

Portuguese National Ocean Decade Committee



CNDO - Portugal
Comité Nacional - Década do Oceano



2021 United Nations Decade
2030 of Ocean Science
for Sustainable Development

Com o Alto Patrocínio
de Sua Excelência
Under the High Patronage of the
President of the Portuguese Republic



O Presidente da República



PORTUGUESE NATIONAL OCEAN DECADE COMMITTEE



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2021 United Nations Decade
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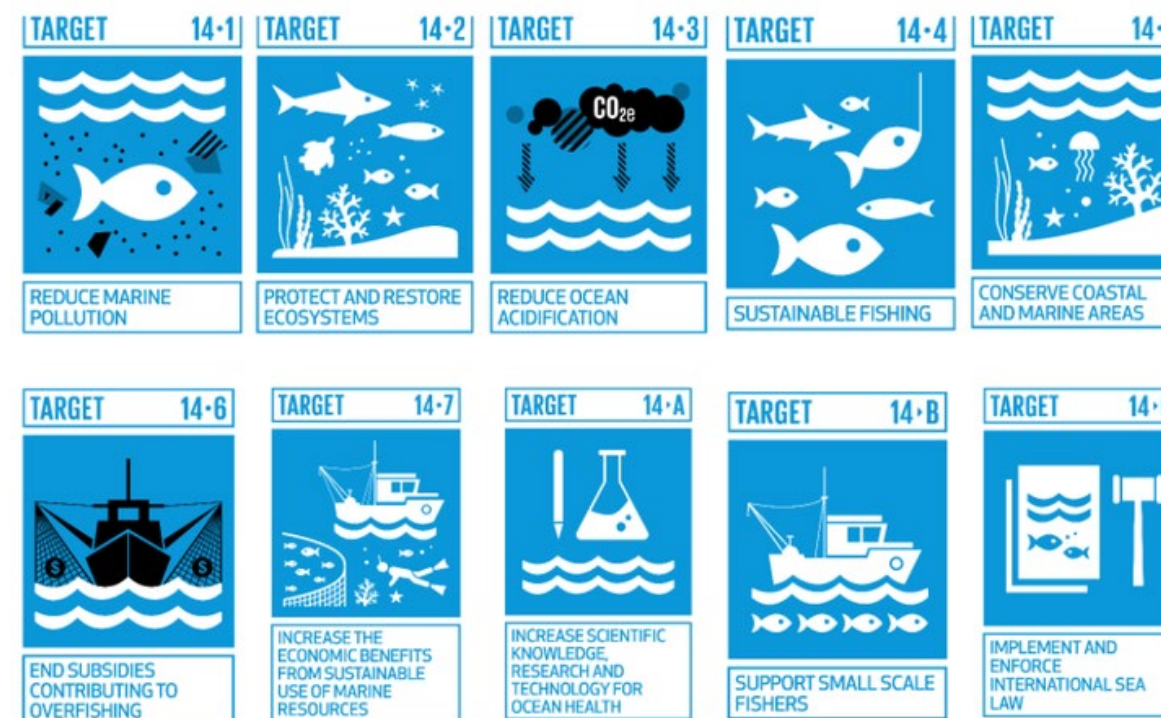
Network of the 43 Ocean National Decade Committees

- Regular online meetings
- 1st in-person meeting during the Ocean Decade Conference (Barcelona, 04/24) (1500 participants; 6000 pre registrations)



Mission of the Portuguese National Ocean Decade Committee (CNDO)

To promote and coordinate Portugal's actions towards achieving the objectives of the United Nations Decade of Ocean Science for Sustainable Development with a particular focus on the Atlantic, closely aligned with the Sustainable Development Goals of the 2030 Agenda, especially concerning SDG 14 Conserve and sustainably use the oceans, seas, and marine resources for sustainable development.

