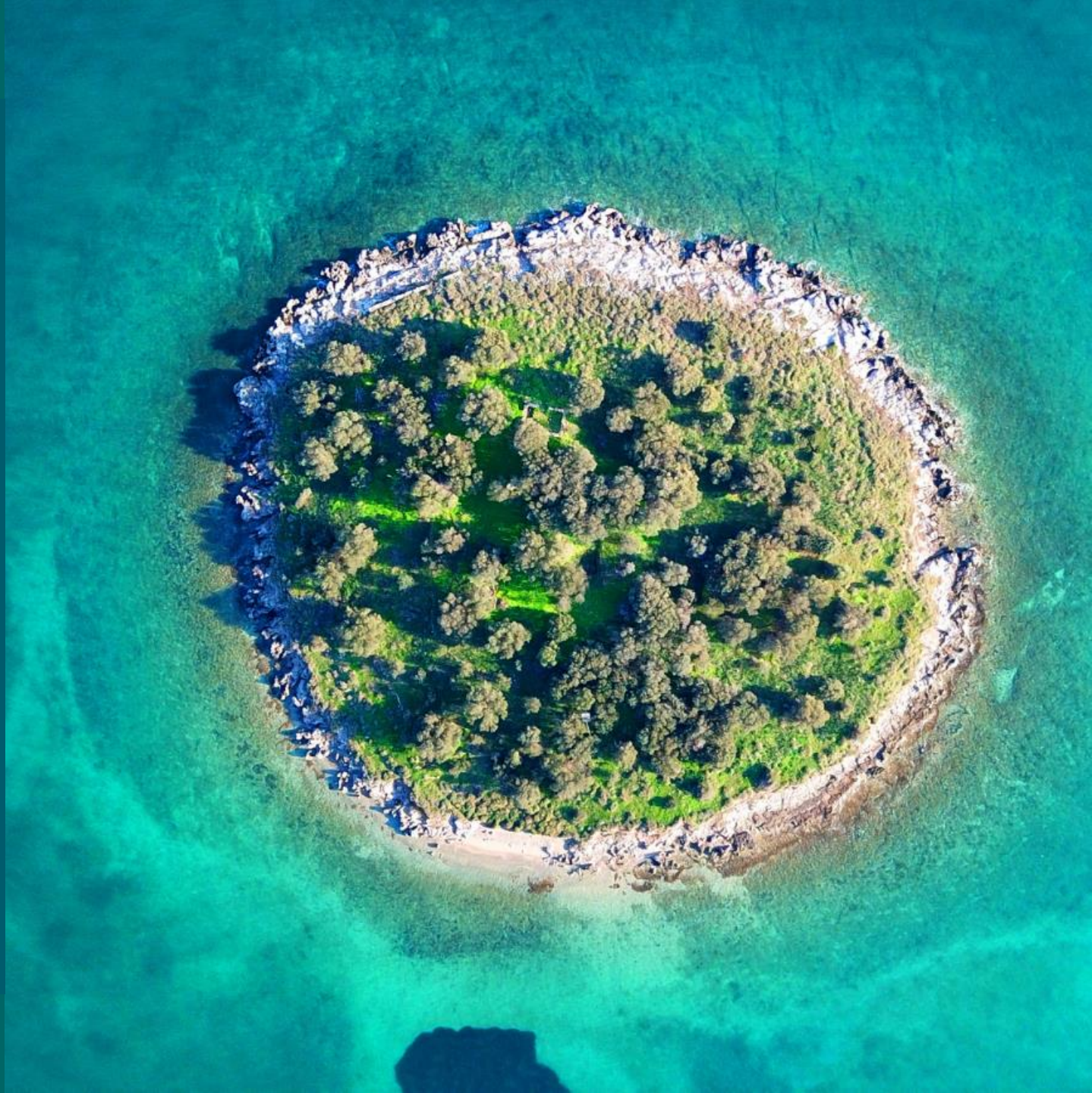

SUPPORTING ACTION IN SMALL
ISLAND DEVELOPING STATES (SIDS),
LEAST DEVELOPED COUNTRIES
(LDCS) AND LAND-LOCKED
DEVELOPING COUNTRIES (LLDCS) IN
THE OCEAN DECADE

24 November 2021
20:00 – 21:30 CET



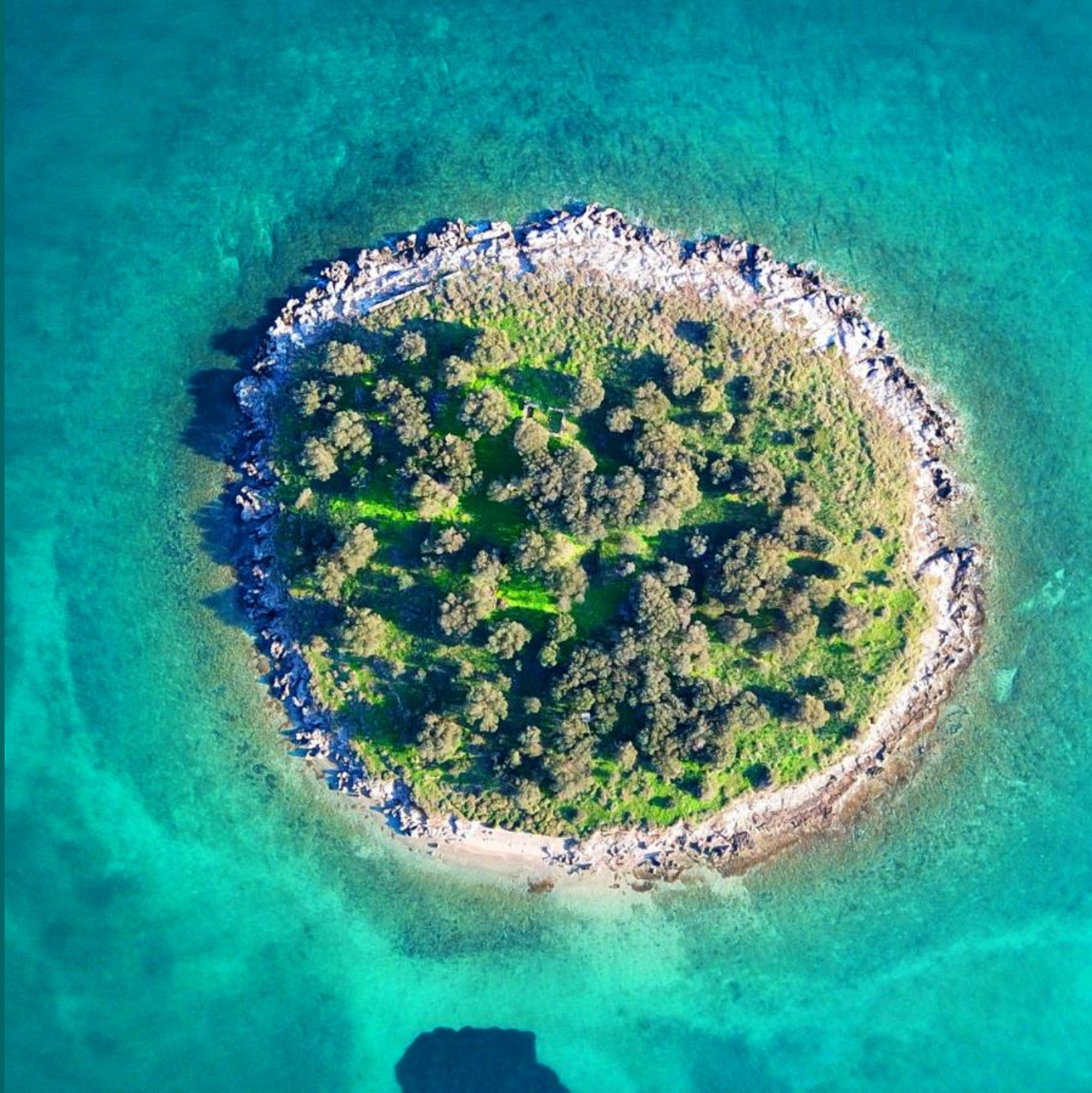
2021 United Nations Decade
2030 of Ocean Science
for Sustainable Development



Opening and Welcome



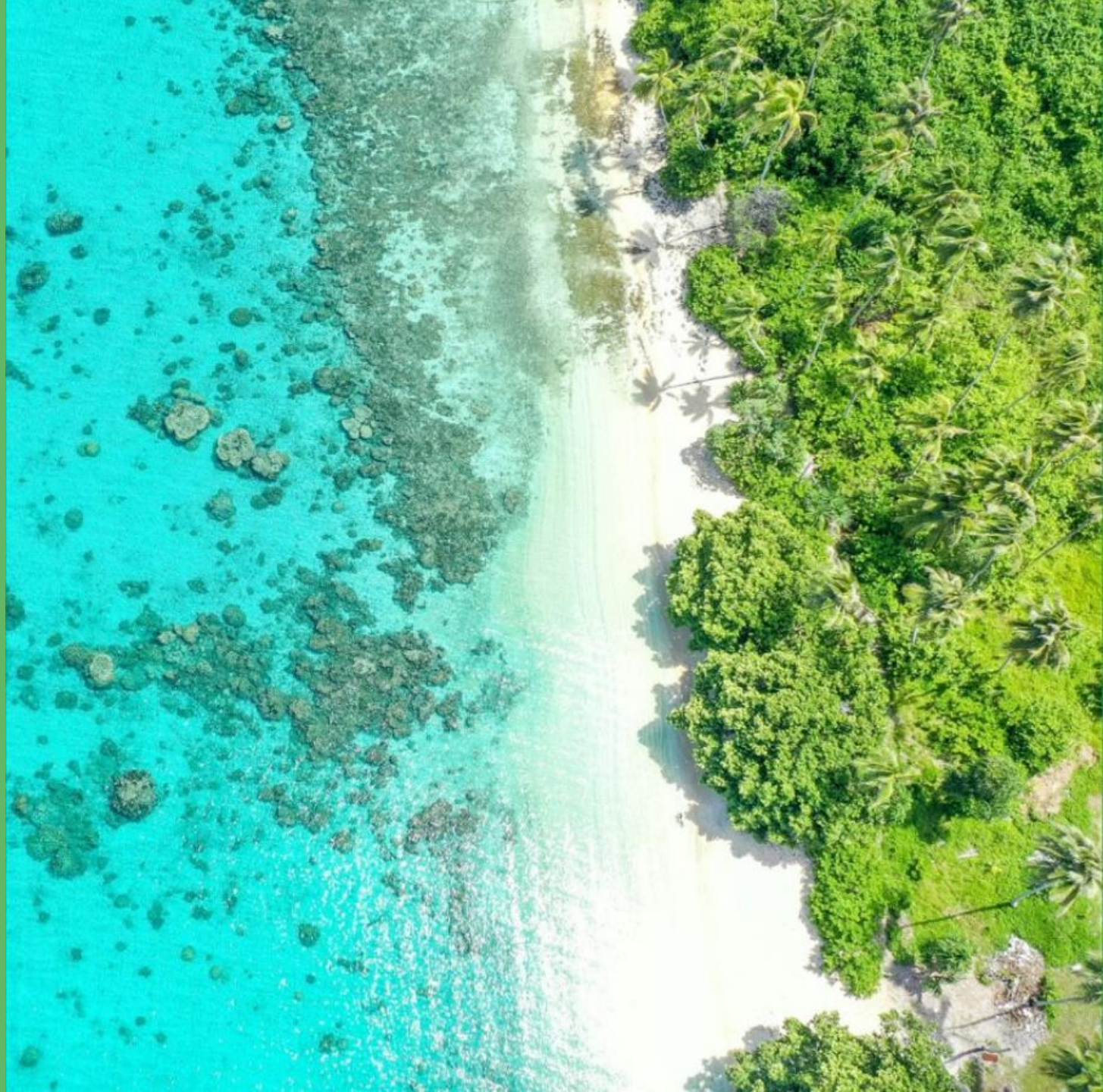
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for Sustainable Development



