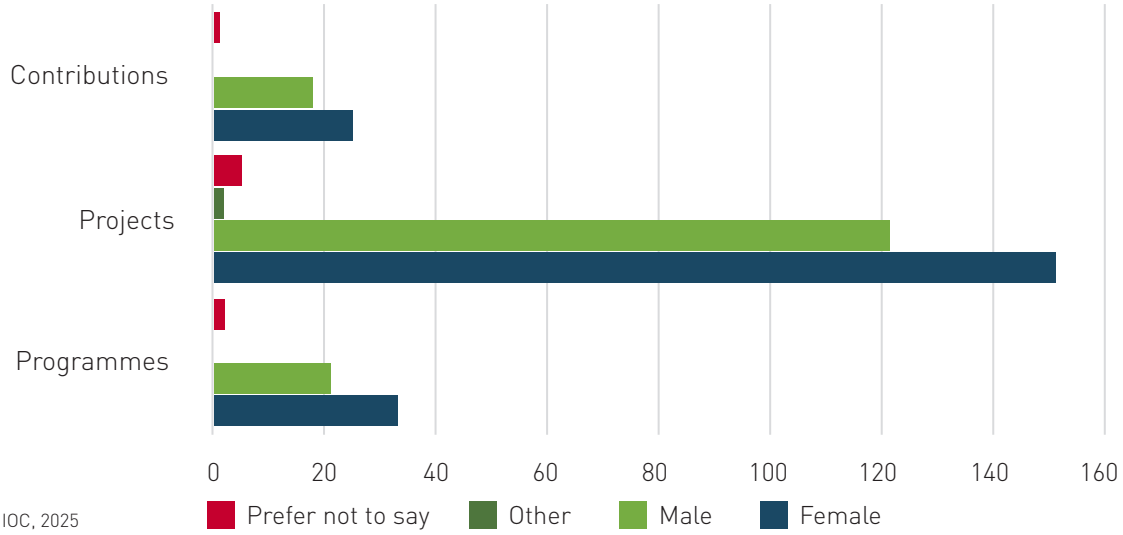
SONORA

Led by the University of Alicante, the SONORA project assesses the impacts of anthropogenic and seismic underwater noise on fish behavior. Bringing together scientists, decision makers, and private sector partners, the project combines experimental and modelling techniques with state-of-the-art technology. During the reporting period, SONORA achieved key milestones: innovative acoustic transducers were developed for both laboratory and shallow-water studies, and low-cost autonomous prototypes for long-term soundscape monitoring were designed. Laboratory experiments with juvenile sea bass provided the first verified evidence of biological and behavioral impacts of noise exposure. The team also produced detailed sound maps of coastal areas near aquaculture facilities in Alicante, Spain, revealing seasonal patterns and the influence of fishing activities on the underwater soundscape. These achievements not only deepen knowledge of vibro-acoustic dynamics but also set the stage for standardized testing guidelines that are critical for advancing aquaculture and marine resource management.

More about this Decade Action: https://oceandecade.org/actions/sonora/

Gender and inclusivity were also important features of Decade Actions leadership. From July 2024 to June 2025, a total of 210 women held leadership positions in Decade Actions, representing more than 55% of all leadership roles.

Figure 5: Leadership gender distribution per Decade Action type.



ECOPs also played a central role. 16,340 ECOPs are engaged in Decade Actions worldwide, and approximately 32% of all Actions were led by ECOPs, highlighting the Decade's priority to empowering and supporting the next generation of ocean leaders.

Equally significant was the involvement of Indigenous and local knowledge (ILK) holders. A total of 173 Decade Actions – 55.3% of all endorsed Actions – worked with ILK holders as part of their activities, underscoring a growing recognition of the value of diverse knowledge systems in advancing inclusive and transformative ocean science.

CASE STUDY ON OCEAN DECADE CHALLENGE 3: SUSTAINABLE BLUE FOOD

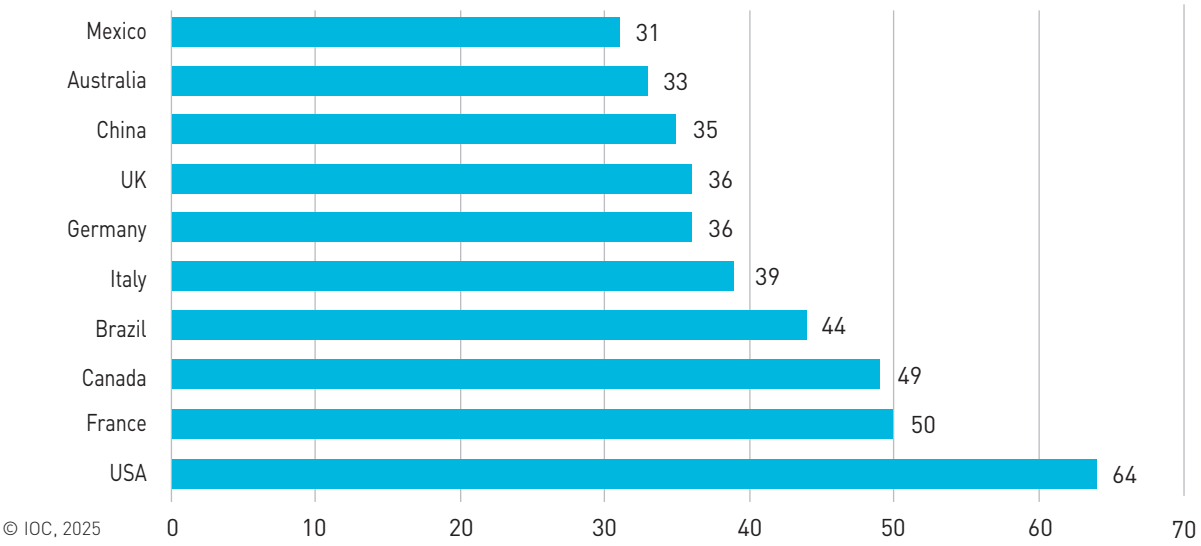
Ocean Generation, Ocean Intelligence

Led by Ocean Generation, the project is breaking down complex ocean challenges into practical, science-based actions that empower people worldwide to restore a sustainable relationship with the ocean. In 2024, the initiative reached over 17 million people through engaging content, including more than 40 science-backed articles and 1,000 digital resources on deep-sea ecosystems, human impacts, and ocean solutions. Its education efforts expanded globally, delivering over 195 workshops and webinars and building an open-access learning hub, resulting in 124,000 youth engagements with 5- to 25-year-olds. By blending ocean science with art, technology, and health, the Wavemakers and Ocean Academy programmes inspire young people to act for ocean sustainability. Ocean Intelligence has also fostered a thriving community of over 100,000 members, amplifying diverse voices and inclusive stories in ocean science. With a new short film funded in 2025, the initiative continues to spark awareness, action, and collective responsibility for the ocean.

More about this Decade Action: https://oceandecade.org/actions/ocean-generation-ocean-intelligence/

Capacity development continues to be a cornerstone of the Ocean Decade, central to its ambition of strengthening skills, knowledge, and resources across diverse communities. Capacity development activities span a wide spectrum, from formal education initiatives – including new degree programmes, summer schools, and online learning – to continuous professional development through workshops, training courses, and peer-to-peer exchanges. In 2024–2025, more than 3,700 activities were carried out in 16 countries, benefiting over one million individuals both directly and indirectly. While this represents important progress, implementation remains uneven. Only 23.6% of capacity development activities took place in Africa and 17.6% in SIDS, while the large majority of beneficiaries were concentrated in North America, Europe, and Brazil.

Figure 6: Top 10 countries of implementation of capacity development activities.



To address persistent regional imbalances and ensure equitable opportunities, the Ocean Decade Capacity Development Facility, launched in December 2023, provides a flexible mechanism to identify and respond to priority capacity development needs, with a particular emphasis on SIDS, LDCs, and ECOPs. By connecting global expertise, supporting the co-design of future Decade Actions, and mobilizing partnerships and resources, the Facility is helping to create a more inclusive foundation for transformative ocean science throughout the Decade and beyond.