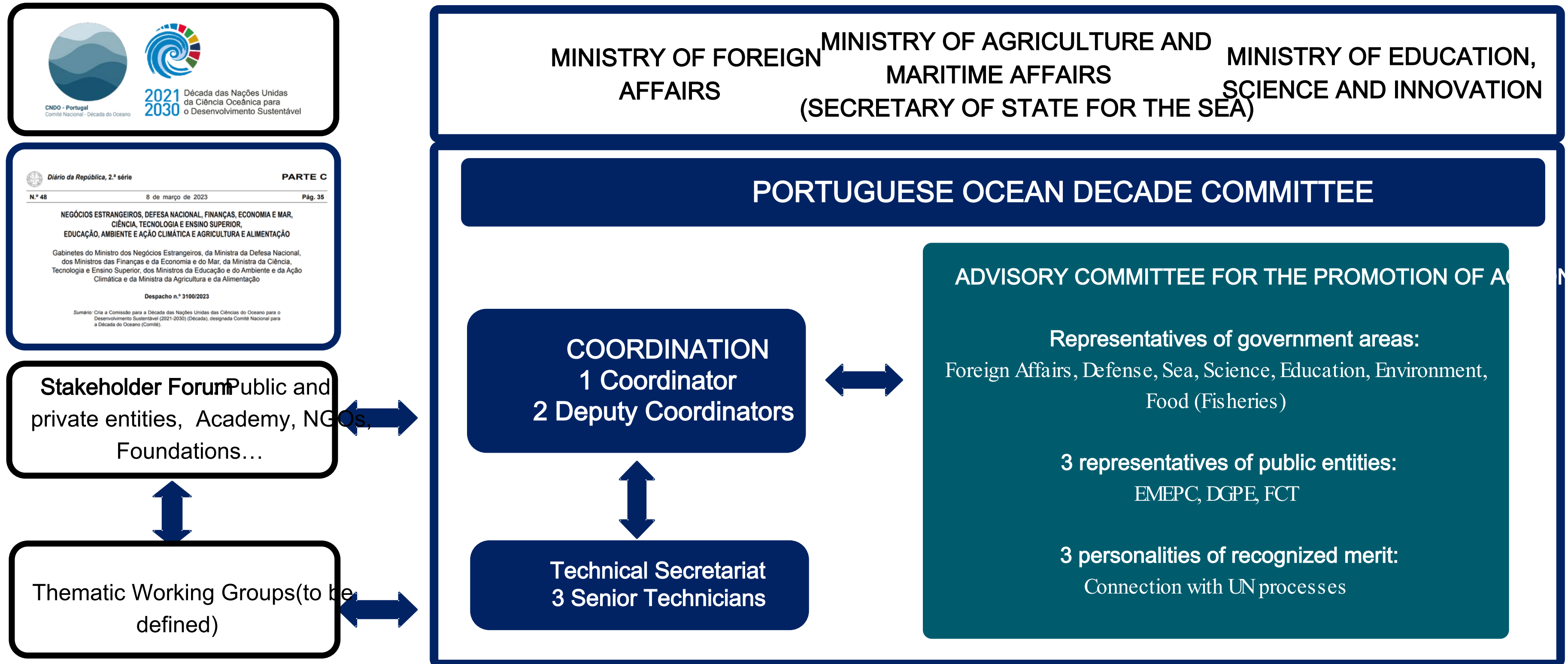


Goals of the Portuguese Ocean Decade Committee:

- Identify ***ongoing actions*** that can contribute to the Decade objectives and promote ***inter-institutional cooperation and coordination***.
- Identify ***actions to be developed*** at the national level to achieve the Decade's objectives and ensure their ***implementation sustainability*** after the Decade's conclusion.
- Foster ***cooperation and coordination*** with ***counterpart entities in other Member States***, particularly within the CPLP (Community of Portuguese Language Countries).
- Promote ***connection and coordination*** with other ***ongoing UN Decades*** (e.g., the Decade on Ecosystem Restoration).
- Encourage ***civil society engagement*** and mediate the Stakeholder Forum.
- ***Communicate and disseminate*** the Decade's activities to the wider public.



Structure - Portuguese National Ocean Decade Committee



CNDO Coordination



Coordinator:
Luís Menezes Pinheiro



Deputy Coordinator:
Maria João Bebianno



Deputy Coordinator:
Telmo Carvalho



Advisory Committee

Representatives from government sectors, serving in advisory and ~~promotion~~ roles, representing ministerial offices. Their information shall be updated in coordination with the relevant government agencies.

- **Foreign Affairs** Filipe Ramalho Ortigão Diplomatic Advisor to the Minister of State and Foreign Affairs
- **National Defence** Ana Trindade, Technical Specialist to the Secretary of State for National Defense
- **Sea** André Guimarães Technical Specialist to the Secretary of State for Fisheries and the Sea
- **Science** (awaiting designation)
- **Education** (awaiting designation)
- **Environment** Fernando Teigão Advisor to the Minister for Environment and Energy
- **Food** Carolina Fernandes, Technical Specialist to the Secretary of State for Fisheries and the Sea

Advisory Committee

3 Representatives from Public entities of the 3 ministries (these updated in coordination with the relevant government areas).

Foreign Affairs (DGPE): José Guedes de Sousa

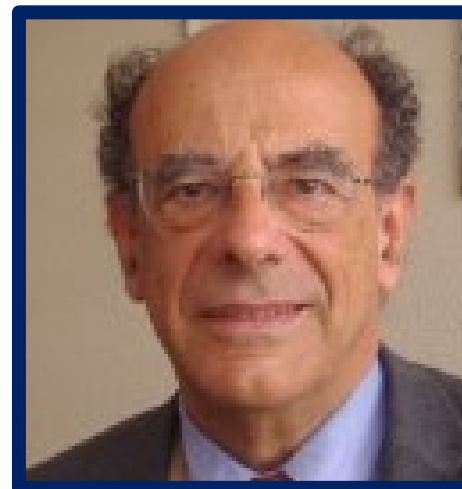
Sea (EMEPC): Mónica Albuquerque

Science (FCT): Marta Norton

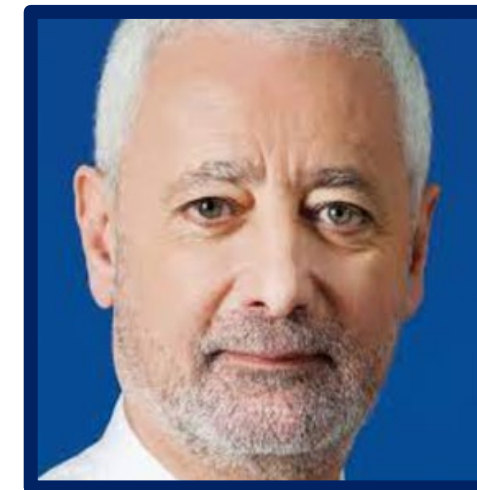
3 personalities of recognized merit with experience in United Nations processes



Maria Eduarda Gonçalves



Filipe Duarte Santos



António Sampaio da Nóvoa

Stakeholder Forum

- **Contributes to the guiding documents** to be submitted by the Coordination to the governing bodies.
- **Contributes with experts to integrate the Thematic Working Groups.**
- **Contributes with suggestions for specific actions** to be developed within the Decade.
- **Inclusive, composed of representatives from various state entities and civil society organisations** (Universities, State laboratories, industrial and business sectors, Philanthropies, NGOs, and NGDOs).