Alison Clausen
Ocean Decade Coordination Unit
IOC-UNESCO



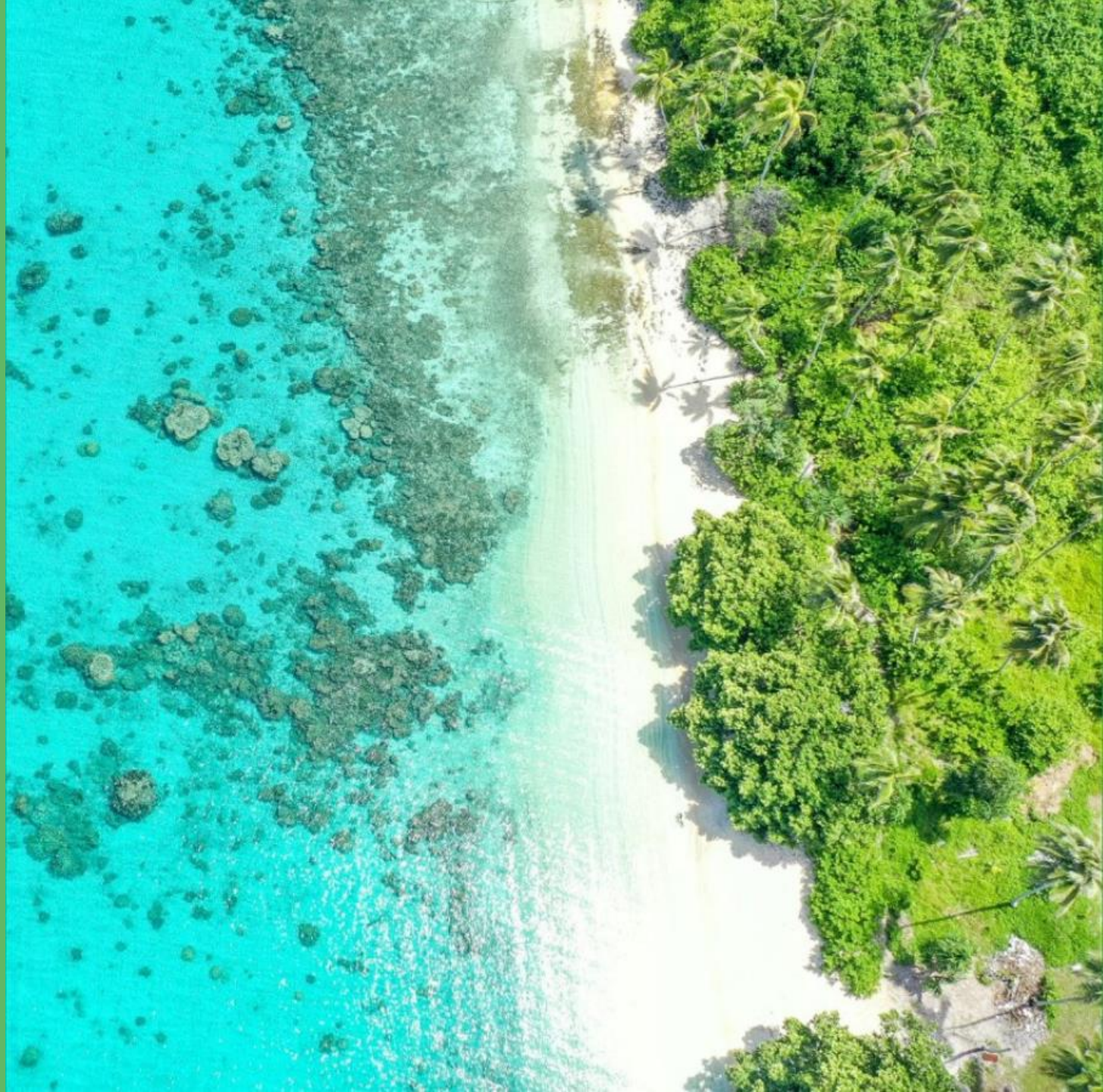
2021 United Nations Decade
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Vladimir Ryabinin
Executive Secretary
IOC-UNESCO



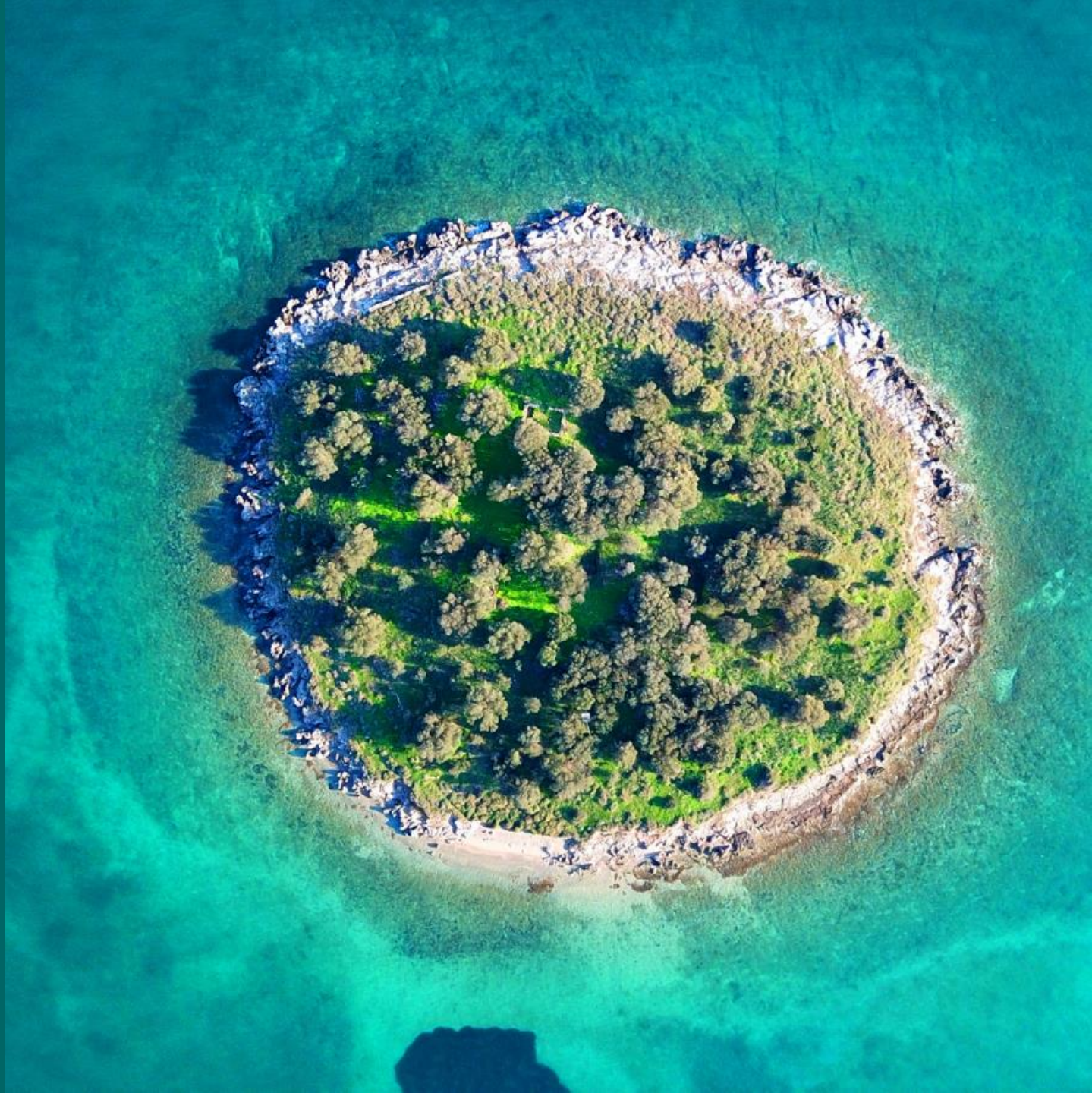
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Part 1:
The Ocean Decade:
Collaborative Approaches to
Designing & Implementing
Decade Actions in response to
Call for Decade Actions
No. 02/2021



2021 United Nations Decade
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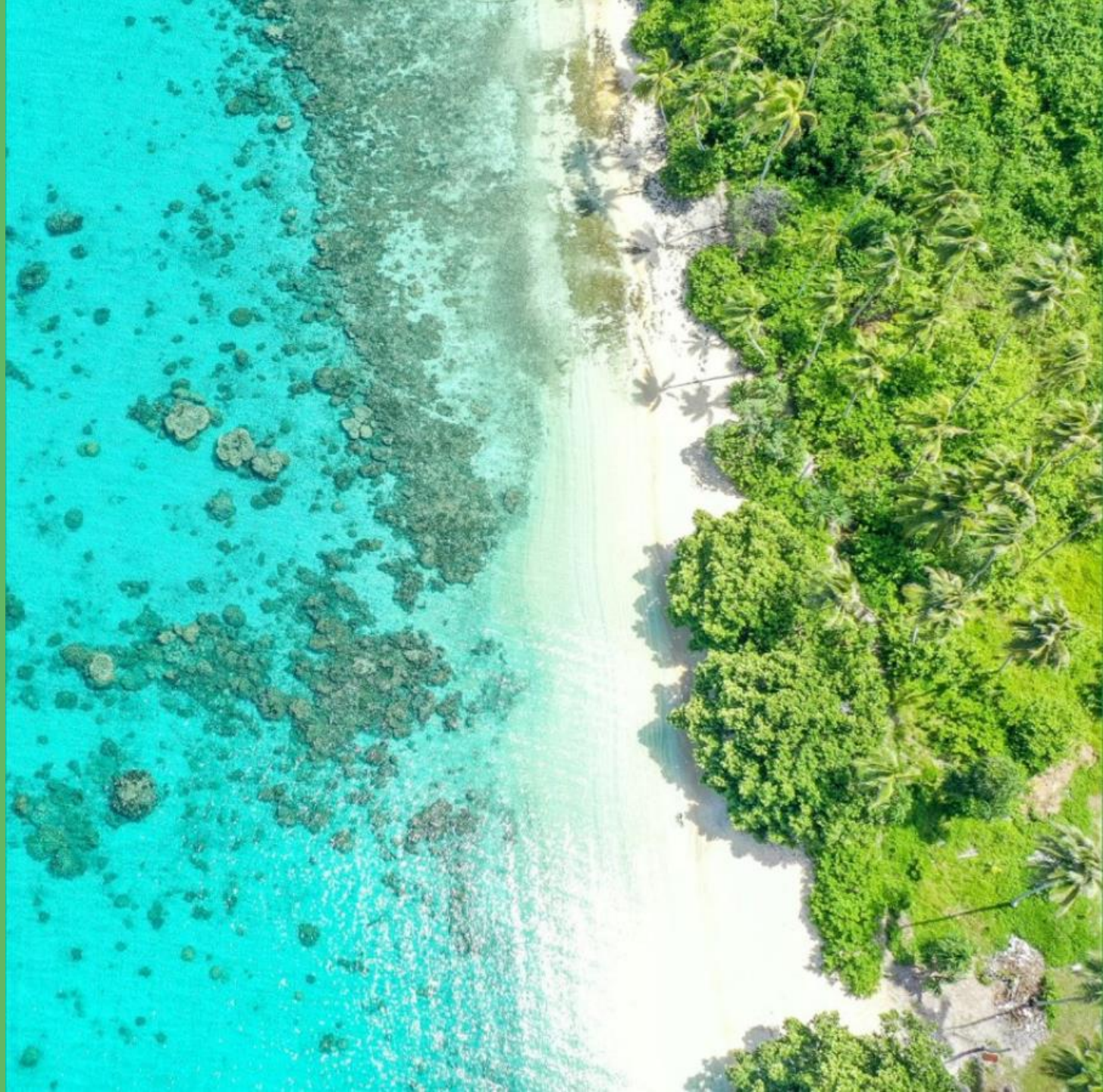


Julian Barbière

Ocean Decade Coordination Unit
IOC-UNESCO



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Ocean Decade: The framework for implementation