CASE STUDY ON OCEAN DECADE CHALLENGE 4: SUSTAINABLE OCEAN ECONOMY

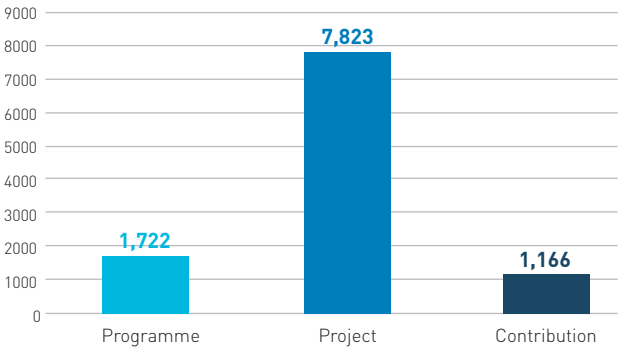
Recovering and reusing ghost nets (NETS FOR THE OCEAN)

The Rede Marulho Institute tackles ghost fishing and marine pollution by collecting, cleaning, and reusing discarded fishing nets, transforming them into new products and sustainable income opportunities for coastal communities. In 2024 alone, the initiative intercepted 3,135 kg of discarded fishing nets, preventing them from harming marine life. These were upcycled into more than 18,000 handcrafted products, showcasing how marine pollution can be turned into sustainable goods. Beyond environmental impact, Marulho generated R$ 244,000 (USD ~50,000) in direct income for local artisans and fishers, strengthening livelihoods in vulnerable coastal communities. Working hand in hand with Brazil's caiçara communities, the project draws on traditional knowledge of net-making and craftsmanship, preserving cultural heritage while building economic resilience. Its strong outreach also reached over 8 million people in 2024, raising awareness about ghost fishing, coastal traditions, and ocean literacy. Led by women and prioritizing female groups, Marulho demonstrates how circular economy solutions can conserve biodiversity, empower communities, and drive inclusive, ocean-positive change.

More about this Decade Action: https://oceandecade.org/actions/recovering-and-reusing-ghost-nets-nets-for-the-ocean/

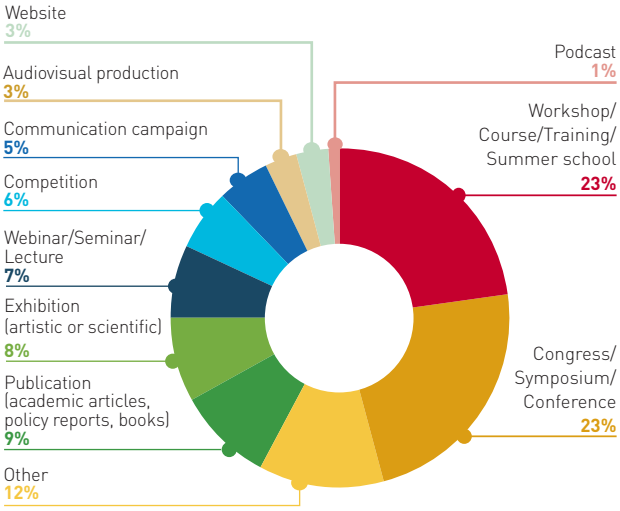
Over the reporting period, Decade Actions generated more than 10,700 knowledge products. These outputs encompass a wide range of formats through which science and knowledge are shared, including peer-reviewed publications, grey literature, white papers, policy briefs, and articles in newspapers, magazines, and blogs. This increase in the production of knowledge products reflects the Ocean Decade objective to ensure that new insights are accessible to policymakers, practitioners, and society at large.

Figure 7: Generation of knowledge products by Decade Action type.



The most common types of Decade Activities were workshops, courses, training sessions, summer schools, conferences, and symposia, followed by publications and exhibitions. Nearly 40% of these Activities were led by non-governmental organizations, with research institutions accounting for a further 20.4%.

Figure 9: Top types of Activities.

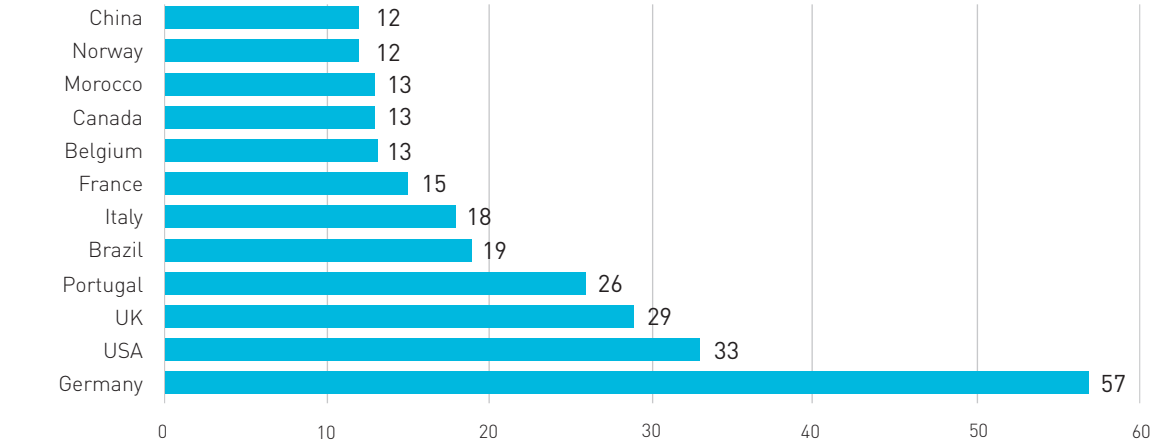


Decade Activities

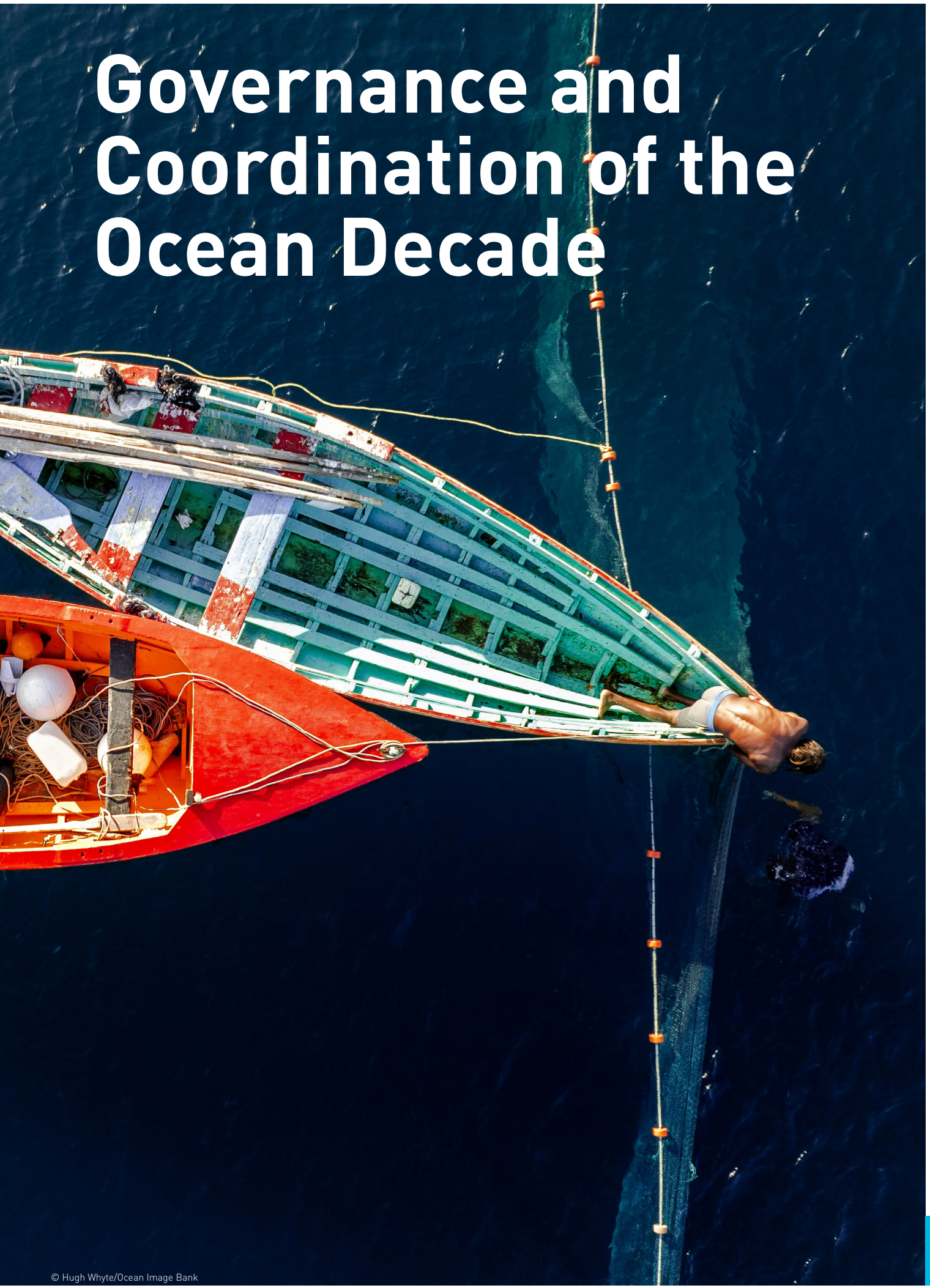
Between July 2024 and June 2025, the Ocean Decade endorsed 372 new Activities in addition to its Programmes, Projects, and Contributions. During this period, a new process was introduced, enabling NDCs to support the Decade Coordination Unit by reviewing and endorsing proposals and thus ensuring greater national relevance of activities.