**1st STAKEHOLDER FORUM MEETING
24TH MAY 2024**

Current Composition of the Forum

Associated Laboratories, Collaborative Laboratories, Research Centres and Units in oceansciences, State Entities, Civil Society, Private Sector, NGOs

61 ENTITIES

- Academia das Ciências de Lisboa
- Academia de Marinha
- Academia de Saberes de Aveiro
- ACTUAR
- AIR Centre
- ANI
- ANMP
- ANP/WWF
- Aporvela
- Aquário Vasco da Gama
- ARNET
- Associação de Portos Portugal
- Associação Portuguesa de Aquacultores
- Associação Portuguesa do Lixo Marinho
- CCDR Alentejo
- CCDR Algarve
- CCDR Centro
- CESAM
- CFE
- Ciência Viva
- CIMAR Laboratório Associado
- Clube Náutico da Boa Esperança
- CNC
- CNJ
- CNU
- Colab +Atlântico
- Colab B2E
- Colab Net4CO2
- DGPM
- Docapesca
- EMEPC
- ESTM-IPL
- EurOcean
- EstudoEmCasaApoia
- Fundação para a Ciência e Tecnologia
- Fórum Oceano
- Fundação Calouste Gulbenkian
- Green Colab
- ICNF
- IDL
- IH
- INESC TEC
- IOI Ocean Academy Portugal
- IPDJ
- IPMA
- LNEC
- Lotaçor
- LSTS/FEUP
- MARETEC
- Museu Marítimo Ílhavo
- OKEANOS
- OOM
- S2AquaColab
- Sciaena
- Sec. Reg. Economia, Mar e Pescas, RAM
- Sec. Reg. Educação, C&T, RAM
- SEDES
- Skipper&Wool
- Sociedade de Geografia de Lisboa
- SPEA
- WAVEC

Protocols



Lisbon Academy of Sciences, 24th January 2024



Marine Academy, 24th January 2024



Lisbon Geographic Society, 24th January 2024



Academy of Knowledge of Aveiro, 24th January 2024



Almada-Seixal Local Health Unit (within the "Marinheiros da Esperança" project), 24th January 2024



Portuguese Task Group for the Extension of the Continental Shelf, 20th February 2024



Autonomous Study Project Team, 5th June 2024



Ilhavo Maritime Museum, 11th January 2025



Aporvela, 28th January 2025



Atlantic Centre, 28th January



Letter of Commitment from CRUP (Council of Rectors of Portuguese Universities) supporting the Objectives of the Ocean Decade and the Actions of the Portuguese National Ocean Decade Committee (CNDO)

CNDO's Anchor Activities

Thematic Working Groups Engaging relevant stakeholders to advance the Decade's objectives in priority areas, propose solutions based on the best available science, and identify gaps and/or needs for further actions at the national level, and/or addressing priorities

Identify priority themes for **National Research and Innovation Programme in Marine Sciences and Technologies** aligned with the Decade's objectives.

Annual International Ocean Meeting Ocean Sustainability Science, Decision Making and Society, organised by CNDO in collaboration with other institutions, to take place on World Oceans Day (8th June), held in different locations each year.

4-5 December 2024 Sustainable Ocean Fisheries and Future Blue Food
11-12 December 2025 Ocean and Human Health

Outreach Sessions on the Ocean Decade's Objectives "The Ocean We Want," directed at the general public, to be held throughout the Decade in various cities across the country.

8th June 2024 Ocean Festival Praia Grande Sintra SaltyWay

Cultural Sessions on the Ocean Theme "The Ocean that Unites Us" Sessions on Music and the Sea (including commented concerts), literature, cinema, painting, and photography, to be held in various cities across the country.

Digital Communication

Linkedin (created in July 2024)

1124 followers

53.818 impressions

Website (de 08/04/2025 a 04/09/2025)

752
users

1247
sessions



Comité Nacional para a Década do Oceano - CNDO

A Ciência que precisamos para o Oceano que queremos, unindo as pessoas e o Mar

Administração do estado e da política econômica e social · Lisboa · 1 mil seguidores · 2-10 funcionários



Joint Actions with Government Sectors

SEA

- Collaboration in Ocean Literacy Blue Schools Program.
- Alignment of the Decade's challenges with the National Ocean Strategy 2020-2030.
- Promotion of Knowledge and Innovation in Blue Carbon.
- Promotion of Knowledge and Innovation in the Blue Economy.



SCIENCE

- Identification of priority themes for a National Research and Innovation Programme in Marine Sciences and Technologies aligned with the Decade's objectives.
- Identification of areas for Advanced Training to empower highly qualified human resources, based on established partnerships with MECI and other government sectors (such as those already established with the Ministry of the Sea).
- Maintenance of research infrastructures related to the sea and included in the European Strategy Forum on Research Infrastructures (ESFRI) agenda.
- Funding of ship time for projects funded by FCT or the EU.

Joint Actions with Government Sectors

FOREIGN AFFAIRS

- Joint actions with the Portuguese Committee for the IOC/UNESCO.
- Collaboration with the National Commission for UNESCO on various topics related to the Decade's objectives, including Biosphere Reserves, UNESCO Chairs, and the UNESCO Associated Schools Network.