Vision

The science we need for the ocean we want

Mission

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

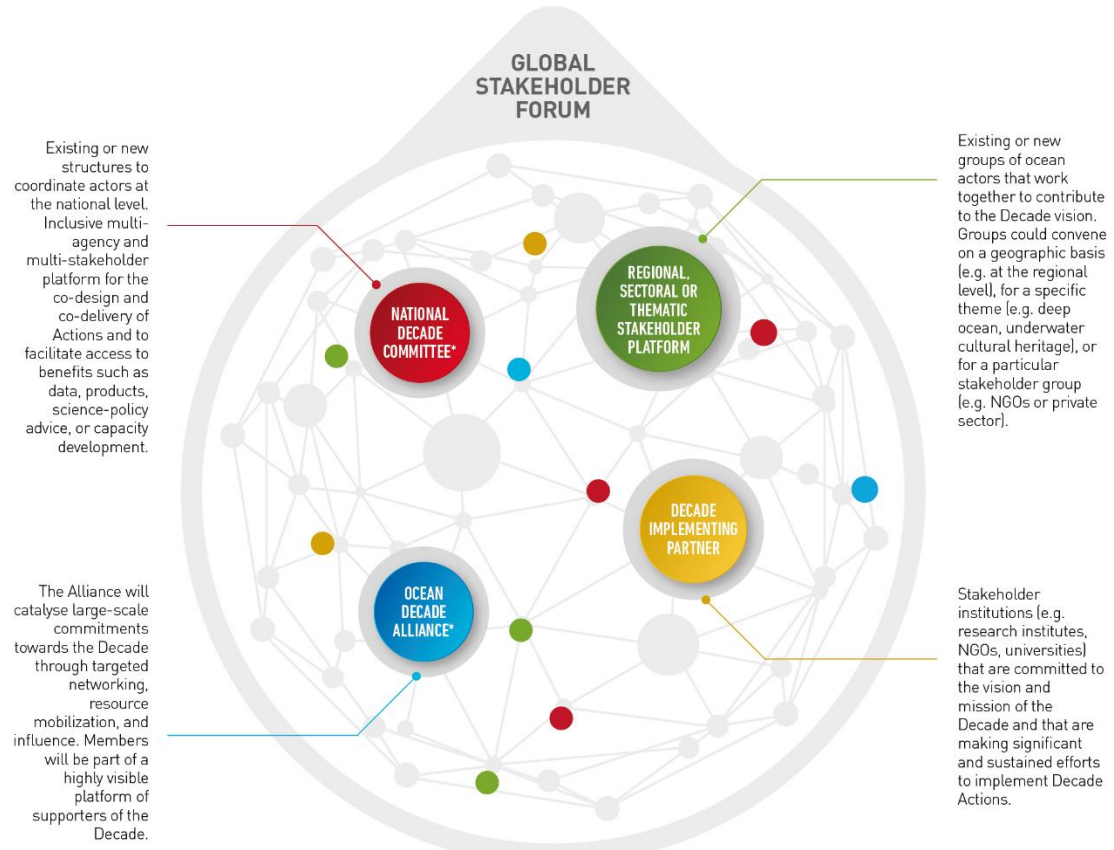
2030 AGENDA & REGIONAL AND GLOBAL POLICY FRAMEWORKS

↕

DECADE OUTCOMES

↕

“THE OCEAN WE WANT”



Time for Action! – Results of Call for Decade Actions No. 01/2020

31 programmes

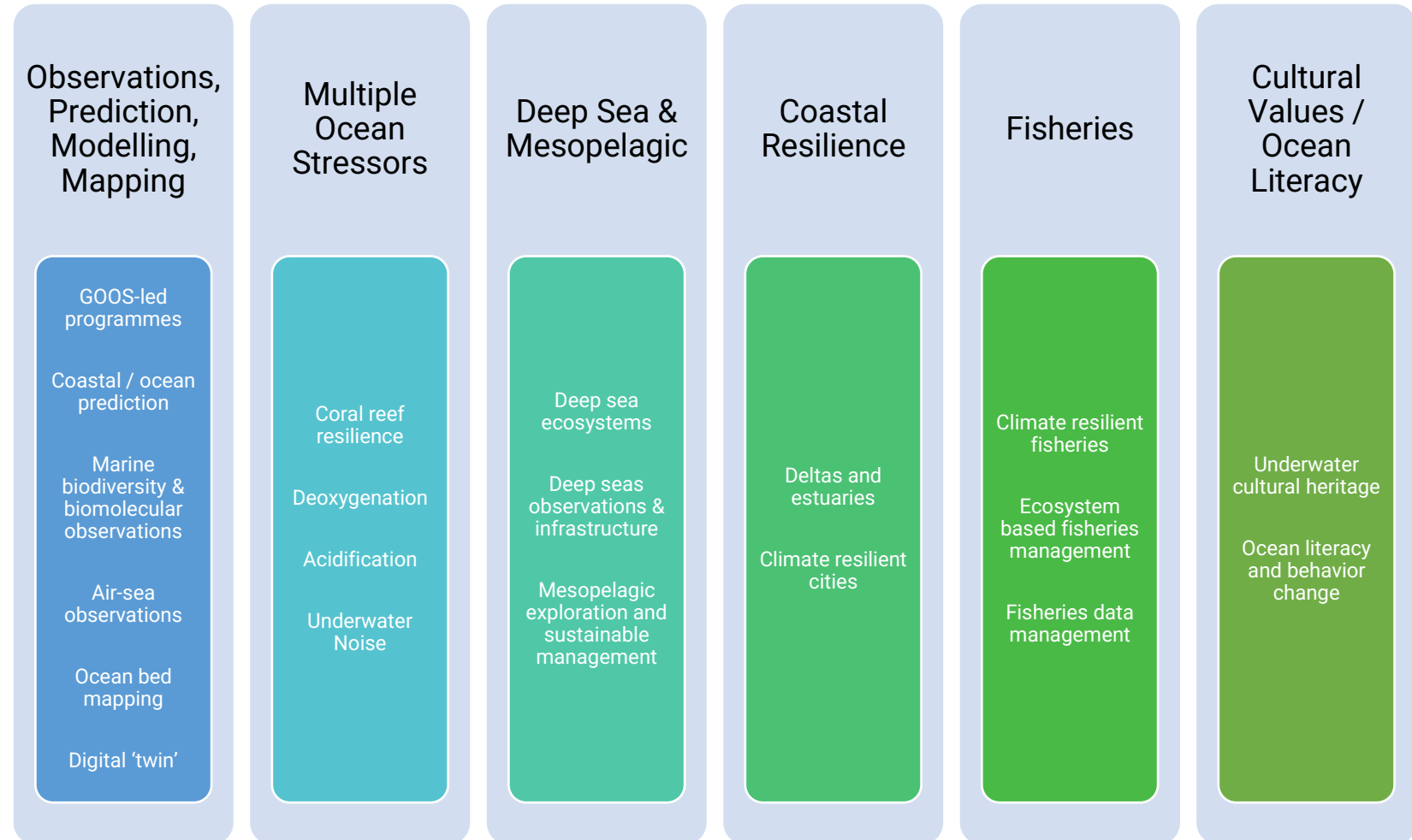
10 UN led
Decade Actions

36 contributions

84 projects

Full list can be
found on:

www.oceandecade.org



Regional programme: Pacific solutions to save our ocean, Mediterranean regional programme

Network programmes: Best Practices, ECOPs, gender, capacity development, networks to facilitate co-design and co-creation of Decade Actions including innovation, stimulate investment and incite global engagement



15 October 2021 – 31 January 2022

2021 United Nations Decade
2030 of Ocean Science
for Sustainable Development

Call for Decade Actions No. 02/2021

- Thematic or regional programmes addressing primarily Challenges 1 – Marine Pollution, 2 – Ecosystem Management and 5 – Ocean Climate Nexus (programmes addressing other Challenges to be addressed via an Expression of Interest)
- Soliciting projects for 23 endorsed programmes that have indicated that they are ready to participate in the Call
- Sponsored Call for Decade Actions (projects) with AXA Research Fund and Meer Wissen Initiative
- Support mechanisms for lead partners in LDCs and SIDS

Engaging SIDS, LLDCs and LDCs in the Ocean Decade

- Decade Actions in SIDS, LDCs and LLDCs are essential to the success of the Decade
- Despite high geographic and thematic coverage of endorsed Decade Actions:
 - Very few lead institutions from SIDS, LLDCs and LDCs via Call for Decade Actions No. 01/2020
 - No programme leads but several project leads
 - Some involvement as secondary partners in Decade programmes
- In Call for Decade Actions No. 02/2021 and beyond there is a need to increase leadership from SIDS, LLDCs and LDC countries

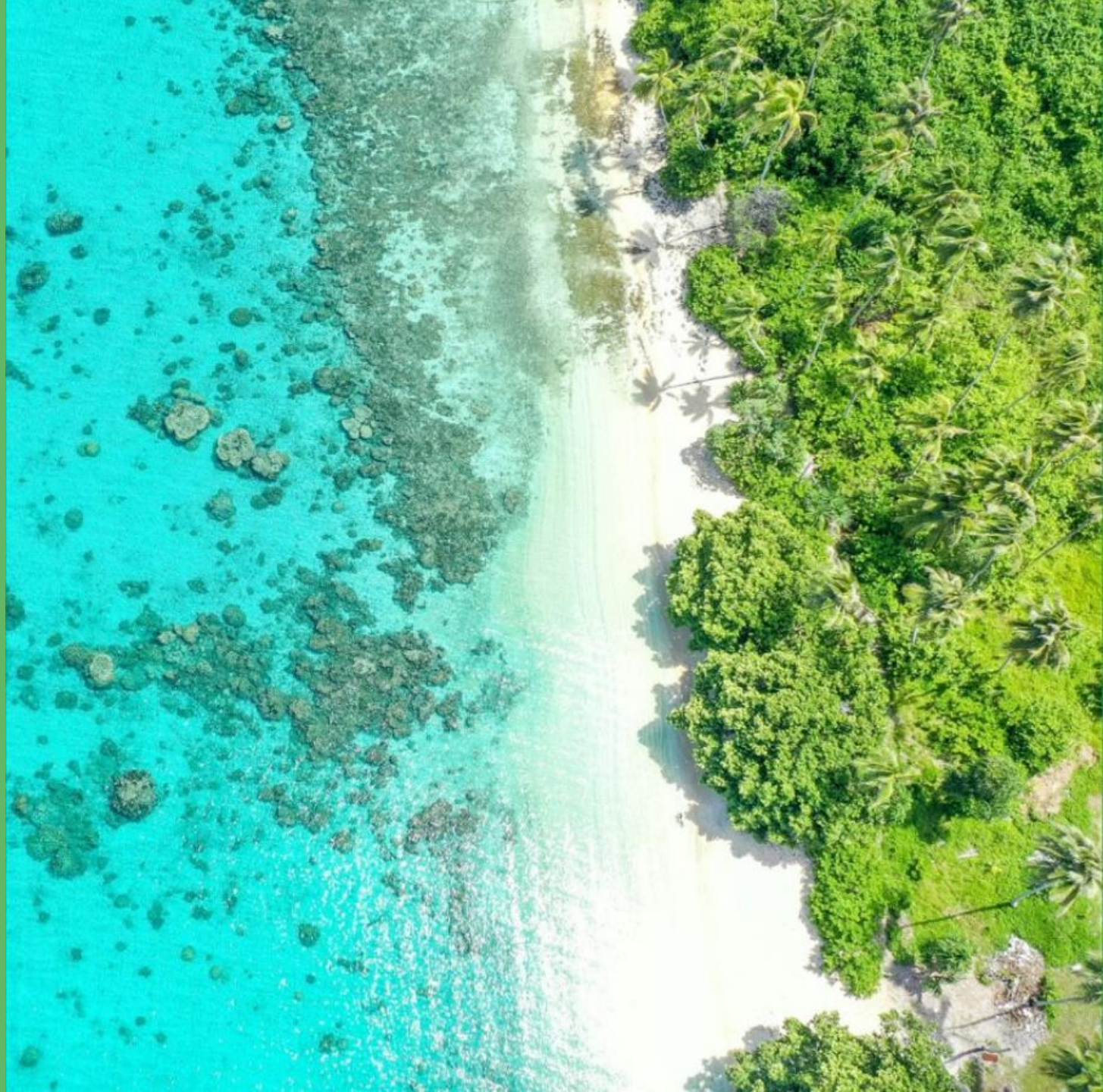
The aim of today's session is to showcase good practice and hear your thoughts on how we can provide additional support in the future.

Angelique Pouponneau

Seychelles' Conservation and
Climate Adaptation Trust



2021 United Nations Decade
2030 of Ocean Science
for Sustainable Development



An underwater photograph of a vibrant coral reef. The scene is filled with various types of coral, including branching and table corals, in shades of yellow, orange, and pink. Numerous small, colorful fish are swimming throughout the water, which has a clear blue hue. The lighting is bright, suggesting a shallow depth.

GUIDANCE AND RECOMMENDATIONS FOR COLLABORATIVE APPROACHES

Angelique Pouponneau

November 2021

Basis for recommendations and guidance

- *Harden-Davies, Harriet & Vierros, Marjo & Gobin, Judith & Jaspars, Marcel & Porten, Suzanne & Pouponneau, Angelique & Soapi, Katy. (2020). Science in Small Island Developing States: Capacity Challenges and Options relating to Marine Genetic Resources of Areas Beyond National Jurisdiction.*
- This report aims to examine the challenges facing SIDS to access and use marine genetic resources from ABNJ and identify options for the BBNJ agreement to address SIDS' scientific and technological needs in this regard.
- Based on input from scientists and policymakers in SIDS.