Geographically, Activities were mostly implemented in Europe and the United States, with 17.7% in Germany, 13% in Portugal, and 12.6% in the United States; while 13.7% of Activities had a global reach. The top 5 lead institutions were located in Germany, the United States, the United Kingdom, Portugal, and Brazil.

Figure 8: Top countries of institutions leading Decade Activities.



Governance and Coordination of the Ocean Decade



The governance of the Ocean Decade is built on an interconnected architecture designed to ensure both global coherence and regional and national engagement. At its center is the Decade Coordination Unit (DCU), hosted by the IOC Secretariat in Paris, which provides overall coordination of the Ocean Decade. The DCU works hand in hand with decentralized coordination structures, partners, and stakeholder groups that contribute to the effective implementation and success of the Ocean Decade.

Decade Advisory Board

The Decade Advisory Board continued its strategic role in providing guidance and recommendations to advance the implementation of the Ocean Decade. The Board convened four times, including an in-person meeting in London, UK, in March 2025, hosted by the International Maritime Organization. It played a key role in advising on the endorsement of Decade Programmes and offering direction on priority issues, including the engagement of SIDS, LDCs, and ILK holders, the integration of the MTE recommendations, and approaches to resource mobilization. The current mandate of the Board concludes in December 2025, with a new call for nominations launched in the third quarter of 2025.

CASE STUDY ON OCEAN DECADE CHALLENGE 5: OCEAN-CLIMATE NEXUS

High-resolution sea ice forecast in ARCtic routes (HiARC)

Led by Harbin Engineering University, the HiARC project is advancing our ability to predict snow and sea ice conditions in the Northeast Passages (Russian side) and Northwest Passages (Canadian side) from hours to years scales, supporting both climate research and maritime safety. Over the past year, HiARC delivered several landmark achievements. A comprehensive dataset on Arctic landfast ice and snow cover thickness (1979–2021) was released, providing a vital resource for climate change studies and navigation planning. The team also developed an Arctic shipping route fast-ice forecasting system using the HIGHTSI model and established a high-resolution forecasting system with the CICE model coupled to the PDAF assimilation system, enabling accurate sea ice predictions from short-term to climate scales. Beyond technical innovation, HiARC strengthened international collaboration through a joint graduate training programme with partners in Russia, Finland, and Norway, equipping the next generation of Arctic scientists. These achievements are directly benefiting Arctic nations and shipping companies with more reliable forecasts and improved risk assessments.

More about this Decade Action: https://oceandecade.org/actions/high-resolution-sea-ice-forecast-in-arctic-routes-hiarc/

Decentralized Coordination Structures

Decentralized coordination structures play a key and strategic role in the Ocean Decade governance framework. Decade Coordination Offices (DCOs) and Decade Collaborative Centres (DCCs) are central players in supporting the work of the DCU. They contribute by managing Decade Actions, stimulating new initiatives, fostering stakeholder engagement, mobilizing resources, and advancing the overall objectives of the Decade.

The reach and impact of the Decade are further strengthened through 13 DCOs and DCCs and 21 Decade Implementing Partners (DIPs) that translate global ambitions into regional and thematic action. Six of these DCOs are hosted by the IOC, extending from the Western Pacific to Africa. As of June 2025, a new Ocean Decade Collaborative Centre (DCC) focused on Decade Challenge 4, was established in Barcelona, Spain, dedicated to advancing the sustainable ocean economy. The Centre is led by the Barcelona City Council, in collaboration with the Port of Barcelona and the Government of Catalonia.

Collectively, DCCs, DCOs, and DIPs delivered nearly 500 capacity development initiatives during the reporting period, with 38% implemented in Africa and 19% in SIDS. More than 1,200 ECOPs participated in the decentralized coordination structures' activities worldwide, with up to 24% of these structures led by ECOPs themselves. Inclusivity and diversity were also central to implementation efforts, as 62% of structures involved ILK in their activities. Advancing gender equity also remained a key priority, with 57% of DCCs, DCOs, and DIPs undertaking specific actions to address it, and women holding 54% of leadership roles in these structures.

Decade Collaborative Centre or Decade Coordination Office	Host Institution
Decade Coordination Office for the Western Pacific (DCO-WESTPAC)	IOC Sub-Commission for the Western Pacific (WESTPAC)
Decade Coordination Office for Ocean Data Sharing (DCO-ODS)	IOC International Oceanographic Data and Information Exchange (IODE) Programme
Decade Coordination Office for Ocean Observing (DCO-OO)	IOC Global Ocean Observing System (GOOS)
Decade Coordination Office for Connecting People and Ocean	UNESCO Venice (Regional Bureau for Science and Culture in Europe)
Decade Coordination Office for the Tropical Americas and Caribbean (DCO TAC)	IOC Sub-Commission for the Caribbean and Adjacent Regions (IOCARIBE), Colombia
Decade Coordination Office for Africa (DCO Africa)	IOC Sub-Commission for Africa and the Adjacent Island States (IOCAFRICA), Kenya
Decade Collaborative Centre for Ocean Prediction (DCC-OP)	Mercator Ocean International
Decade Collaborative Centre for Ocean-Climate Nexus and Coordination amongst Decade Implementing Partners in P.R. China (DCC-OCC)	First Institute of Oceanography, China
Decade Collaborative Centre for Coastal Resilience (DCC-CR)	University of Bologna, Italy
Decade Collaborative Centre for the Indian Ocean Region (DCC-IOR)	Indian National Centre for Ocean Information Services (INCOIS)
Decade Collaborative Centre for the Southern Ocean Region (DCC-SOR)	Scientific Committee on Antarctic Research (SCAR)
Decade Collaborative Centre for the Pacific Islands Region of the Pacific Ocean (DCC-PIR-PO)	The Pacific Community (SPC)
Decade Collaborative Center Challenge 4 - Sustainable Ocean Economy (DCC-SOE)	Barcelona City Council

Decade Implementing Partner	Country
European Marine Board	Belgium
The Royal College of Art	United Kingdom
Joint Programming Initiative Healthy and Productive Seas and Oceans (JPI Oceans)	Belgium

Heirs to Our Ocean	United States
EurOcean	Portugal
National Institute of Oceanography and Fisheries (NIOF)	Egypt
Peking University	China
European Marine Observation and Data Network (EMODnet)	Belgium
The Administrative Centre for China's Agenda 21	China
Partnership for Observation of the Global Ocean (POGO)	United Kingdom
Flanders Marine Institute (VLIZ)	Belgium
One Ocean Hub	United Kingdom
National Research Council Canada – Ocean Program	Canada
National Marine Data and Information Service-China (NDMIS)	China
European Global Ocean Observing System (EuroGOOS)	Belgium
Southern University of Science and Technology (SUSTech) and the Preparing Shenzhen Ocean University (SOU)	China
Ocean Decade International Cooperation Center, China	China
EU4OceanObs	France
Center for Ocean Leadership	United States
Ocean Networks Canada	Canada
National Marine Educators Association	United States

National Decade Committees

At the national level, 41 National Decade Committees (NDCs) were operational by June 2025, playing a strategic role in advancing the Ocean Decade agenda. Despite this progress, their geographic distribution remains uneven, with limited representation in SIDS and LDCs.

Capacity development is a central focus of NDC activities: in the 2024–2025 reporting period, 86% of the responding NDCs indicated that they had implemented capacity development initiatives, accounting for a total of 221 activities. However, the geographic spread of these efforts reveals persistent imbalances: only 24% of capacity development activities were implemented in Africa and 9% in SIDS.

In terms of leadership, inclusivity, and diversity, 24% of NDCs are led by ECOPs, and approximately 200 ECOPs are actively engaged across NDC activities. Encouragingly, 62% of NDCs involved ILK holders, and 44% of NDC leads were women. While these figures reflect progress towards inclusivity, they also point to the continued need to address gaps in geographic representation, gender balance, and equitable leadership opportunities.

Figure 10: Established National Decade Committees.

Countries marked with an asterisk (*) are Ocean Decade Liaisons.