ENVIRONMENT

- Actions combating marine pollution, including terrestrial sources
- Awareness raising actions on the protection of the marine environment at the national level
- Collaboration in the domain of Marine Protected Areas
- Collaboration in identifying measures for the adaptation of coastal territories to climate change
- Alignment of actions for harnessing the renewable energy potential of the Ocean with the Ocean Decade objectives

Joint Actions with Government Sectors



DEFENCE

- Integration of the Ocean Decade objectives in the National Defence Strategy Action Plan for the Environment, Security, and Climate Change
- Follow-up of the programme for mapping maritime areas under national jurisdiction until 2030
- Follow-up of the IH-SensorTech project, within the framework of the Atlantic Defence Operations Centre for the development of ocean sensors and data systems in the field of marine sciences
- Follow-up of the implementation by the Hydrographic Institute of the new geospatial data infrastructure for maritime navigation
- Follow-up of the modernisation and expansion by the Hydrographic Institute of the environmental monitoring network of the Portuguese sea
- Promotion of the Window to the Ocean project, led by the Vasco da Gama Aquarium to spread ocean knowledge among young people
- Promotion of the Native Fish Conservation Project, led by the Vasco da Gama Aquarium in collaboration with MARESPA, for the conservation of endangered native species of the Iberian Peninsula

Joint Actions with Government Sectors

EDUCATION

- Distribution of educational resources to schools within the scope of the Autonomous Study Project Team on ocean related commemorative dates
- Survey of ongoing and planned actions by the Nautical Sports Training Centres of School Sports, within the scope of raising awareness for the knowledge and protection of the Ocean
- Expansion of the Educating a Blue Generation (EGA) programme to the secondary school curriculum and mapping of Essential Learning on Ocean Literacy and associated themes
- Teachers' training through actions of the Ocean Teacher Global Academy – Regional Training Centre Portugal in collaboration with DGE

FOOD

- Endorsement by the Ocean Decade of the project “Fisheries for a Sea Without Litter” and expansion to recreational fishing/divers
- Public sessions on the promotion of national fish products



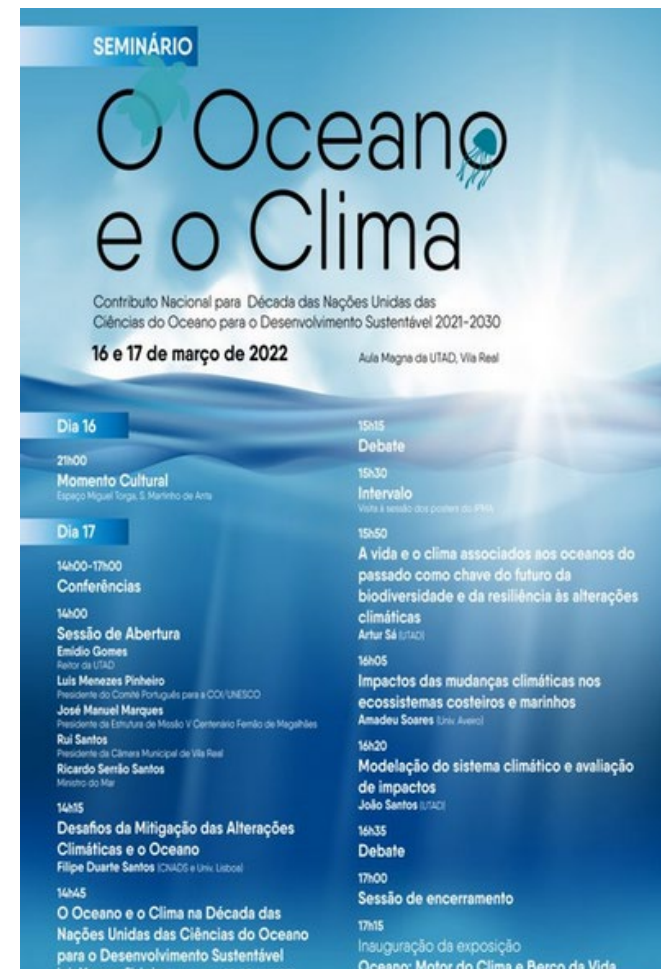
Joint Sessions with the Portuguese Committee for the IOC/UNESCO, within the scope of the Ocean Decade



Academy of Sciences of Lisbon
14 February 2020



Academy of Sciences of Lisbon
16 November 2021



University of Trás-os-Montes
and Alto Douro, 16-17 March
2022



Academy of Sciences of Lisbon, 21
March 2022



University of Aveiro,
22-23 May 2023

Actions in 2024

INTERNATIONAL CONFERENCE
**SUSTAINABLE FISHERIES
& FUTURE BLUE FOOD IN THE
NORTH ATLANTIC**

4-5 DECEMBER 2024

Auditorium of IPMA, Algés

Organized by:                                                

Co-organized by:                                                

Supported by:                                                

Co-organizado por:                                                

Com o Alto Patrocinio de Sua Excelência
O Presidente da República



Portuguese Sustainability Day Celebration
SCIENCE TO ACHIEVE SUSTAINABLE DEVELOPMENT
Geographical Society of Lisbon, September 25th, 2024

09h00-10h00: OPENING SESSION
Ministerial address
A sustainable ocean economy. Peter Haugan, Norwegian Expert Co-lead to the High Level Panel for a Sustainable Ocean Economy

10h30-12h30: PANEL ON SUSTAINABLE DEVELOPMENT AND SCIENCE
Moderator: Maria João Bebianno, CIMA/ARNET & University of Algarve
Rapporteur: Miguel Marques, Geographical Society of Lisbon
The three Global Sustainable Development Reports 2016, 2019 and 2023. Susan Roberts, Nat. Academies, USA
The UN Decade of Ocean Science for Sustainable Development. Vidar Helgesen, Intergovernmental Oceanographic Commission Executive Secretary
Sustainability Science. Franklin Carrero-Martinez, Nat. Academies, USA
Discussion