Voices of SIDS – My name is Sheena

While we, the people of the Indian Ocean are painted as incompetent, lacking capacity and unable to safeguard our own futures when our ocean is our biggest asset.

I have been to the depths of Mother Ocean and witnesses Her power, Her ability to mesmerize, heal and come back from the wounds we inflict, scarred but still giving... giving food, giving life.



UN DECADE of OCEAN SCIENCE FOR SUSTAINABLE DEVELOPMENT

- The UN Decade of Ocean Science for Sustainable Development is a timely opportunity to go beyond 'business as usual' and ensure that SIDS are empowered to take leadership roles in designing and delivering programs that address their needs.
- The challenges faced by the decade so far are not novel.
- This presentation seeks to provide guidance and recommendations for collaborative approaches by using **real-life examples**; and weaving the **voices of islanders**.



Leading organizations in SIDS

- Our findings indicated that almost all SIDS have some institutional basis for ocean science but vary in terms of size, sophistication of facilities and dedicated specialisations.
- A mapping of such leading organizations and their specialism can form the basis for partnerships.
- So far, we have found:
 - Deep sea biodiversity research in SIDS: Cabo Verde, Cook Islands, Grenada, Kiribati, Netherlands Antilles, Palau, Seychelles, Trinidad and Tobago and Vanuatu.
 - Marine biodiscovering and biotechnology research initiatives and degree programs: Barbados, Fiji, Jamaica, Mauritius, Papua New Guinea, Seychelles, Singapore and Solomon Islands.
 - Marine biodiversity research activities and degree programs involving genetic research: Bahamas, Barbados, Belize, Fiji, Maldives and Trinidad and Tobago.
 - Small-medium enterprises specializing in marine biodiscovery: Mauritius and Jamaica.
 - **But like all SIDS, there are capacity constraints!**

Capacity constraints

- Addressing capacity constraints remains one of the biggest challenge in SIDS requiring the latest research equipment and infrastructure, and sometimes it's just a matter of not enough people for all that is required.
- Recommendations: Pooling and sharing resources: technology and people
 - E.g. a permanent programme providing SIDS a shared research vessel for use, on a regional or ocean-basin scale for conducting ocean research is lacking.
 - In some countries there are sophisticated lab equipment but huge systems like 'next generation DNA sequences needs a lot of money, expertise and maintenance.'
- Recommendations: There is a need for co-designed and co-delivered activities. This can only happen if there is a body/platform to facilitate connections between potential partners and collaborators to solve scientific, conservation and development challenges.

Capacity Constraints

- Recommendations: SIDS should work towards the development of national or regional research and innovation agendas, and related capacity development strategies drawing on needs assessments. This will ensure that aid provided directly addresses national and regional needs and aligns with ocean and science policy priorities.
- “We will see projects happening ‘the wrong way’, we get ‘aid bombing’ sometimes where someone comes to us and says ‘here is new equipment, or a new portal - enjoy!’ and then leaves: it is not conducive to capacity building. That is where the needs assessments become so important.” - Islander

Real Life Example: Seagrass mapping project in Seychelles

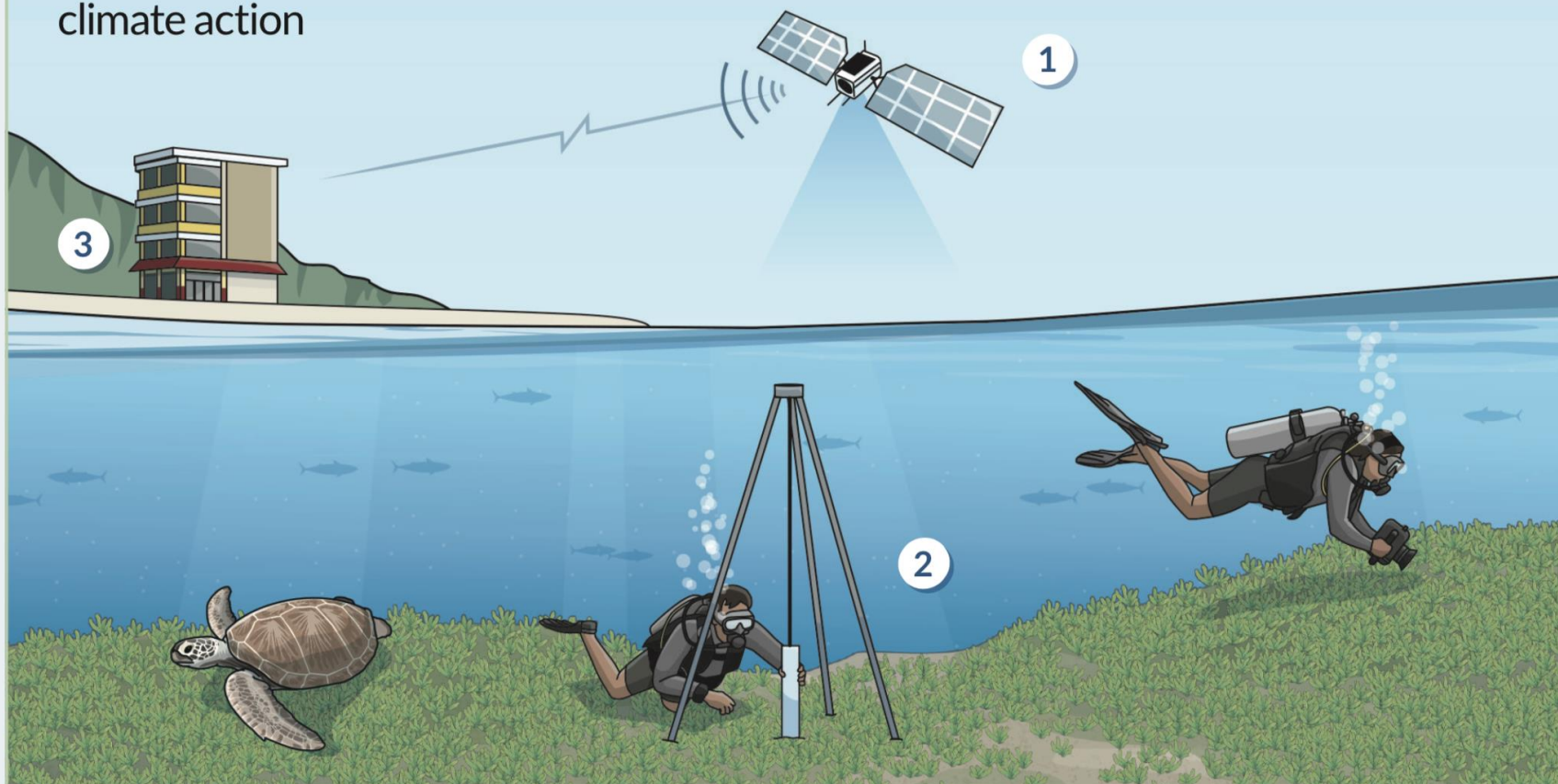
The Seagrass mapping and climate change project in Seychelles brought together more than 6 partners

- Seychelles' Conservation and Climate Adaptation Trust – funding body in host nation and grants manager.
- Pew Trusts – Funder and technical expertise
- University of Oxford – academic partner – research partner
- University of Seychelles' James Michel Blue Economy Research Institute – research partner in host country
- Local NGOs, e.g. Island Conservation society – project delivery partner
- The Nature Conservancy – climate policy lead

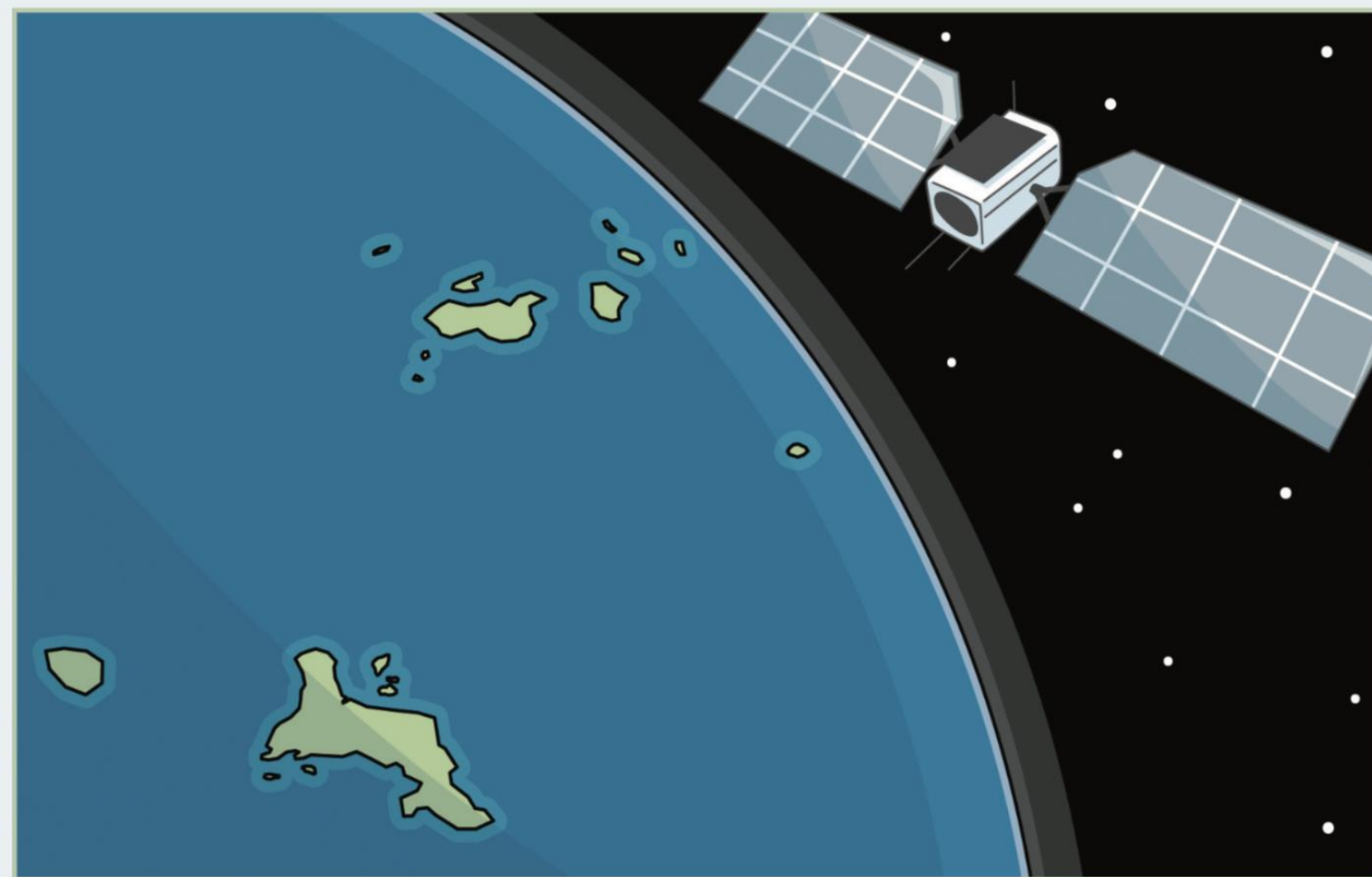


Seychelles Seagrass and Carbon Mapping Project

Project will provide the scientific information needed to support country's climate action

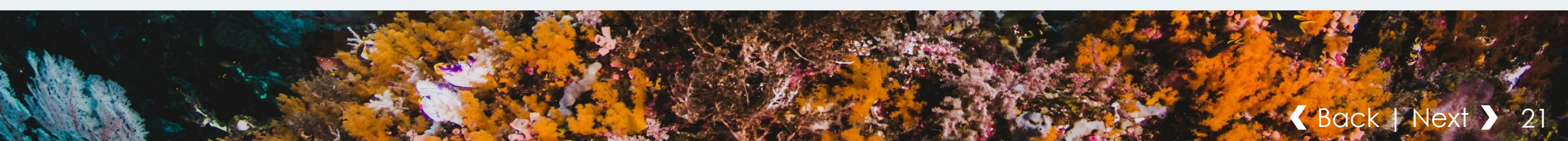


Seagrass meadows store vast amounts of atmosphere-warming carbon in their underlying soil and are a nature-based solution to climate change. To generate a validated countrywide map and carbon stock estimate for seagrass in Seychelles, researchers will use remote satellite imaging and field data collections. This information will serve as the scientific baseline for policymakers to include seagrass protections in the country's Nationally Determined Contribution (NDC) to the Paris Agreement.



1. Mapping seagrass using satellite imagery

In the first phase of the project, researchers collect countrywide satellite images of the ocean. These images show the presence of seagrass, along with other ocean habitats, such as coral reefs. Because cloud cover and water clarity can affect the quality of the satellite imagery, field data is also collected to differentiate the images.