Regional Taskforces

The African and Adjacent Island States Taskforce led by IOC through its Sub-commission for Africa and the Adjacent Island States (IOCAFRICA) is in its third year of operation. From 7–9 May 2025, the 8th Session of IOCAFRICA was held in Mombasa, Kenya, providing a strategic platform to review progress on the Ocean Decade Africa Roadmap, coordinate priorities in ocean observations, data, and marine policy, and strengthen regional partnerships. The Session advanced capacity development, showcased African leadership in ocean science, and reinforced the continent's central role in contributing to the global ocean agenda.

In December 2024, the Tropical Americas and Caribbean Taskforce, led by IOC through its IOCARIBE Sub-Commission launched the Ocean Decade Tropical Americas and Caribbean Roadmap. This strategic document charts a path for transformative actions in the region, setting out key priorities, challenges, and opportunities to advance ocean science and strengthen its uptake in decision-making.

CASE STUDY ON OCEAN DECADE CHALLENGE 6: COASTAL RESILIENCE

Global Real-time Early Alarm for Tsunami (GREAT)

False tsunami alarms can cause financial losses, erode public trust, and increase risks when real events strike. To address this, GREAT v1.0 (Global Real-time Early Assessment of Tsunamis) is a software led by Cardiff University using hydroacoustic signals, AI, and advanced modelling to deliver global tsunami assessments within seconds.

Since June 2024, GREAT v1.0 has been operational, successfully offering manual and automatic operation modes. Its analytical models produce global tsunami assessments within seconds, enhancing early warning capabilities. The Integration of Real-Time Hydroacoustic and Seismic Data Access to real-time hydroacoustic data from the Comprehensive Nuclear-Test-Ban Treaty Organization (CTBTO) via IPMA has improved the system's rapid response to potential tsunami events. A novel AI model was integrated into the software, capable of assessing tsunami size globally using acoustic data. This model now plays a central role in enhancing the accuracy and reliability of early warnings. Extensive testing and validation were conducted to evaluate the software's effectiveness in real-time scenarios, particularly in reducing false alarms and collaboration with institutions like Ocean Networks Canada is ongoing to adapt the system to diverse observational networks and utilize low-cost hydrophones. The project has been presented at international forums, workshops, and shortlisted for the Times Higher Education STEM Award. With international deployment ahead, GREAT is set to advance tsunami early warning and coastal resilience worldwide.

More about this Decade Action: https://oceandecade.org/actions/global-real-time-early-alarm-for-tsunami-great/

Informal Working Groups

Informal Working Groups play an important role in advancing the implementation of the Ocean Decade. They provide targeted expertise, strengthen coordination, and support the operationalization of the Decade framework.

The Corporate Data Group (CDG), established in February 2023 by Fugro and the IOC, brings together private sector companies from diverse maritime industries to promote data-sharing for the benefit of science and society. In June 2025, the CDG's work was showcased at the UN Ocean Conference in Nice, where it joined partners in calling for stronger industry commitments to data-sharing, with a specific focus on seabed mapping. Another key milestone was the adoption of its policy recommendation by the IOC Assembly in June 2025, urging Member States to standardize ocean data sharing practices through the establishment of national data-sharing policies and regulations. The CDG also contributed to global dialogue through articles to the *International Hydrographic Review* and the *Marine Technology Society Journal*, which highlighted its Bathymetry Data Sharing Guideline and the opportunities and challenges of unlocking privately held ocean data in support of the Decade and SDG 14.

The third cohort of the Strategic Communications Group, renewed in March 2025 for a period of two years and composed of 30 experts, provides advice on effective communication approaches to raise visibility and engagement across Decade stakeholders. It regularly organizes mentoring sessions with a selection of Decade Actions to provide them with strategic recommendations.

In line with the priorities identified in the Barcelona Statement and the Vision 2030 recommendations, a Gender Expert Working Group was established in February 2025. Comprising 15 gender experts from diverse regions of the world, the Group is working to develop a Gender Action Plan to guide the integration of inclusive policies across Decade Actions, processes, and governance structures.

The Youth Inclusion Expert Working Group (YIEWG-UNOD) was established in January 2025 under the leadership of Heirs to Our Ocean, a DIP. Bringing together 18 young representatives aged 16–25 across all continents, the Group developed a Strategic Action Plan to strengthen structured and meaningful youth engagement in the Ocean Decade. The Action Plan was launched at the 2025 UN Ocean Conference as a model for advancing youth participation throughout the Ocean Decade.

Additionally, the Ocean Decade Expert Roster, which comprises 649 members, offers technical and strategic input on priority-setting and contributes to the review of Programme submissions.

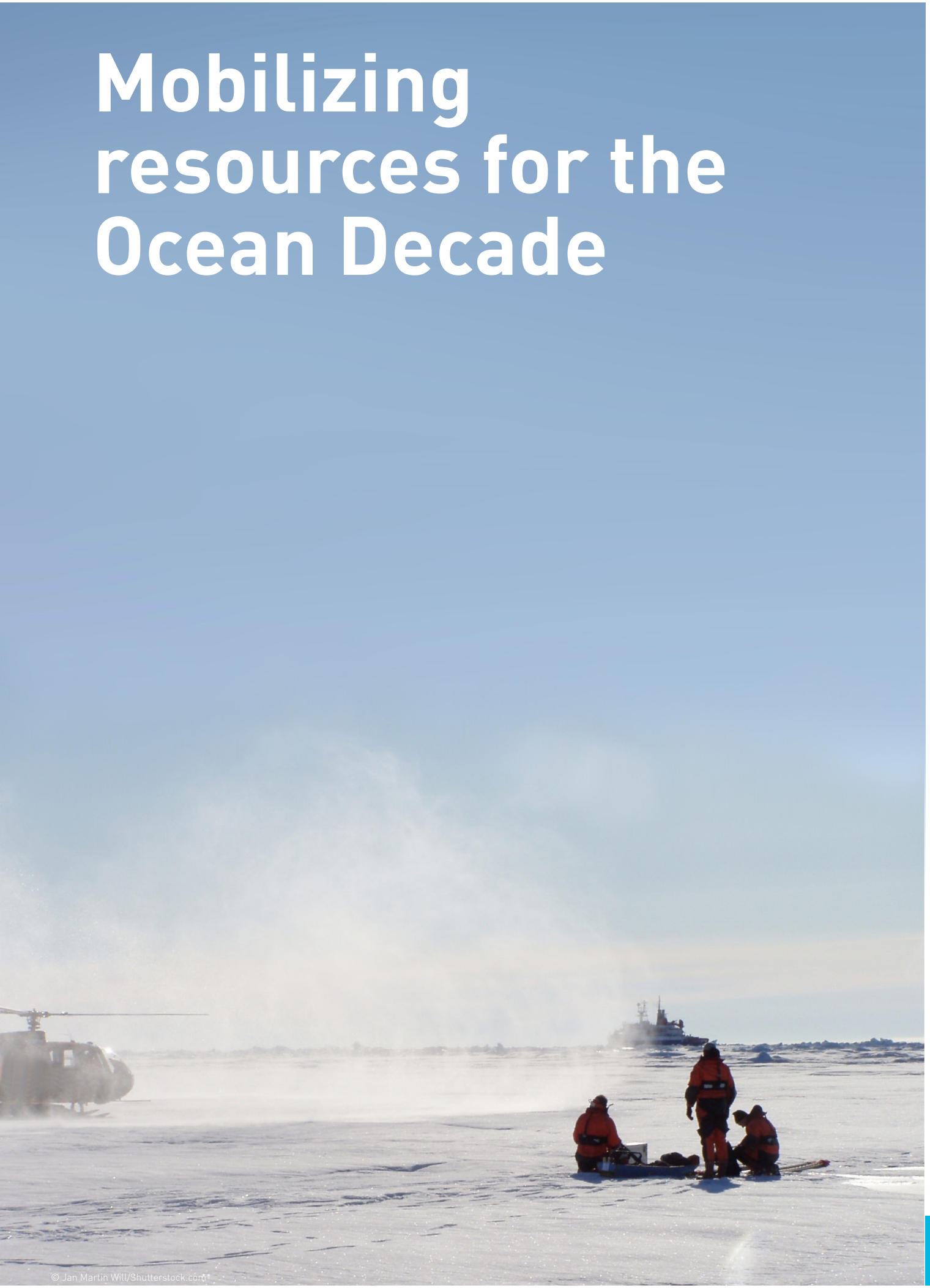
CASE STUDY ON OCEAN DECADE CHALLENGE 8: DIGITAL REPRESENTATION OF THE OCEAN

The Nippon Foundation-GEBCO Seabed 2030 Project

The Nippon Foundation–GEBCO Seabed 2030 Project is working to produce the first complete map of the ocean floor by 2030. This global effort is already delivering remarkable results. In the past year alone, over 4 million square kilometers of new seabed data were added to the GEBCO grid – equivalent to a land area larger than the European Union. Seabed 2030 also strengthened global capacity by supporting training for the next generation of hydrographic surveyors and marine spatial planners, and hosting regional workshops in Oceania, South America, and Africa. The Pacific Ocean Mapping meeting in Fiji (2024) brought together delegates from across the region to share knowledge and shape sustainable ocean plans. Through partnerships, innovation in mapping technologies, and a strong focus on inclusivity, Seabed 2030 is advancing science, governance, and equitable access to ocean knowledge.