13h00/14h15: LUNCH BREAK

14h30/16h30: PANEL ON SUSTAINABLE DEVELOPMENT AND SCIENCE IN PORTUGAL
Moderator: José Guerreiro, Portuguese Institute for the Sea and the Atmosphere
Rapporteur: Luisa Schmidt (tbc), ICL, University of Lisbon
Portugal and the Agenda 2030: a diplomatic multilateral perspective. José Guedes de Sousa, Ministry of Foreign Affairs
The Portuguese Council for the Environment and Sustainable Development. Filipe Duarte Santos, President of the Portuguese Council for Sustainable Development
Sustainability at Portuguese universities. Ana Miranda, University of Aveiro
The University of Lisbon's PhD in Sustainability Sciences: Resources, Food and Society. Luís Galvão, Deputy coordinator of the doctorate program
Sustainability and Health. Luís Campos, President of the Portuguese Council for Health and Environment
Discussion

17h00/18h30: CLOSING SESSION



Actions in 2025

70 participants

SURFING THE BLUE

Navigating Ocean-Funding Opportunities

09 MAIO 2025

Auditório Adriano Moreira
da Sociedade de Geografia de Lisboa



BLUE WINK-E
2025 WORKING FOR INNOVATION
AND KNOWLEDGE EXCHANGE

B2EColab

OCEAN in LOOP

SAVE THE DATE


JUN 06
PORTO CRUISE TERMINAL
MATOSINHOS, PORTUGAL



IH, IPMA, CIIMAR, CNDO, CP

Workshop “One Ocean” , Azores Uni, 5-7 julho

Organized by: Bergen University, Azores University (CIBIO/InBio Azores e OKEANOS), Texas University A&M, CNDO, CP-COI, with support from teh Norway Embassy in Lisbon and the UT Austin-Portugal Programme



Actions in 2025- UNOC 3



Maria João Bebianno in Ocean Action Panel7,



NDCs meeting



Ocean Alliance Meeting

Ocean Decade Voices



Miguel Marques



Ana Príncipe



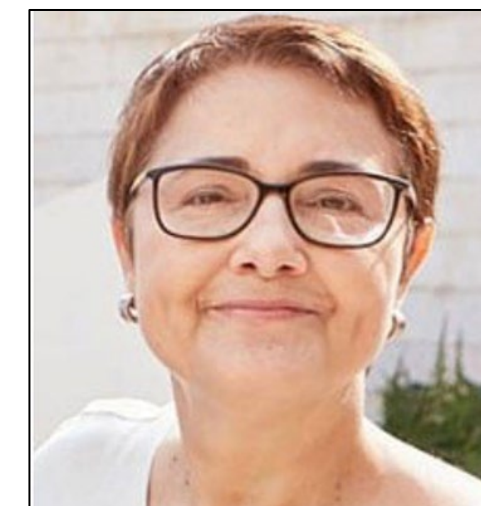
Catarina Lemos



João de Macedo



Carlos Oliveira



Ana Noronha

Endorsed Actions of Portuguese Entities

Programmes

Portuguese Entities Partnering 10 of the 59 Programmes Endorsed by the Ocean Decade



Digital Deep-sea Typical Habitats (Digital DEPTH)



Marine Life 2030



Ocean Biomolecular Observing Network



OceanCities

Ocean Cities, an international network of cities in harmony with the marine environment



The Science We Need for the Mediterranean Sea We Want



Challenger 150 A Decade to Study Deep-sea Life



Deep Ocean Observing Strategy



Digital Twins of the Ocean



Global Ecosystem for Ocean Solutions (GEOS)



Ocean Literacy With All (OLWA): the change we need for the ocean we want

Endorsed Actions of Portuguese Entities

Projects



Blue School Portugal



Nazaré Artificial
Reefs



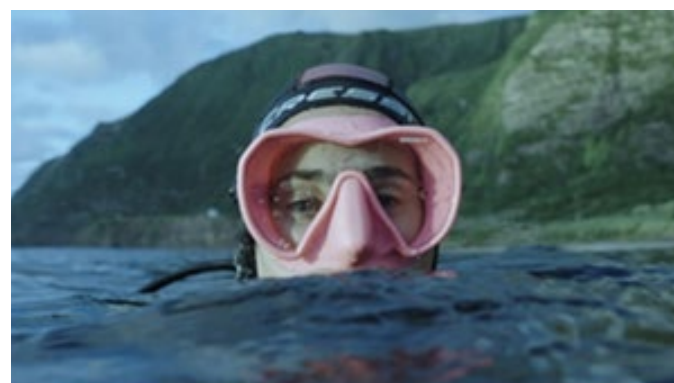
BaIT



CoastNET



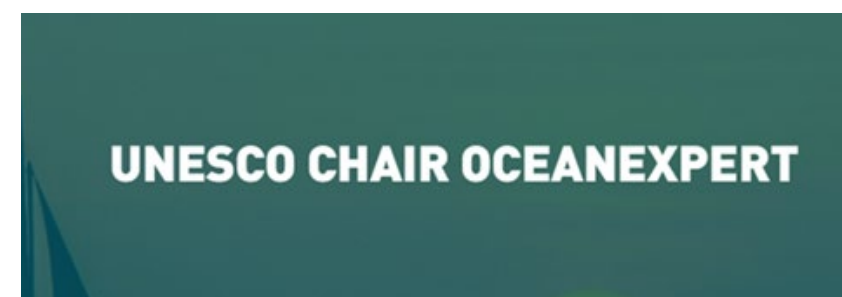
CIIMAR at School



Women from the Sea



Portuguese National
Oceanographic Data
Centre



UNESCO Chair OceanExpert



Pilot Digital Twins for
Water Pollution in Africa



Citizens of Surf

Endorsed Actions of Portuguese Entities

Contributions



BLUEMISSION AA

Building a coordination hub to support the Mission implementation in the Atlantic and Arctic Basin



OCEAN DECADE ALLIANCE

The Ocean Decade Alliance aims to create a network of prominent Ocean Decade partners who can lead by example to catalyse support for the Decade through the mobilization of resources, networks, and influence.