2. Field data collections on seagrass meadows

Researchers collect seagrass data throughout Seychelles, gathering information on the different species and density of seagrass, and taking soil core samples to estimate the carbon stored beneath the meadows.



3. Data is analyzed to estimate seagrass extent and carbon stock

The satellite images and field data are analyzed and used to produce a high-accuracy, field-validated map of seagrass distribution and extent. The soil cores are analyzed for their carbon content and used to generate a first-time estimate of carbon stock for seagrass meadows in the country.



4. Scientific information informs policy decisions

This scientific information on the distribution of seagrass and its associated carbon stock gives policymakers the information they need to include the protection of seagrass in their NDCs as a nature-based solution to climate change.



It's a NO for parachute science!

- “Parachute science is the practice whereby international scientists, typically from higher-income countries, conduct field studies in another country, typically of lower income, and then complete the research in their home country without any further effective communication and engagement with others from that nation. It creates dependency on external expertise, does not address local research needs, and hinders local research efforts.”

Paris et al, “Turning the tide of parachute science,” (2021)

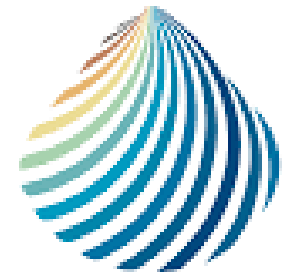
Collaboration from the very beginning...

- Find academic collaborators
- Liaise with government and/or funding bodies of the host nation
- Develop a joint research agenda
- Engage with the next generation of researchers
- Share academic literature
- Transparency in publishing



Who else?

- Academic and research institutions
- Research funders



MEERWISSEN

African-German Partners
for Ocean Knowledge

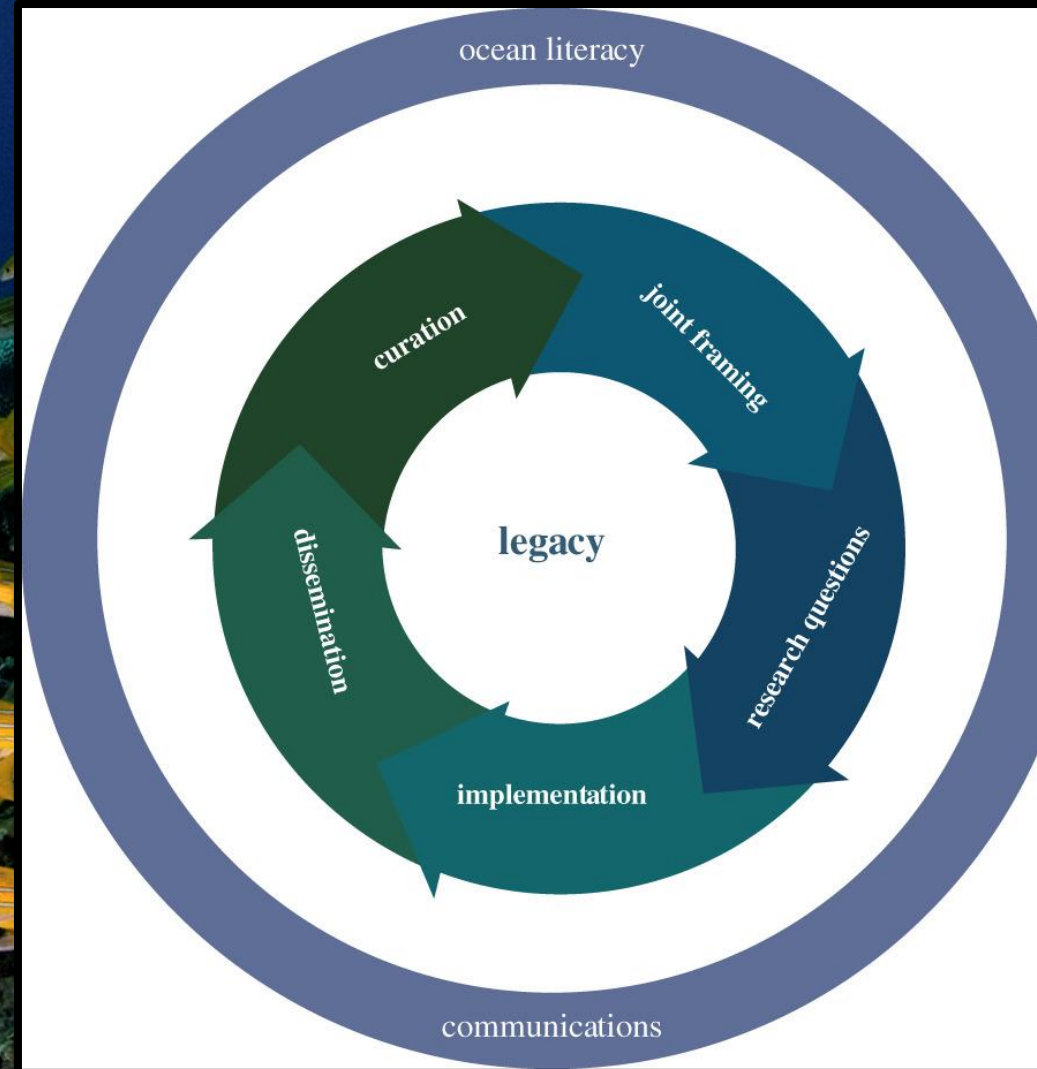
Transdisciplinary research



Opinion piece

Co-development, co-production and co-dissemination of scientific research: a case study to demonstrate mutual benefits

Lucy C. Woodall[†]✉, Sheena Talma[†], Oliver Steeds, Paris Stefanourdis



Transdisciplinary research



 ConScience · Aug 20 · 7 min read

5 ways to get your conservation message to where it's needed (and avoid colonial science)

Voices from the island

“We have a copy of all data, the data can sit within the partnership structure – this is how you win the confidence of the government.” (Int. 7).

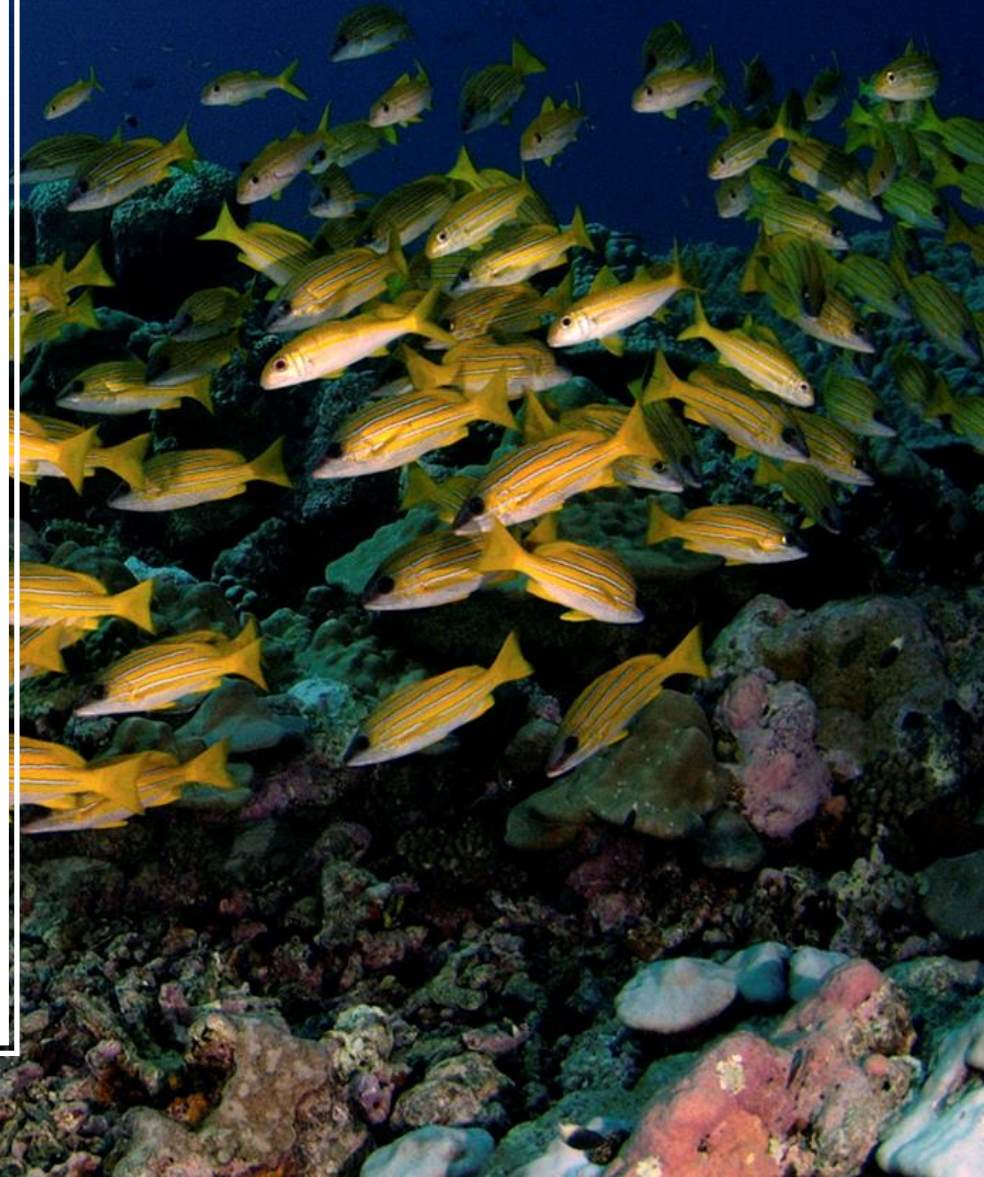
“Our [SIDS] colleagues not getting onto publications is an issue that happens constantly – but at the same time I don’t want to be a token on the paper either and do absolutely nothing (Int. 7).
Publications equals prestige” (Int. 11)



On the international stage...

“International cooperation is really important for training, but it has to be meaningful – just a workshop for a week is not going to get us far.”