More about this Decade Action: https://oceandecade.org/actions/the-nippon-foundation-gebco-seabed-2030-project/

Mobilizing resources for the Ocean Decade



The successful implementation of the Ocean Decade depends on the effective mobilization of both in-kind and financial resources. While resource mobilization remains an important challenge, the 2024–2025 period saw important contributions from several Member States and organizations that provided critical support to Decade implementation including Canada, China, France, Japan, Belgium (Government of Flanders), Norway, Germany, Ireland, Portugal, Republic of Korea, Sweden, Thailand, as well as the Foundation ENGIE, Gordon and Betty Moore Foundation, Prada, REVOcean, and FUGRO.

Engagement with philanthropic foundations continued to strengthen in 2024 through the Ocean Decade Foundations Dialogue. From 3 to 5 September 2024, the Boticário Group Foundation hosted the fourth in-person Foundations Dialogue meeting in Rio de Janeiro, Brazil. Backed by 27 foundations, the 2024 Rio Action Statement provides a strategic roadmap for philanthropy to advance resource mobilization, advocacy, outreach, and partnerships in support of Ocean Decade initiatives. The DCU also collaborates with partners to co-brand and sponsor Calls for Decade Actions. This year, co-branded Calls were carried out with the Belmont Forum, BNP Paribas, the European Commission-led Sustainable Blue Economy Partnership (SBEP), and JPI Oceans.

During the reporting period, the Ocean Decade Alliance grew to 14 Patrons and 21 institutional members. In May 2025, the Alliance launched a Call to Action on seabed mapping to accelerate global ocean floor mapping. Alliance members committed new initiatives and called on governments, the private sector, philanthropies, non-governmental organizations, and academia to join them with additional initiatives that accelerate the mapping of the world's ocean floor and make these data available to all.

Despite these ongoing initiatives, resource mobilization is still a major challenge for the Ocean Decade. Funding is required at both central and decentralized levels to ensure adequate coordination and support the implementation of Decade Actions. As of June 2025, Decade Programmes had secured nearly USD 24 million in financial resources for action and coordination costs. However, effective implementation requires an additional USD 72.6 million, leaving a global funding gap of USD 48.6 million. In terms of in-kind contributions, more than USD 41 million was mobilized, yet there is a remaining gap of USD 18.6 million for action and coordination costs.

In total, USD 65 million was secured by Decade Programmes, while the overall funding needs for the implementation of Decade Actions are estimated at approximately USD 100.3 million. This represents a notable increase compared to the previous reporting period, underscoring meaningful progress in resource mobilization while highlighting the continued need to expand funding to support the implementation of Decade Actions.

Tables 2 and 3: Endorsed Decade Programmes resource needs assessment.

Available resources for implementation of Decade Actions (for action and coordination costs)		
	Available financial resources	Available in-kind resources
	USD 23.9 million	USD 41.1 million
Total	**USD 65 million**	

Funding needs for implementation of Decade Actions (for action and coordination costs)		
	Needs in financial resources	Needs in in-kind resources
	USD 72.6 million	USD 27.7 million
Total	**USD 100.3 million**	

CASE STUDY ON OCEAN DECADE CHALLENGE 9: CAPACITY DEVELOPMENT

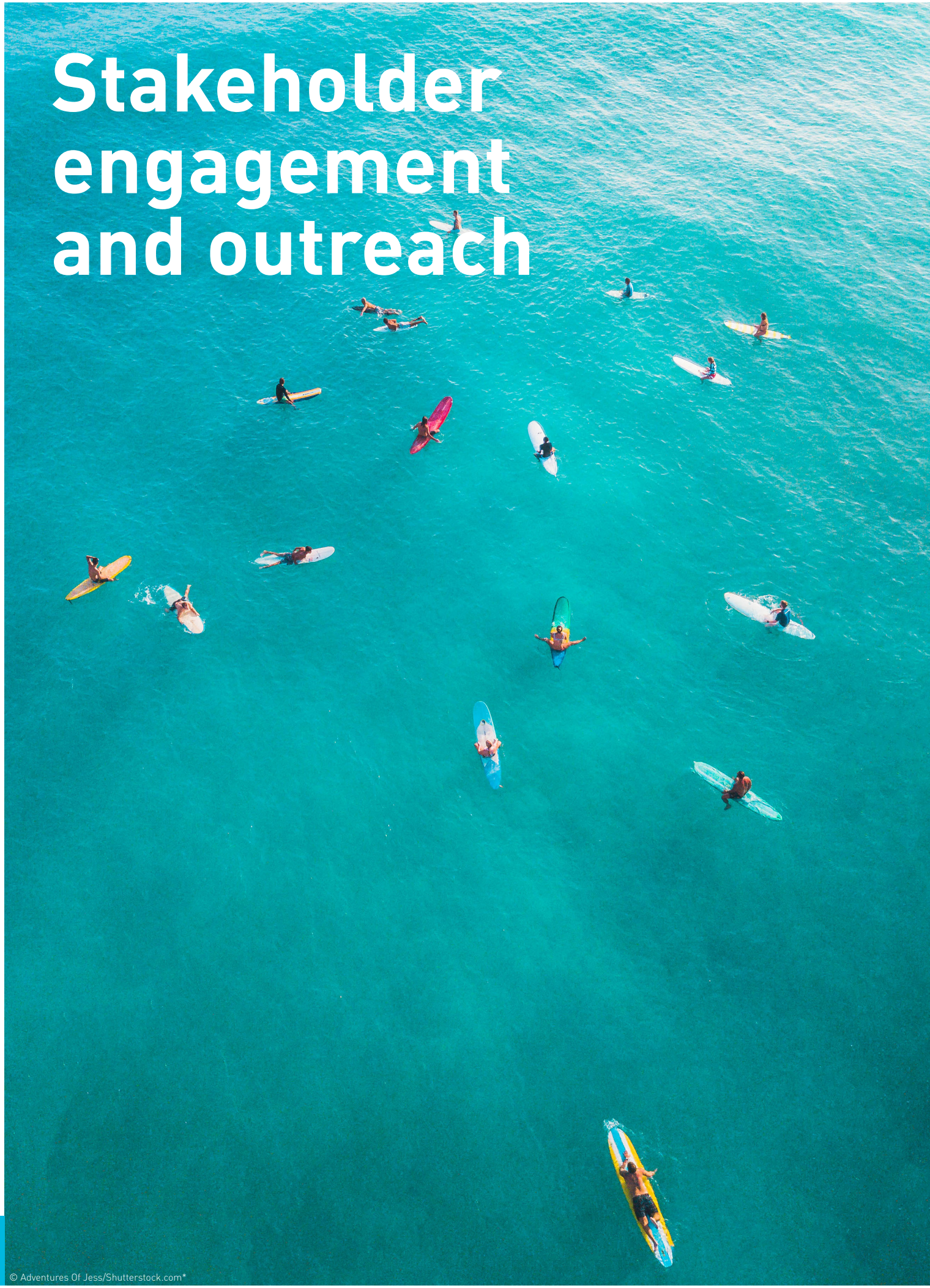
SEAWARD Africa Programme

Led by IOCAFRICA, the SEAWARD Africa Programme aims to provide a coordinated framework for the implementation of the Ocean Decade Africa Roadmap, which provides a vision and plan for diverse stakeholders to convene around a common set of priorities for the implementation of the Ocean Decade in Africa. Structured around four thematic components addressing sustainable management of marine resources, climate change and marine biodiversity, ocean pollution, extreme events and disaster risk reduction, the Programme is supported by a number of enabling and underpinning components including capacity development, technology and innovation, ocean literacy, ocean observations, and data and information.

In 2025, SEAWARD Africa achieved major breakthroughs. The African Scientific Conference on Advancing the Blue Economy brought together leaders from across the continent to accelerate sustainable ocean-based development. A training of trainers on ocean literacy empowered managers of marine and coastal biosphere reserves, transforming them into learning laboratories for sustainable stewardship. Policymakers will soon benefit from a blue carbon ecosystems policy brief, while a landmark study on West Africa's climate vulnerability is generating essential evidence to support resilience and adaptation. Equally important, the Programme is breaking barriers for inclusion. ECOPs gained access to high-level training, local knowledge holders and religious leaders were directly engaged, and women scientists are leading and shaping Decade Actions.