Ocean Decade Alliance

- Ocean Decade Alliance is a network of eminent partners of the Ocean Decade that leads by example to catalyse support for the Decade through targeted resource mobilization, networking, and influence
- Members of the Ocean Decade Alliance will:
 1. Provide significant financial or in-kind resources to Decade Actions and Decade coordination costs
 2. Work within their networks to leverage and multiply financial and in-kind resource commitments towards the Decade from their peers
 3. Provide strategic advice on resource mobilisation to Decade coordination structures



Ocean Decade Alliance Founding Patrons

- HE Mr Uhuru Muigai Kenyatta, President of the Republic of Kenya
 - HSH Prince Albert II, Sovereign Prince of Monaco
 - HE Ms Erna Solberg, Prime Minister of Norway
- HE Mr Marcelo Rebelo de Sousa, President of Portugal
 - Ms Wendy Schmidt, Founder Schmidt Ocean Institute
 - Mr John Schubert AO, Chair Great Barrier Reef Foundation



OCEAN DECADE ALLIANCE

- **Portugal is a founding member.**
- **The President of the Republic is a patron.**

Patrons of the Ocean Decade Alliance

- H.E. José Maria Pereira Neves, President of the Republic of Cabo Verde
- H.E. Wavel Ramkalawan, President of the Republic of Seychelles
- H.E. Marcelo Rebelo de Sousa, President of the Republic of Portugal
- H.E. Surangel Whipps Jr., President of the Republic of Palau
- H.E. Jonas Gahr Støre, Prime Minister of the Kingdom of Norway
- His Serene Highness Prince Albert II, Sovereign Prince of Monaco
- Her Royal Highness Princess Lalla Hasnaa, President, Mohammed VI Foundation for Environmental Protection
- Ms. Inger Andersen, Executive Director, United Nations Environment Programme
- Ms. Wendy Schmidt, Founder, Schmidt Ocean Institute
- Mr. Kjell Inge Rokke, Owner, REV Ocean
- Mr. Lorenzo Bertelli, Executive Director, Prada Group

Institutional Members

- Cabo Verde
- Canada
- Federal Republic of Germany
- Kingdom of Norway
- Kingdom of Sweden
- Republic of Kenya
- Republic of Korea
- Republic of Portugal
- Republic of Seychelles
- Republic of Palau
- International Seabed Authority
- United Nations Environment Programme
- Great Barrier Reef Foundation
- Mohammed VI Foundation for Environmental Protection
- Prince Albert II of Monaco Foundation
- Schmidt Ocean Institute
- Officine Panerai
- Fugro
- Prada Group

Ocean Decade Alliance



The Ocean Decade Alliance is issuing a Call to Action on the occasions of the 2022 UNOC in Lisbon, Portugal, to raise awareness for the need to increase investment in Ocean Science to support sustainable development

ALIANÇA DA DÉCADA DO OCEANO
APELO À AÇÃO
por ocasião da
CONFERÊNCIA DOS OCEANOS
DAS NAÇÕES UNIDAS

2021-2030 Década das Nações Unidas da Ciência Oceânica para o Desenvolvimento Sustentável

Nós, os membros da Aliança da Década do Oceano, chamamos a atenção para as ameaças significativas que o oceano enfrenta. As alterações climáticas, a exploração insustentável dos recursos marinhos, a poluição e o desenvolvimento descoordenado do oceano e das zonas costeiras estão a criar múltiplos impactos cumulativos que ameaçam o estado do oceano e põem em risco a sua capacidade de garantir a segurança, a saúde e o bem-estar.

Reconhecemos a importância de investir na ciência relevante e orientada para encontrar soluções como base de ação para restaurar a saúde do oceano e alcançar o desenvolvimento sustentável. Afirmamos que as ambições coletivas para a ação climática, biodiversidade e segurança alimentar e energética não podem ser alcançadas sem uma melhor produção, acesso e incorporação de dados, informação e conhecimento sobre o oceano.

Reconhecemos as muitas décadas de avanços na ciência do oceano por parte de atores de todo o mundo que fornecem uma base sólida para ações futuras. No entanto, consideramos que são necessários mais investimentos dos governos, da indústria, da academia e da filantropia para se alcançar o Objetivo de Desenvolvimento Sustentável (SDG) 14 "Vida debaixo de água". Reconhecemos que as soluções para o desenvolvimento sustentável do oceano a nível global requerem um forte investimento na observação sistemática e sustentada do oceano de forma a gerar conhecimento para o seu planeamento e gestão sustentável.

Reconhecemos que a Década das Nações Unidas da Ciência Oceânica para o Desenvolvimento Sustentável é uma oportunidade única para reunir diversos atores para conjuntamente conceber e produzir uma ciência oceânica transformadora que preencha lacunas de conhecimento prioritárias à escala mundial, regional, nacional e local. Destacamos ainda o papel da Década do Oceano ao valorizar um vasto leque de sistemas de conhecimento, incluindo o conhecimento indígena e local.