- **THIS IS WHERE THE DECADE CAN REALLY MOVE US FROM BUSINESS AS USUAL!**

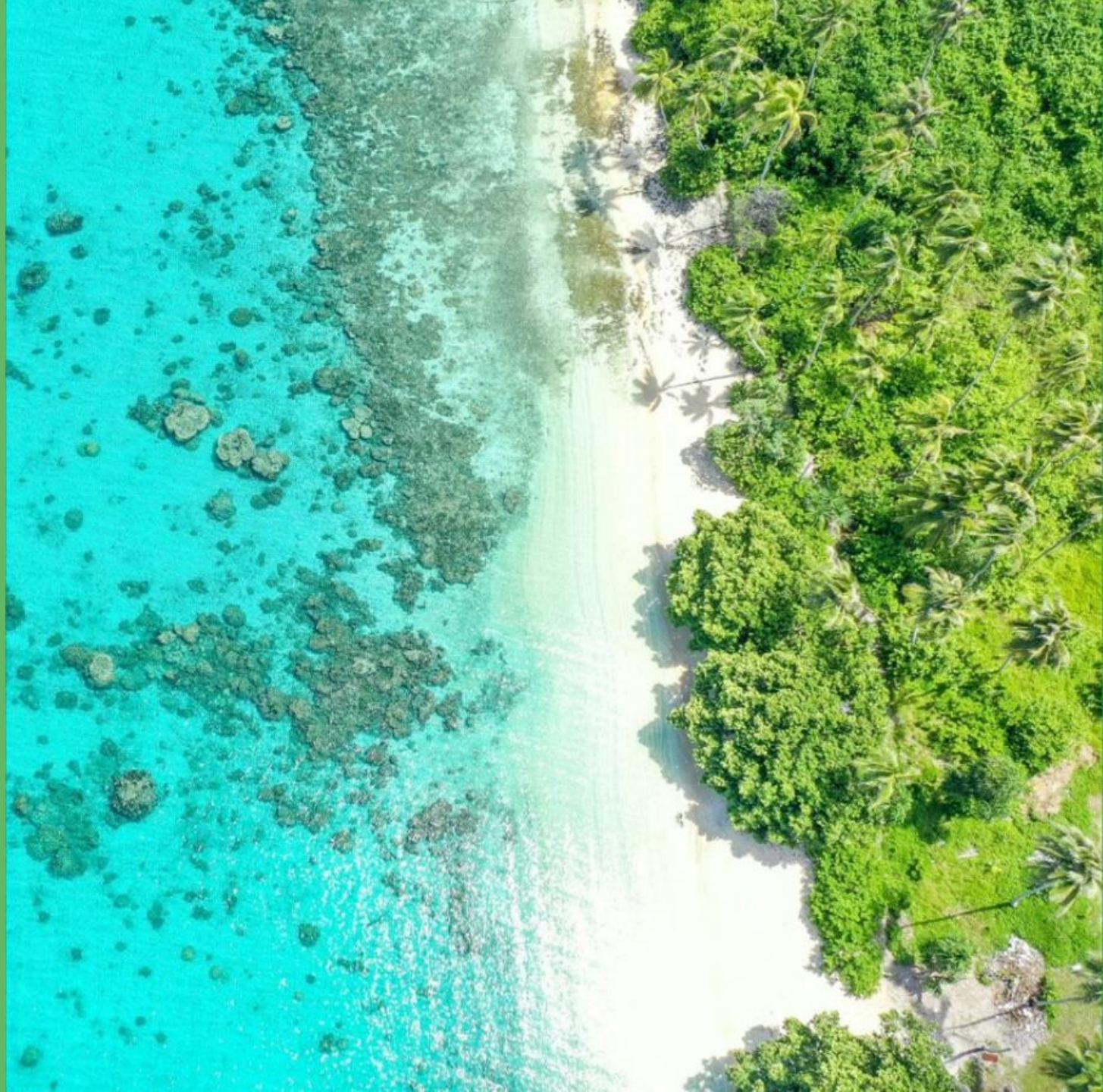


Jason Landrum

Pew Trusts



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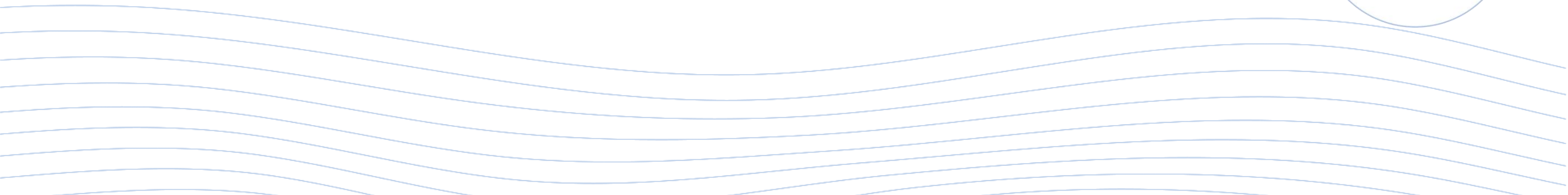
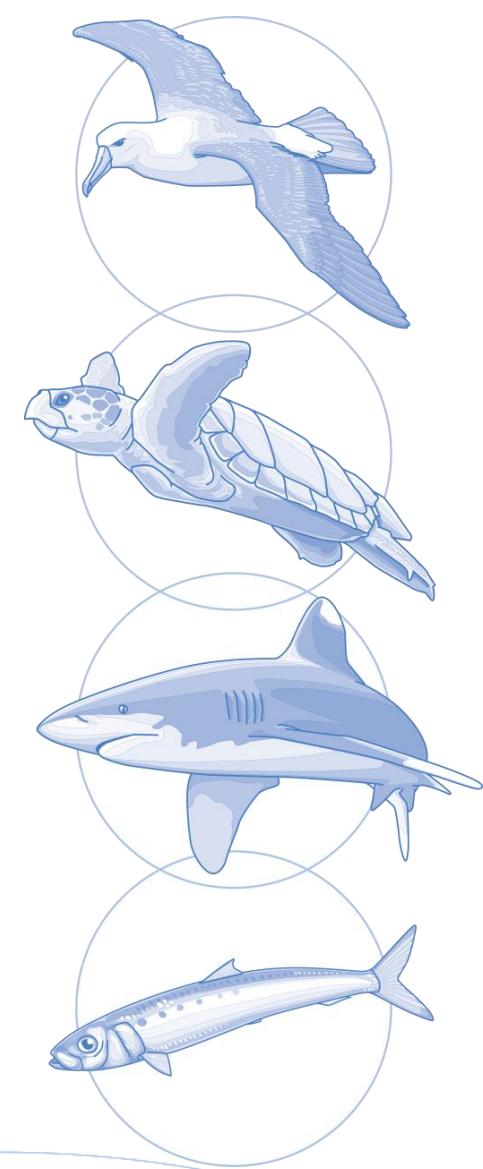




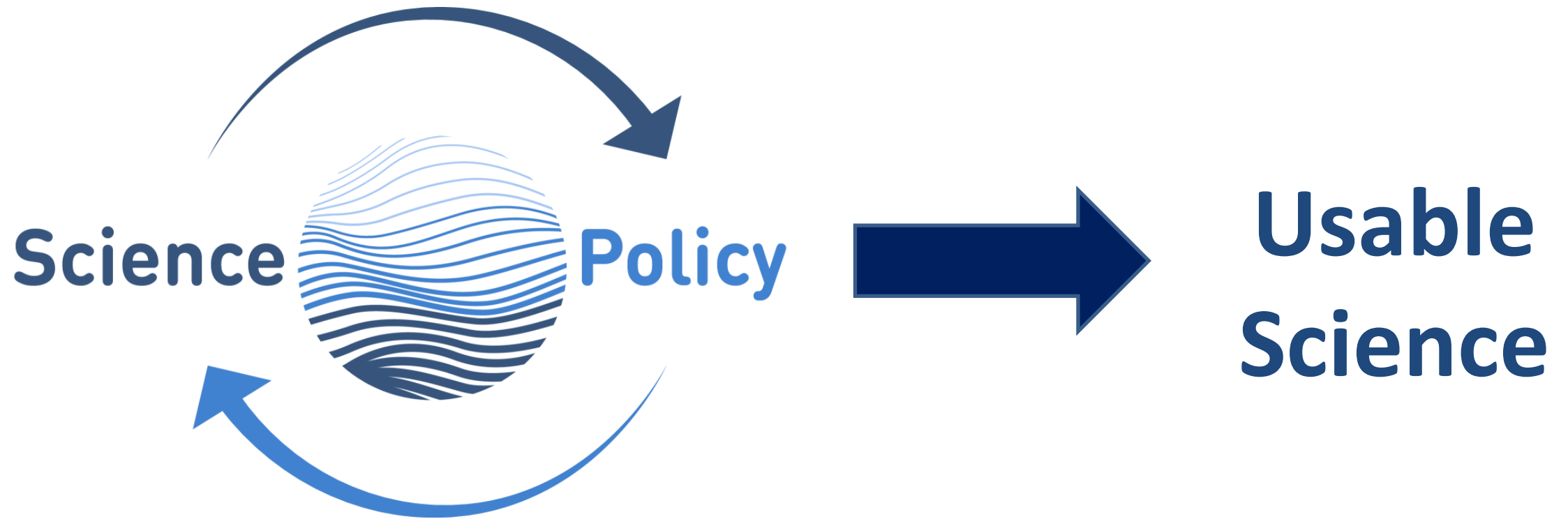
LENFEST
OCEAN
PROGRAM

Co-Designing Usable Science: Perspectives from philanthropy

Jason Landrum, Ph.D.
jlandrum@lenfestocean.org



Who are we and what do we do?



“Usable” Science Defined

“Science that meets the changing needs of decision-makers.”

-SPARC Handbook

“Co-design” Defined

Co-design is the process of developing and communicating “usable” or “transformative” science through an inclusive, multi-stakeholder approach.