More about this Decade Action: https://oceandecade.org/actions/seaward-africa/

Stakeholder engagement and outreach

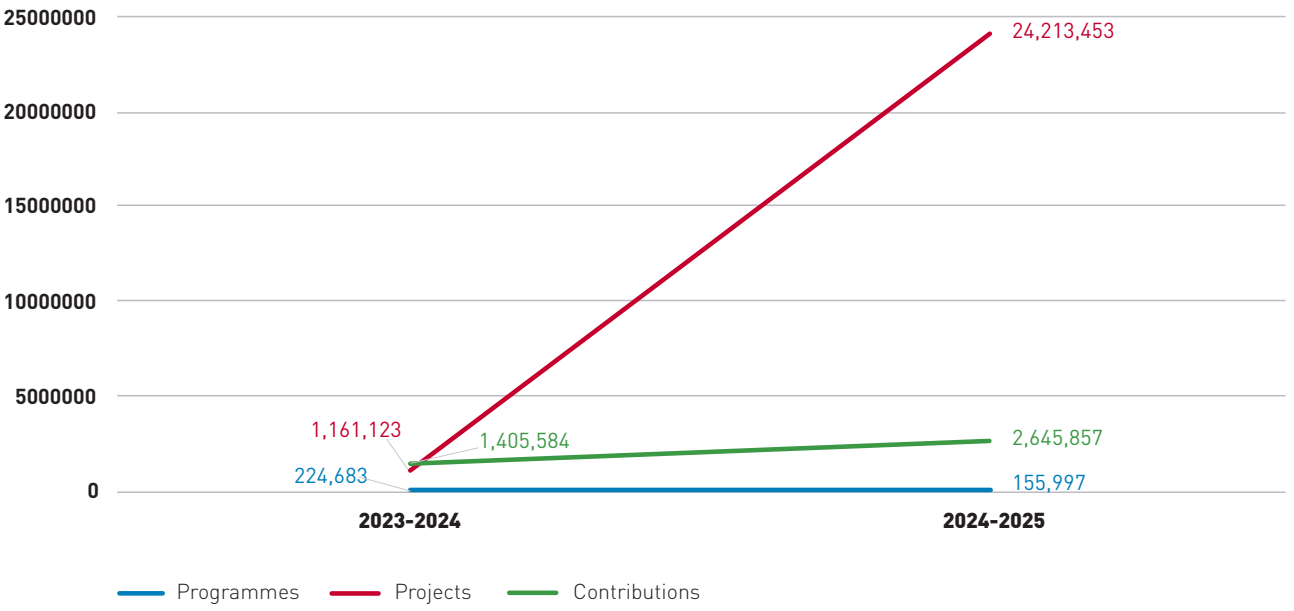


Between July 2024 and June 2025, stakeholder engagement and outreach activities expanded significantly, marking one of the strongest periods of visibility for the Ocean Decade to date. The Decade was showcased at major global events, including COP16 of the Convention on Biological Diversity in Columbia, the First Ocean Decade International Coastal Cities Conference hosted by the Qingdao Municipal People's Government, The Economist World Ocean Summit in Tokyo, as well as the One Ocean Science Congress and the 2025 UN Ocean Conference in France, which was the highlight of global ocean engagement in 2025. With strong engagement across official and side events, including the Ocean Decade Forum, the UN Ocean Conference strengthened the visibility of the Decade on the international stage.

During the reporting period, the Ocean Decade online presence saw impressive growth. The website attracted nearly 382,000 users globally. Page views rose to 843,000 users, representing a 25.7% increase. Finally, the Ocean Decade Network – a digital online community of Decade partners – registered over 10,200 users at the end of June 2025.

Social media engagement also considerably increased over the reporting period, with nearly 50,000 new followers gained, bringing the Ocean Decade audience to close to 124,000. Social media posts reached almost 9.5 million impressions, while the combined social media reach of Decade Actions, DCCs, DCOs, DIPs, and NDCs surpassed 28 million followers.

Figure 11: Evolution of number of Decade Actions social media followers.



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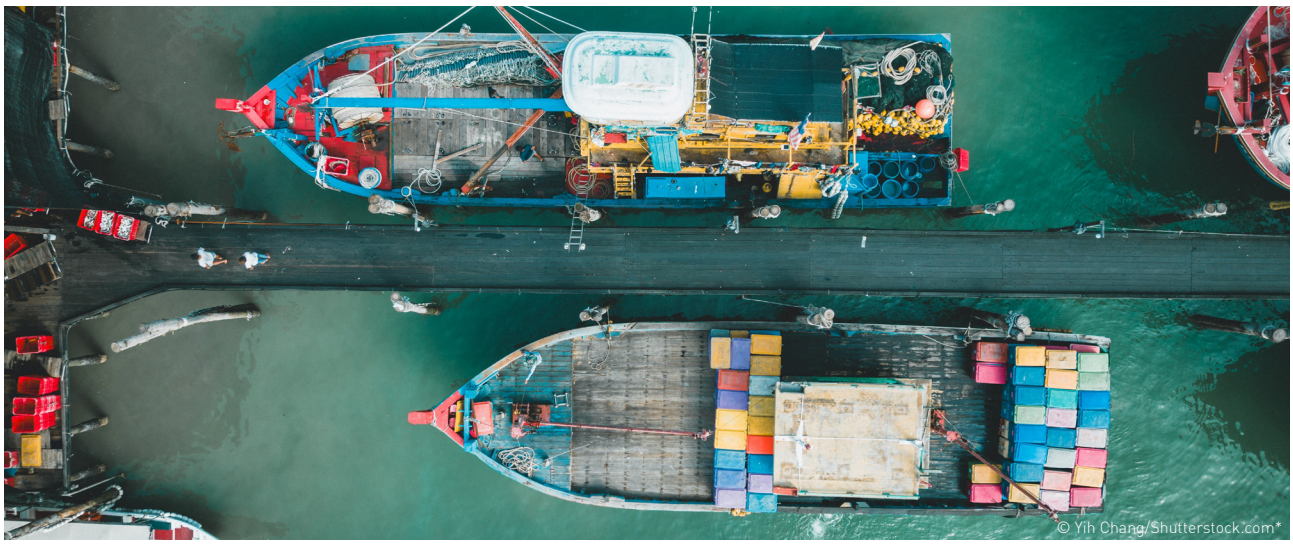

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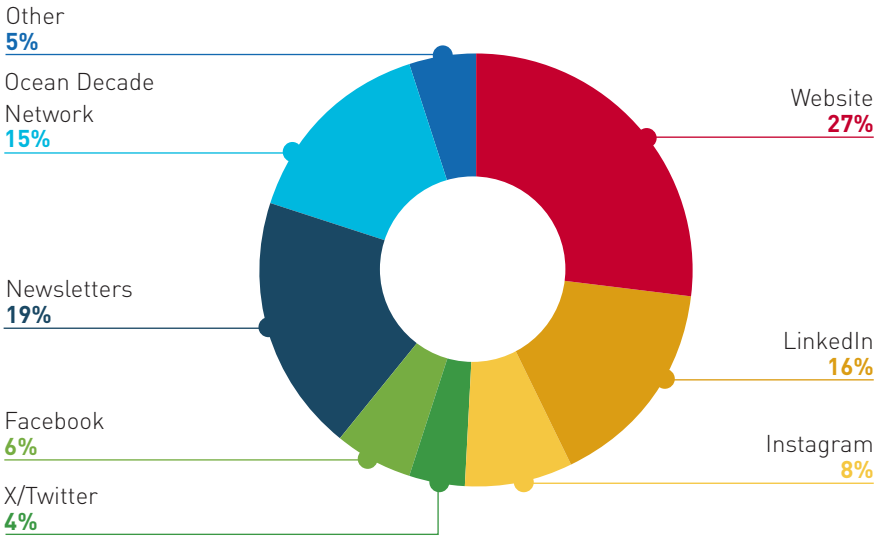
The top three communication channels most frequently used by respondents were the Ocean Decade website (27%), newsletters (19%), and LinkedIn (16%), which remain the primary tools for engaging diverse audiences and ensuring broad dissemination of information.

Figure 12: Most often used communication channels to access Ocean Decade updates.