Afirmamos que, para cumprir a visão da Década do Oceano, é necessária uma mudança radical no tipo, dimensão e coordenação do investimento disponibilizado para a ciência do oceano. Sublinhamos que tal investimento precisa de ser significativamente aumentado, sustentado, e acessível às diversas geografias e géneros. Este investimento deve apoiar o papel único dos profissionais do oceano em início de carreira, assim como dos jovens, de forma a garantir o legado da Década do Oceano. Um aumento significativo do investimento deve ser acompanhado por um desenvolvimento abrangente de capacidades e uma maior literacia sobre o oceano para e com todos os parceiros, de modo que ninguém fique para trás.

Comprometemo-nos a:

- Utilizar as nossas redes individuais e coletivas e a nossa influência para sensibilizar para a necessidade de aumentar o investimento na ciência do oceano, de forma a contribuir para o desenvolvimento sustentável no âmbito da Década do Oceano.
- Desbloquear o investimento necessário, recorrendo a novas e existentes parcerias entre os vários sectores da sociedade, incluindo governos, organizações intergovernamentais, indústria, filantropia, academia, e entidades das Nações Unidas.
- Apoiar parcerias com e entre atores de países menos desenvolvidos, países em desenvolvimento sem litoral e pequenos Estados insulares em desenvolvimento, para alcançar os objetivos da Década do Oceano.
- Colaborar com a Comissão Oceanográfica Intergovernamental da UNESCO enquanto entidade coordenadora da Década do Oceano de forma a identificar e propor as necessidades de investimento prioritárias.

No âmbito da Conferência dos Oceanos das Nações Unidas de 2022 lançamos um Apelo à Ação aos parceiros de diversos sectores, incluindo governos; instituições de financiamento nacionais, regionais, internacionais e privadas; organizações filantrópicas; entidades das Nações Unidas; e indústria, para se juntarem à Aliança da Década do Oceano. Apelamos a estes parceiros para a criação conjunta de abordagens inovadoras, adaptadas e adaptáveis a investimentos sustentáveis e inclusivos em prioridades comuns da ciência do oceano, incluindo o foco do investimento em áreas que contribuam diretamente para resultados tangíveis em prol do desenvolvimento sustentável.

ALIANÇA DA DÉCADA DO OCEANO
APELO À AÇÃO
por ocasião da
CONFERÊNCIA DOS OCEANOS
DAS NAÇÕES UNIDAS

SIGNATÁRIOS:

PATRONOS DA ALIANÇA DA DÉCADA DO OCEANO:

- Sua Excelência Uhuru Kenyatta, Presidente da República do Quênia
- Sua Alteza Sereníssima, Príncipe Alberto II, Príncipe Soberano do Mónaco
- Sua Excelência Jonas Gahr Stere, Primeiro-Ministro do Reino da Noruega
- Sua Excelência Marcelo Rebelo de Sousa, Presidente da República de Portugal
- Sua Excelência Wavel Ramkalawan, Presidente da República das Seicheles
- Sua Alteza Real Princesa Lalla Hasnaa, Presidente da Fundação Mohammed VI para a Proteção Ambiental
- Doutor Martin Parkinson AO, Co-Presidente da Fundação Great Barrier Reef
- Sr. Kjell Inge Rokke, Proprietário da iniciativa REV Ocean
- Sra. Wendy Schmidt, Fundadora do Instituto Schmidt Ocean

MEMBROS INSTITUCIONAIS DA ALIANÇA DA DÉCADA DO OCEANO:

- Pesca e Oceanos Canadá
- República do Quênia
- República da Coreia
- Reino da Noruega
- República de Portugal
- República das Seicheles
- Reino da Suécia
- Autoridade Internacional dos Fundos Marinhos
- Fugro
- Fundação Great Barrier Reef
- Fundação Mohammed VI para a Proteção Ambiental
- Fundação Príncipe Alberto II de Mônaco
- Instituto Schmidt Ocean

OCEANDECADE.ORG
CONFERÊNCIA DOS OCEANOS DAS NAÇÕES UNIDAS

2021-2030 Década das Nações Unidas da Ciência Oceânica para o Desenvolvimento Sustentável



New York, 18 Sept. 2023: In the margins of the SDG Summit 2023 (18 - 19 Sept), the SIDS Coalition for Nature and the Ocean Decade Alliance launched a Statement of Collaboration and Joint Action Framework to harness opportunities for accelerated action in Small Island Developing States (SIDS) through ocean knowledge, outreach and capacity development.



Barcelona Ocean Conference (7-12 April) – High level meeting of the Ocean Decade Alliance (9th April) to discuss commitments and concrete actions