-UN Decade of Ocean Science for Sustainable Development



Scientists/
Researchers



Industry



Conservation
Organizations

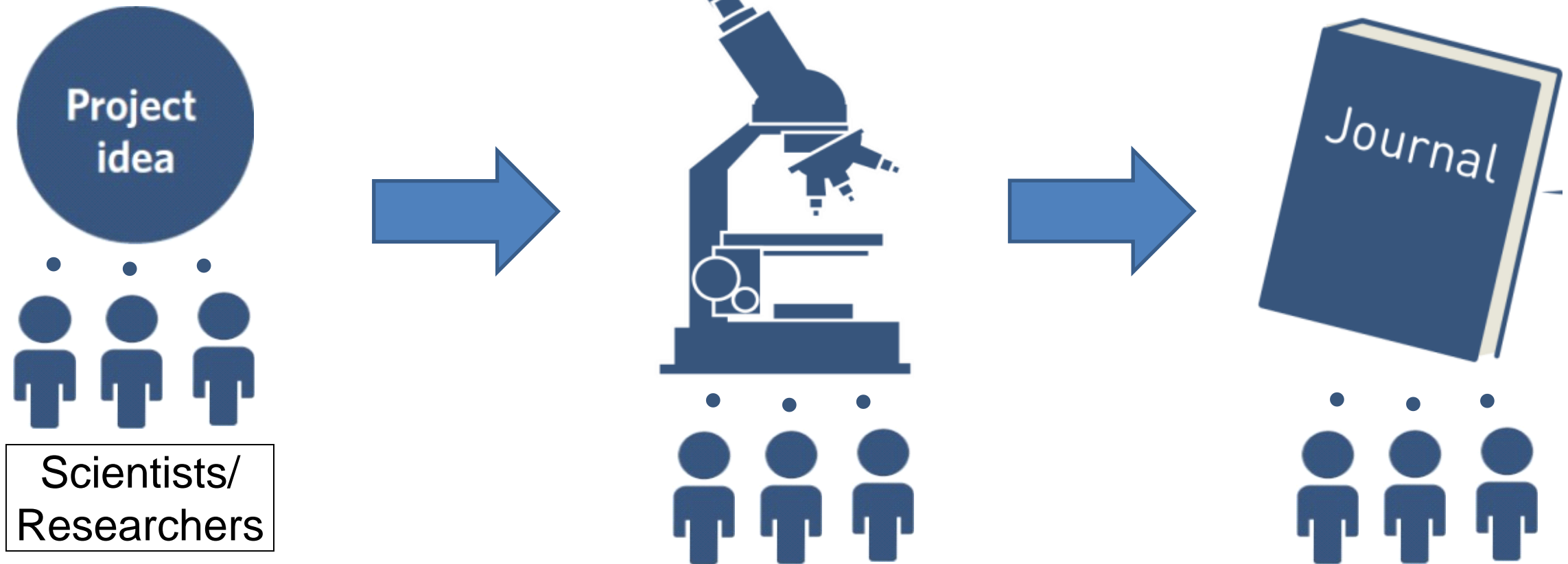


Resource
Managers

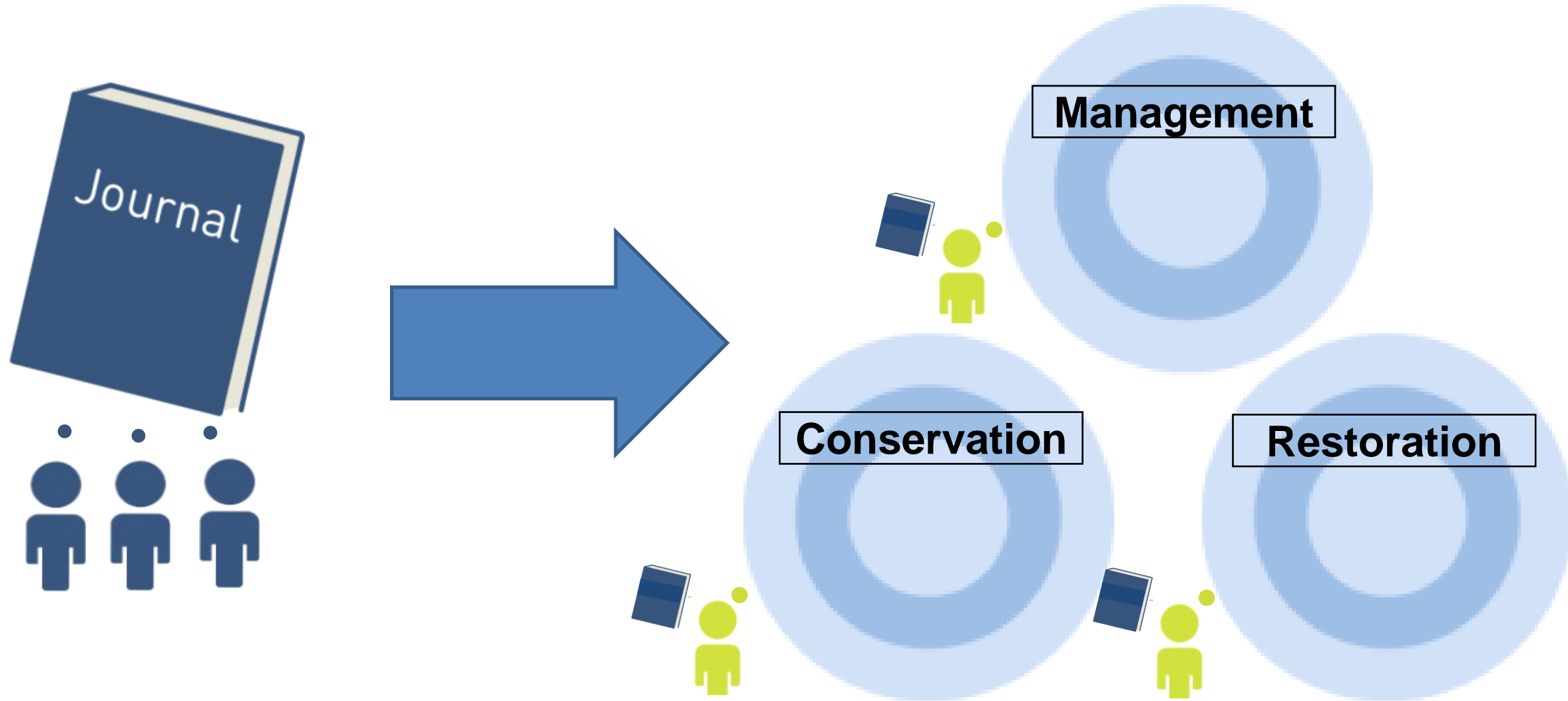


Community
Members

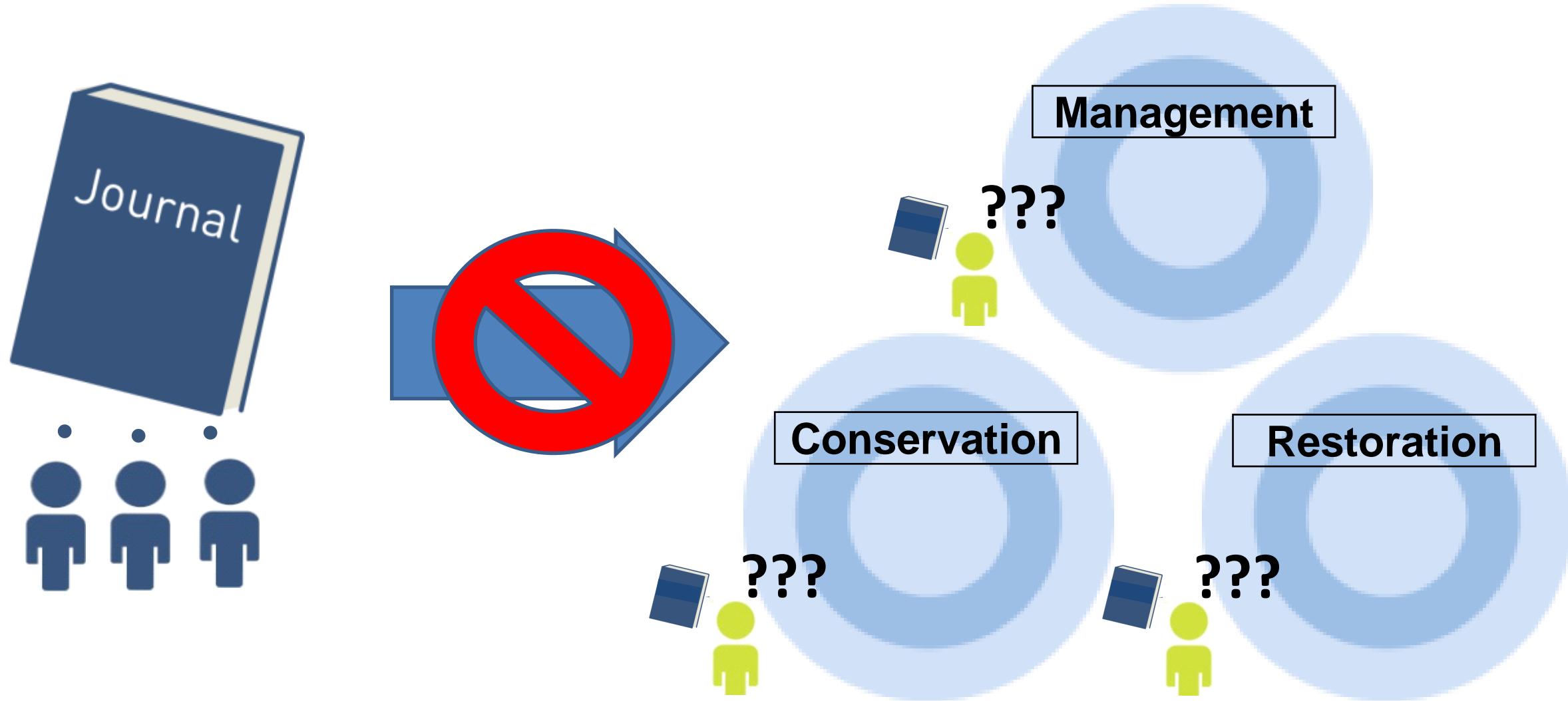
What *isn't* co-design?



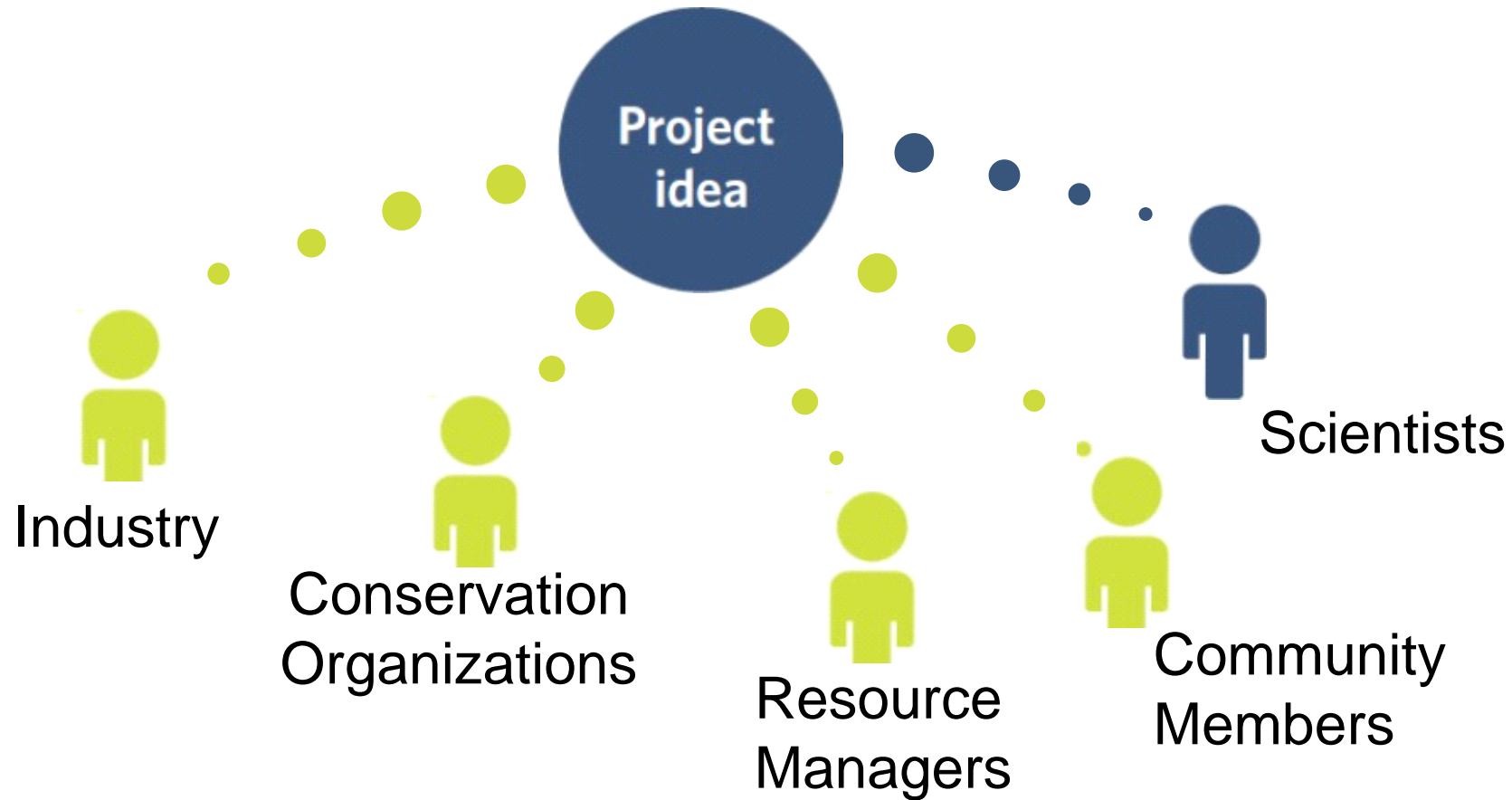
Knowledge Uptake



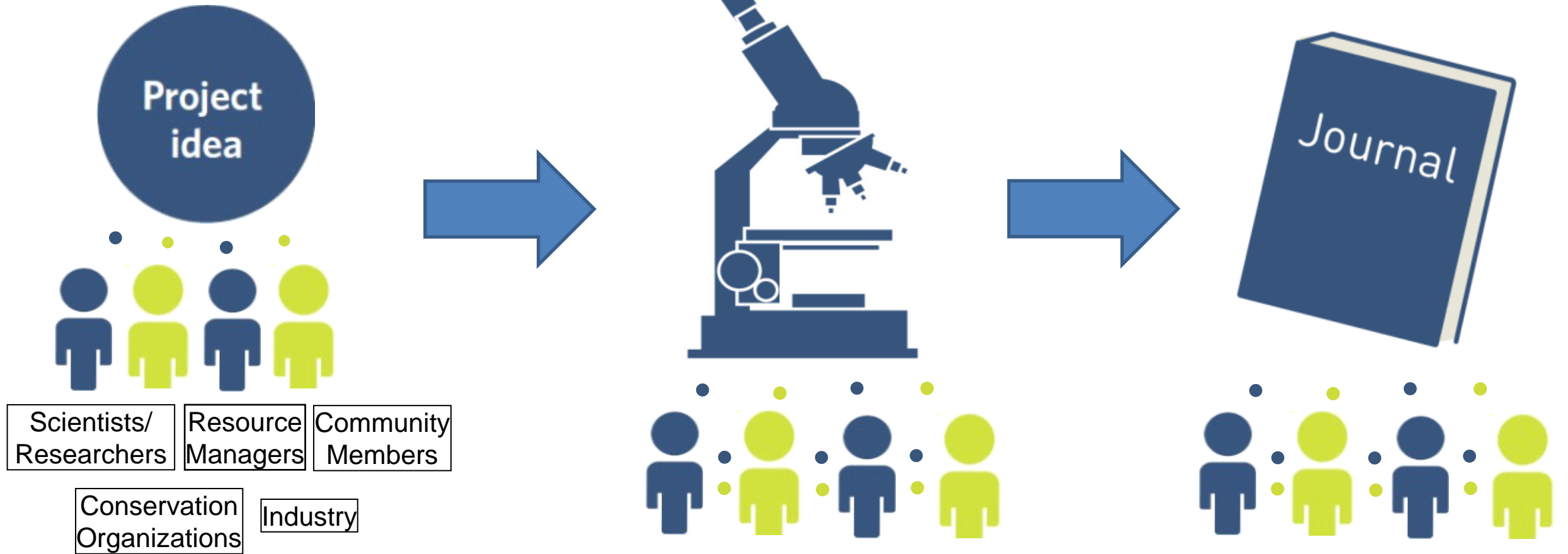
Knowledge Uptake (?)