Complementing these efforts, GenOcean, the Ocean Decade's flagship public engagement campaign, significantly expanded ocean literacy and advocacy worldwide. Launched in February 2025, the campaign uses storytelling and digital engagement to connect younger audiences and civil society with real ocean actions. Over 26 individuals, organizations, and collectives involved in youth leadership and citizen science were featured, with their initiatives showcased on an interactive map that encourages public participation. GenOcean's social media reach continues to grow, averaging over 5,000 views per post on Instagram and 2,000 on LinkedIn. A dedicated TikTok channel highlights youth-led stories, further amplifying inclusivity and accessibility. Beyond visibility, the campaign drove tangible engagement, increasing partner organizations' social media interactions and event participation, and establishing GenOcean as a dynamic, community-driven platform bridging science, storytelling, and action.

CASE STUDY ON OCEAN DECADE CHALLENGE 10: BEHAVIOR CHANGE

Women in blue: gender equity for ocean

Led by the Federal University of São Paulo, the Women in Blue project is driving change by empowering women in marine science, fisheries, and ocean governance, ensuring their voices are central to building a sustainable future. Over the past year, the project has celebrated major milestones. A master's dissertation provided the first comprehensive analysis of gender diversity in Brazil's marine science graduate programmes, identifying institutional and social barriers while recommending concrete actions to foster inclusion. The book *A Wave of Women for the Sea* gave voice to women, including Indigenous and fisherwomen, highlighting their knowledge, resilience, and contributions to ocean conservation. The Marta Vannucci Award honored women scientists in two categories – Young Scientist and Scientist of Inspiration – showcasing excellence and inspiring future leaders. Practical tools such as the *Bate Papo com Netuno* guide addressed harassment onboard research vessels, while the Black Women Working Group workshop created safe spaces to strengthen representation. Through these successes, Women in Blue is amplifying women's leadership, and advancing gender equity at the heart of the Ocean Decade.

More about this Decade Action: https://oceandecade.org/actions/women-in-blue-gender-equity-for-ocean/

Perspectives for the year ahead

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As the Ocean Decade enters its second half, the year ahead will be decisive in translating vision into long lasting impact. Building on the outcomes of the MTE, the Barcelona Statement, and the Vision 2030 Outcomes Report, the Decade now has a clear set of science and knowledge priorities and a roadmap for strengthening delivery mechanisms. This framework will guide future Calls for Decade Actions and resource mobilization efforts, ensuring the Decade remains fit for purpose in a rapidly evolving global context.

In the coming months, priority will be given to implementing the recommendations of the MTE. The DCU will work on streamlining governance and coordination of the Decade, strengthening collaboration across the UN system, and the design of a comprehensive resource mobilization framework. At the regional and national levels, regional taskforces and decentralized coordination structures will continue to play a key role in identifying and advancing national and regional priorities. Particular attention will be given to Africa, SIDS, LDCs, and under-represented regions, ensuring that all communities can participate equitably and benefit from the Decade. Advancing inclusivity, diversity, and equity also remains a central priority across all activities and processes.

Throughout the next 12 months, the global stage will offer important milestones to amplify the work of the Decade. Upcoming events in 2026 such as the Ocean Sciences Meeting in Scotland, Our Ocean Conference in Kenya, the Islands States Ocean Summit in Japan, CBD COP 17 in Armenia and UNFCCC COP 31 will provide further opportunities for action and to develop solutions, build strategic partnerships, and mobilize resources.

Looking further ahead, preparations for the 2027 Ocean Decade Conference are already underway. With Rio de Janeiro, Brazil, announced as host, the Conference will underscore the central role of Latin America and the Caribbean in the Decade. This milestone event will provide an important platform for the Ocean Decade community to celebrate achievements since Barcelona and mark both a final sprint toward 2030 — identifying results to be achieved in the remaining three years — and the beginning of a marathon toward a post-2030 legacy. The Conference is expected to contribute to wider dialogues, including the post-2030 agenda for SDG 14 and ocean science, and link to the 2028 UN Ocean Conference. The Ocean Decade will also ensure strong articulation with other international processes, including the implementation of the BBNJ Agreement, the 2030 Agenda for Sustainable Development, and upcoming UNFCCC and CBD milestones, to maximize the contribution of ocean science and knowledge to global sustainability goals.

Annex: Newly endorsed Decade Actions over the reporting period

Endorsed Programmes

Reference number	Name of Decade Action
4.6	Global Subseafloor Ecosystem and Sustainability (GSES)
3.6	Deep Ocean Microbiomes and Ecosystems
3.7	Global Ocean Artificial Light at Night Network
4.7	Powering the Blue Economy - Global
2.6	Western Indian Ocean Marine Conservation Program

Endorsed Projects

Reference number	Name of Decade Action
1.8	Dark oxygen production in the deep sea
9.6	AquaRio in the ocean decade
10.6	EPIC Academy: Plastic Pollution Education
12.6	F3 Future of Fish Feed
15.6	Streategic Management of Ghost Gear in Coastal Land
16.5	Kelp Forest Challenge
16.6	Ocean Online - web-based information platform
17.6	Interactive World Ocean
22.5	Developing a conservation plan for Maui's corals
24.6	Atlantic Meridional Transect 'omics Network (AMT-omics)

26.6	Blue Links Conservation
32.6	Blue School Portugal
34.6	Seafood Free: Seafood Fishery Resource Ecosystem Engineering
40.6	Small fisheries management in coastal Mozambique (SFMCM)
46.6	WreckLife
50.5	Innovative Solutions for Plastic Free EU Rivers (INSPIRE)
54.6	Adaptive Fisheries Assessment in a Changing Ocean (SAP)
67.6	Trophic Cascades in Coastal Ecosystems (CASCADES)
68.6	UNESCO Chair OceanExpert
76.6	Climate Resilient - Marine Spatial Planning Project
81.6	Women, heritage & navigation in the Pacific
83.6	Empower Ocean
89.6	Solutions for Cost-effective Ocean Observation (SCOOPp)
94.6	Sea Academy+
95.6	Global MSP 2060 under the ONCE program
11.6	Sistema de Alerta, Predicción y Observación
13.5	NileClean: Combat Plastic Pollution in the Nile
19.5	Clean Water for Reefs: Tackling Wastewater
22.6	MINKA citizen science observatory
25.6	Blue House Fellowship Programme
27.6	My Blue Future – propelling women ECOPs
28.6	SEA2SEE
29.6	Plastics as a vector for spread of AMR
38.4	Gamifying tools to increase Coastal resilience
49.6	SPACEWHALE for designating Marine Protected Areas
50.6	Forever chemicals in the marine environment
53.6	Making Oceanography Data Available to All
56.6	GIRT Scientific Divers
64.6	Digital Observing System of the Yucatan Shelf

75.6	Guiding youth to become green change ambassadors
79.6	OceanGreen
80.6	Bougainville Project
86.6	Plankton Biodiversity Through Remote Sensing And Omics
90.6	Environmental Vulnerability Mapping, West Africa
91.6	OceanWISE: Indigenous Knowledge Alliance
92.6	A new vision for coastal resilience
96.6	EUceano
84.6	DAN.PADI Ocean Literacy Training Program
6.7	Boosting Women's access to Maritime Training
7.7	Tracking ghost gear and Recovery Resource
8.7	Biofábrica de Corais: Integrated Reef Restoration
9.7	EDITO contributing to the DITTO
10.7	OZEAON
11.7	Coastal Blue Carbon from Space
12.7	A US Ocean and Great Lakes Literacy Strategy
13.7	KOR-IND Ocean Tech Capacity Enhancement Actions
14.7	Korea-Indonesia Coastal Ocean Env. Survey Training
15.7	Remote sensing of Underwater Cultural Heritage
16.7	North Atlantic Carbon Observatory
17.7	Reef Revival Initiative
19.7	Marine Environment Reanalyses Evaluation Project
20.7	Protecting Marine Life from Toxins
22.7	Chinese Regional Hub for Blue Carbon
24.7	Global Integration of Seabird Time Series
25.7	Thalassophile Project: Accessible Ocean Literacy
26.7	Deep-ocean exploration and observation twinning
27.7	The Centre for Sustainable Ocean Science
28.7	Ressoa Oceano Network