Next Actions in 2025

International Conference

Ocean and Human Health 11-12 Dez, 2025

Ocean Decade National Committees



PROVISIONAL PROGRAMME

Opening Session

Ocean Benefits for Human Health

- A Healthy Ocean needs healthy people from all generations - *Sigi Gruber (Senior Advisor of the European Commission)*
- A transdisciplinary framework to accelerate research on Ocean–Human Health connections: a healthy ocean for healthy people - a new way to understand the connection - *Gert Everaert (VLIZ, Belgium)*
- Impact of waves on Ocean and Human Health - *Sebastian Steudtner and Alessandra Bonder (WaveXplorer Foundation)*
- A qualitative study on emotions experienced at the coast and their influence on wellbeing. Emotions by the ocean: how the coast impacts our wellbeing - *Elias De Craene (VLIZ, Belgium) (online)*
- *Marine Natural Products: From Environmental, to Ecological, to Biomedical Applications* - *Valerie Paul (Florida Atlantic University, USA) (tbc)*
- *Sailors of hope - Ocean matters in hospital pediatric wards* - *Ana Príncipe (SoH), Anselmo Costa (ULSA-S, Portugal)*
- *The pharmacological treasures of the Ocean* - *Pedro Leão (CIIMAR, Portugal)*
- *Exploring the Ocean's Chemical Diversity for Drug Development* - *Leticia V. Costa- Lotufo (Inst. Ciências Biomédicas, Univ. São Paulo, Brasil) (tbc)*
- *Between Tides and Lives: The Positive Impact of the Ocean on Disability.* - *Alyson Borges (CERCIIV), Pedro Coutinho (Sporting Clube de Aveiro, Portugal)*
- The psychophysiological reactivity to beaches vs. to green and urban environments: insights from a virtual reality experiment. Simulating the ocean in the lab - *Gert Everaert/Elias De Craene (VLIZ, Belgium)*

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Ocean Risks to Human Health

- Remote sensing of marine pathogens and impact on human health - *Shubha Sathyendranath (Plymouth Mar. Lab, UK)*
- Ocean pollution and Human Health - *Michael Moore (Plymouth Marine Lab, UK) (online)*
- Emerging marine diseases - *Ute Hentschel- Humeida (GEOMAR Helmholtz Centre for Ocean Research Kiel, Germany) (online)*
- Dissemination of scientific knowledge of toxic and harmful marine organisms for Human Health - *Hiroaki Saito (Japan NDC and Univ. Tokyo)*
- Ciguatera: An Emerging Threat at the Nexus of Ocean and Human Health – *Pedro Reis Costa (IPMA)*
- Immune receptor- and transcription factor-stimulatory activity of bacteria and endotoxin in sea spray aerosols on human cells: how sea spray affects our immune system - *Maarten De Rijcke (VLIZ, Belgium) (online) (tbc)*
- Ocean and Health: From Chaos and Fear to Seaside Cure and Solastalgia– *Ricardo Santos (Okeanos e ACL, Portugal)*
- Marine Munition and their Impacts on Human and Ocean Health - *Jens Greinert (GEOMAR Helmholtz Centre for Ocean Research Kiel, Germany) (online)*
- Impacts of pharmaceutical compounds in the Ocean - *Maria João Bebianno (CNDO and CIMA, Univ. Algarve, Portugal)*
- From ocean fish to family health: mercury's hidden reproductive risks - *Susana Loureiro (CESAM & Biology Dpt., Univ. Aveiro, Portugal)*
- Current and emergent hazards and risks of harmful algal blooms - *Vitor Vasconcelos (CIIMAR and Univ. Porto, Portugal)*
- Plastics and Human Health - the Minderoo-Monaco Report - *Margaret Spring (Monterey Bay Aquarium, USA)*



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- Microplastics and the risk for cardiovascular disease - *Luis Bronze (Medical Sciences Fac., Univ. Beira Interior (PT) (online)*
- From Sampling to Results: Data Quality Challenges in Marine Pollution Assessment – *Carla Palma (Instituto Hidrográfico / Academia de Marinha)*
- From Ocean to Human Health: insights from contaminants detected in placentas – *Maria Ângela Serafim (ULS Algarve-CIMA/ARNET, UAlg.)*

The Ocean-Climate Nexus: Challenges for Human Health

- Impacts on global environmental changes in the Ocean on Human Health - *Luis Campos (Portuguese Council for Health and Environment)*
- Climate and Ocean Health Studies by the US National Academies of Science, Engineering, and Medicine - *Susan Roberts (National Academies, USA)*
- The Ocean and Human Health in the UNFCCC and other global conventions - *Matt Frost (UK NDC, Plymouth Marine Laboratory, UK)*

Towards a Healthy Ocean for a Healthy Mankind - the UN Ocean Decade contribution

- Plastics and the triple crisis - The Lancet Countdown on Health and Plastics – *Hervé Raps (Centre Scientifique de Monaco, Monaco)*
- Weaving knowledge to restore a relational ocean connection - An Aotearoa New Zealand perspective - *Linda Faulkner (New Zealand NDC) (online)*
- Fighting Ocean pathogens: new approaches - *Adelaide Almeida (CESAM & Biology Dpt., Univ. Aveiro, Portugal)*
- The One Ocean Health Concept - *Marie Riekhof/Lotta Kluger (Kiel University, CAU) (tbc)*
- Policy needs for Oceans and Human Health - *Sheila Heymans (European Marine Board) (online)*
- Science-Policy perspectives on Ocean and Human Health - *Assunção Cristas (Nova School of Law, VdA)*
- From France to Korea - challenges to put the blue one health on the agenda of the 4th United Nations ocean conference – *Wilfred Sanchez (IFREMER, France)*

Closing Session

NDCs Working Session

National Ocean Decade Committees view on opportunities in Ocean and Human Health: *Linda Faulkner (NZ), Matt Frost (UK), Ann-Katrien (BE), Steffen Knodt/Ulrike (GER), Luis Pinheiro (PT), Susan Roberts (USA), Hiroaki Saito (JP)*

THE SCIENCE WE NEED FOR THE OCEAN WE WANT BRINGING PEOPLE AND THE SEA TOGETHER!

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THANK YOU

*If you want to go fast, go alone; if you
want to go far, go together!*

African Proverb



CNDO - Portugal
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Com o Alto Patrocínio
de Sua Excelência
Under the High Patronage of the
President of the Portuguese Republic



O Presidente da República



REPÚBLICA
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Any questions:

oceandecade@unesco.org

Contact details for the National Ocean
Decade Committee cnmp@ua.pt