29.7	Alfabetización Oceánica Colombia
31.7	Co-Management Models for Fisheries & Ocean Health
32.7	Digital Habitat of Deep-sea and polar Fisheries
33.7	Coral reef health monitoring
35.7	Nature-inclusive designs for offshore renewables
36.7	WADER: Water and Degraded Ecosystem Restoration
38.7	Marine Restoration with Nature-based Solutions
39.7	Deep Ocean Observation to Predict Climate hazards
40.7	Ti Whale An Nou: Cetacean Future in the Caribbean
41.7	ShaRED Sea, towards a plastic-free Red Sea
43.7	Educating a Blue Generation
46.7	GAME (Global Approach by Modular Experiments)
48.7	ANEMONE Global
49.7	Pearl River Delta Estuary Marine Restoration
51.7	Seatrees: Community-Powered Ocean Restoration
52.7	EPOS Thematic Core Services TSUNAMI
53.7	World Ocean Day for Schools
54.7	AtlanticSENSE
56.7	Nestlé Purina Petcare Europe Ocean Restoration
57.7	Marine Spatial Planning Addressing Climate Effects
58.7	Korean Network of Oceanic Teams
60.7	Kelp forests in the Anthropocene
61.7	NaturCap. Take Care of Cap de Creus
62.7	Aotearoa New Zealand Marine Carbon Forum
63.7	CoastSnap Community Beach Monitoring
64.7	Coastal hazards mitigation in Asian major deltas
65.7	Cerulean Information Factory (CIF)
66.7	Ocean Wise Shoreline Cleanup
67.7	Sustaining AGITHAR towards a Global Tsunami Model

68.7	Blue Tourism Initiative
69.7	Earth Observation on Deltas and Estuaries
71.7	Blue Horizon
75.7	Soneva Foundation Coral Restoration
76.7	Global Coastal Bathymetry Observation
77.7	Project 19
78.7	Building coastal resilience against climate change
79.7	Global Sounds: Low-Cost Hydrophone Project
80.7	Opportunity Ships for Ocean Oxygen
81.7	SeaChange
85.7	Tsunami Ready Odisha
86.7	INCOIS Submarine Cable Multi-Parameter Observatory
87.7	People Centred Tsunami early warning for India
547	Whole of Seabed Programme
36.6	Inclusive and Responsible Marine Management
18.7	Posidonia Soundscapes: Conservation & Music, Ibiza
23.7	Coastal Conservation and Protection Project
37.7	Digital REconstruction of Abyssal habitat Map
47.7	Voices of the Ocean Decade: A Tour of the World
84.7	The Future West African Marine Ecosystem
6.8	Edges of Earth: A Driving Force for Change
10.8	BRIDGES Research Program
11.8	The Green Sink Initiative
15.8	Ocean Literacy with USA Blue Schools
18.8	Australian Microbiome
19.8	NbS in conflict-affected coastal communities
22.8	Integration of Socio-Ecological Aspects into DTOs
23.8	Serious Game promoting maritime heritage awareness (CREAMARE)
29.8	Think Ocean Challenge

30.8	African Ocean Biodiversity Atlas
37.8	Plastic Clever Schools
39.8	Mediterranean Sea People's Observatory Data
45.8	NEAM-COMMITMENT
50.8	A Sea of Connections: Valuing Reef Passages
52.8	BlueDOT - Divers for Ocean Temperature
53.8	Monitoring CECs impacts in European Seas
55.8	Action Plan for the Ocean
56.8	Marine Heatwaves International Working Group
62.8	Ocean Accounts for Sustainable Ocean Development
65.8	Ocean Citizen Science Project
66.8	Carbon Cycles in Huang-Bohai Sea Wetlands
73.8	Sustainable Ocean Management Program
88.7	FISHTWIN
3.8	Global Climate Impacts of Methane Seeps
4.8	Arctic Ocean 2050
59.8	SAFE TUNA [System and Application for Excellence]

Endorsed co-branded Projects

Reference number	Name of Decade Action
NOR01	Biodiversity in Northern European Seagrass meadows - drivers, responses and resilience (NORSE)
NOR02	Anthropogenic impacts of climate change and fisheries on reproductive and offspring performance of high-latitude marine fishes (ANTHROCOD)
NOR03	Towards economic, environmental, and social sustainability in the Norwegian salmon farming industry (REBALANCE)
NOR04	Sustainable aquaculture industry waste valorization through recycling (SEA-CYCLE)
NOR05	Kinship-based assessment of Norwegian coastal cod to determine sustainable harvest levels and protect genetic diversity in fisheries (COASTAL-KIN)
NOR06	Novel perspectives on non-invasive cetacean research using microRNA biomarkers in the exhaled breath (blow)

NOR07	Characterizing the migratory strategies of Atlantic lumpfish to improve stock assessment of this commercially important species (ECOLUMP)
NOR08	Non-invasive biological warning systems: monitoring of farmed fish and environment to improve welfare in aquaculture systems (BIOWASYS)
NOR09	Marine resource gathering and infrastructure in the Norse North Atlantic (MARGAIN)
NOR10	Assessing spatiotemporal dynamics in herring population structure under climate change (HERPOPS)
NOR11	Computer Vision and Artificial Intelligence based Salmon Identification and automated long-term welfare assessment in aquaculture net-pens (cAIge)
NOR12	Migratory Crossroads: predicting the dynamics of a great vertical migration in a changing habitat
NOR13	From Climate Drivers to Antarctic Ice Sheet Response: Improving Accuracy in Sea Level Rise Projections
NOR14	Reconstructing the biological carbon pump with ancient plankton DNA (BIOCAP)
NOR15	Climate Change impact on the marine Coastal ecosystem of Kerala (C3-eKerala)
NOR16	Present and past climate change impacts on Norwegian fjord ecosystems (PASTIME)
NOR17	HubSmolt: a novel genetic locus defining seawater consequences of freshwater rearing conditions in Atlantic salmon (HubSmolt)
NOR18	Long-term effects of environmental changes on Arctic seabirds: effects of seasonal distribution and contamination on population dynamics (ACCUMULATION)
NOR19	Welfare conscious capture and slaughter of Atlantic bluefin tuna (Thunnus thynnus L.) in the Norwegian rod and line fishery
NOR20	Does feed-borne exposure to emerging mycotoxins during the freshwater phase affect salmon growth and performance later in life? (MYTOXA)
NOR21	The Hidden Toll of Lice (Hitlice)
JPI-006	IndicatorS Of changing Lightscapes in Underwater Marine Ecosystems
JPI-007	Impacts of artificial light at night on pelagic ecosystems in European seas
SBEP01	Innovative applications of postharvest fish losses
SBEP02	Quieting Oceans for a Sustainable Future
SBEP03	Floating islAnds for Multi-use Offshore Spaces
SBEP04	EU shellfish genetic boost for climate resilience
SBEP05	Boosting seaweed farming with genetic resources
SBEP06	Rare Earth Element Reduction in Ocean Green Energy
SBEP07	Sustainability in the European aquaculture

SBEP08	Better Data for Marine Spatial Planning in the Med
SBEP09	DEVELOPMENT OF BLUE FOOD&FEED BIOREFINERY
SBEP10	Digital Twin of the Ocean for Arctic Fisheries
SBEP11	BLUEBOOST Low trophic species to boost aquaculture
SBEP12	FOODIMAR
SBEP13	Digital Twin of the Ocean: Animal Tracking
SBEP14	AQUAFEED UPGRADED

Endorsed Contributions

Reference number	Name of Decade Action
535	BlueMissionAA
540	Pan-Arctic Distributed Biological Observatory
546	Development of comprehensive tsunami software
549	Enhancing capacity for global coastal resilience
550	Coastal Resilience through Knowledge & Capacity
551	Shaping Research Leaders for Marine Sustainability
553	International Coral Reef Society
555	MS in Science and Design for MSP
556	FAPESP Program on South Atlantic and Antarctica
559	Belmont Forum Ocean Collaborative Research Actions
560	OceanX and OceanQuest Around Africa Mission
561	C&BI - Ocean & Coastal Ecosystems
557	EU Ocean research and innovation
822	Ocean Decade International Cooperation Center, China
823	EU4OceanObs
824	Center for Ocean Leadership
825	Ocean Networks Canada

30.7	ProtectedSeas Navigator
45.7	Centers for Oceans and Human Health
558	MMOA IMarEST Bursary for Aspiring MMOs
565	Kogia's Oceanic Library
569	ESB Marine Mammal Observer Training Programme
571	West and NOC Science Bursary
572	Malizia Explorer Science Sailing Vessel
567	Miniaturwunderland-Ralley
568	Ocean Science Exhibition
827	National Marine Educators Association
543	Developing Expertise Via Education and Learning (DEVELOP)
566	ALDEBARAN
574	National Geographic Perpetual Planet Ocean Expeditions
575	Building Bridges-Science, Policy and Society
577	All-Atlantic Floating University Network
828	China Oceanic Development Foundation
829	Institute of Marine Engineering, Science and Technology
830	Swiss Polar Institute

Registered UN Actions

Reference number	Name of Decade Action
UN39	Ocean Solutions in the East Asian Seas
UN40	Enhance coastal resilience to sea level hazards
UN41	Protect Restore Ocean Capital and Blue Economies (PROCARIBE+)
UN42	WESTPAC International Marine Science Conference
UN43	Sustaining Our Oceans

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