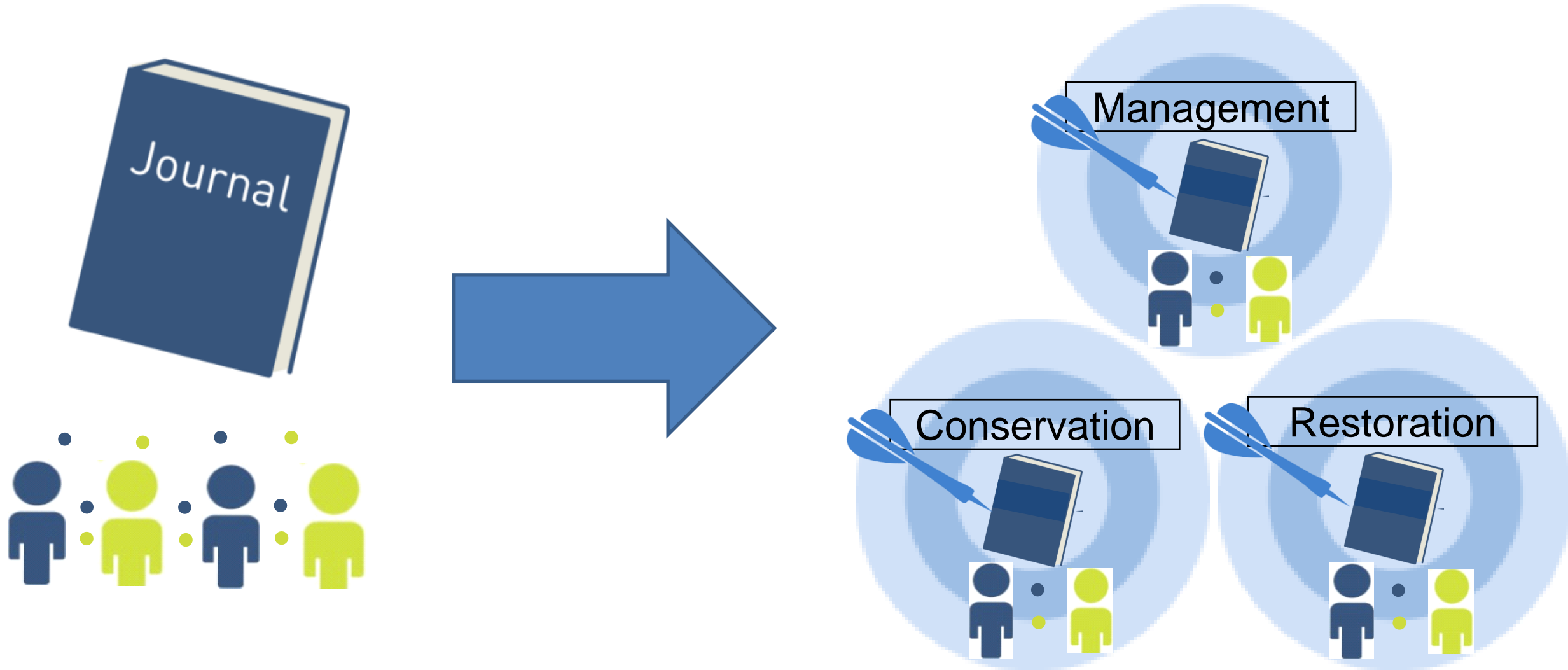
What *is* co-design?



What *is* co-design?



Knowledge Uptake



What are the benefits of co-design?

- Increasing the chances that the research results will be useful and usable to decision-makers
 - Applying unique approaches to provide “decision-ready” information
 - Flexibility in adjusting to changing needs
 - Opportunities for shared learning and discovery

Mapping Hawaiian Coral Reef Habitats

Greg Asner, Arizona State University

- Where are coral reef habitats located and are they dead or alive?
- Which coral reefs survived a marine heat wave that occurred in 2019?
- How can this knowledge inform selection of protected areas and/or restoration sites?

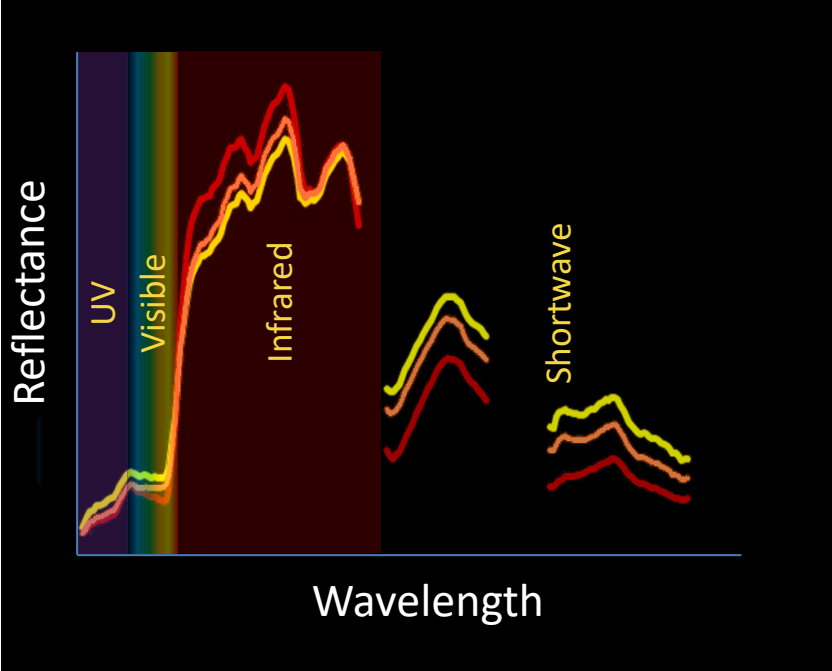
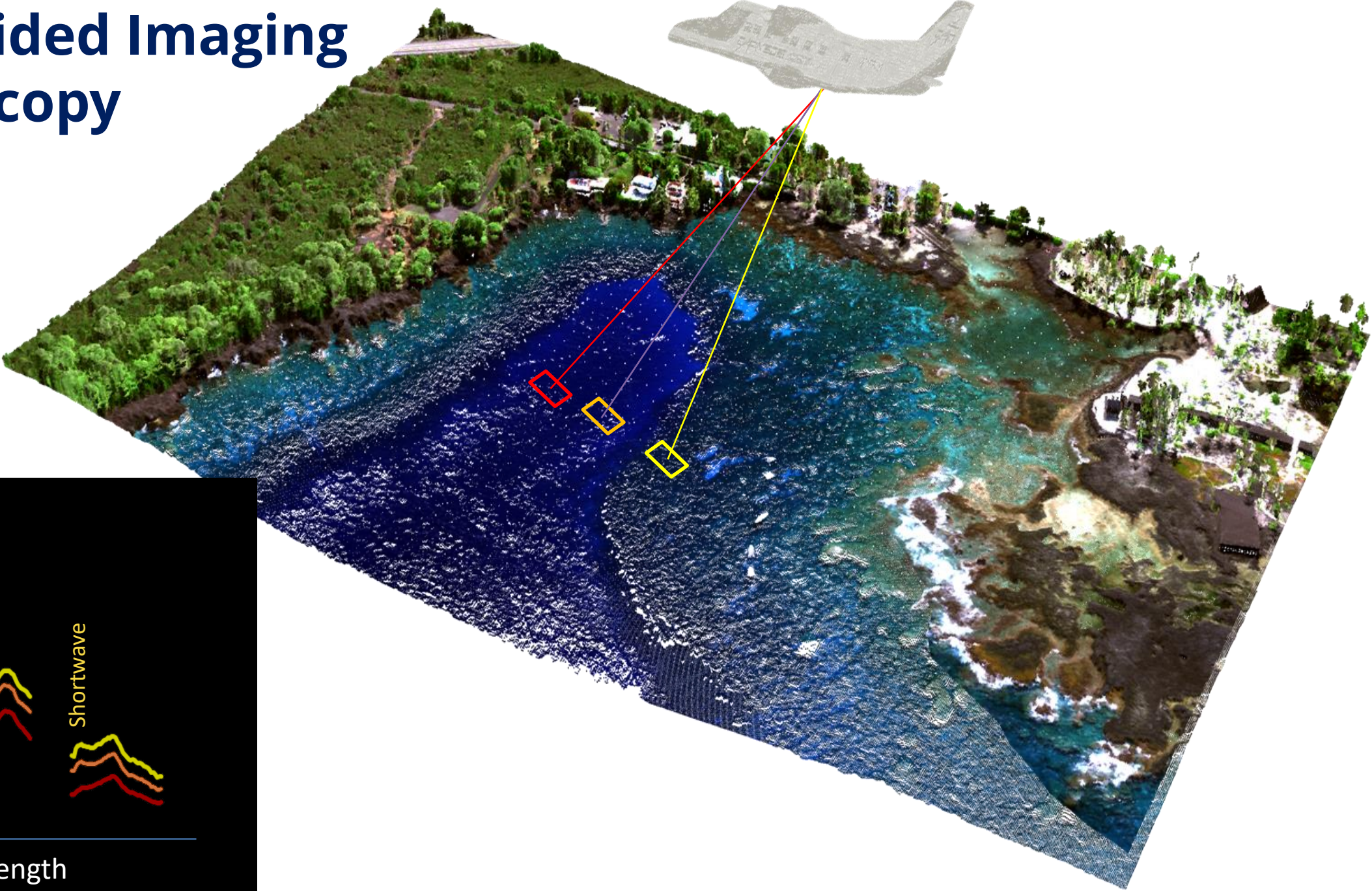
Mapping Hawaiian Coral Reef Habitats

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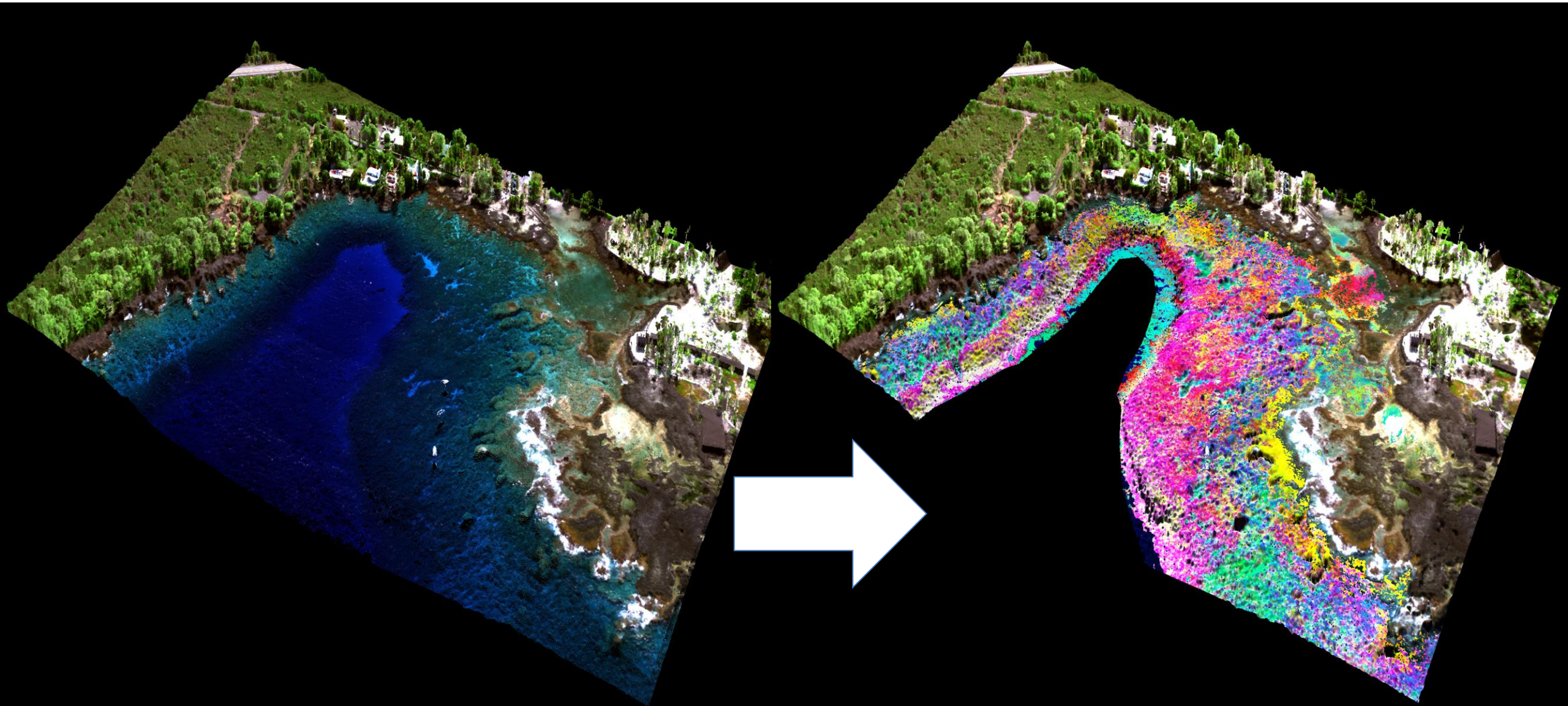


- Marine 30-by-30 Initiative
- State-wide restoration

Laser-guided Imaging Spectroscopy



Mapping Reefscapes: Live Coral and Habitat Complexity



Available Resources

- UN Decade experts, staff, and documents
- Existing literature of approaches and examples
- Scientists/researchers experienced in co-design
- “Boundary spanning” institutions
- Guidance questions and evaluation criteria



Thank you!
Any questions?

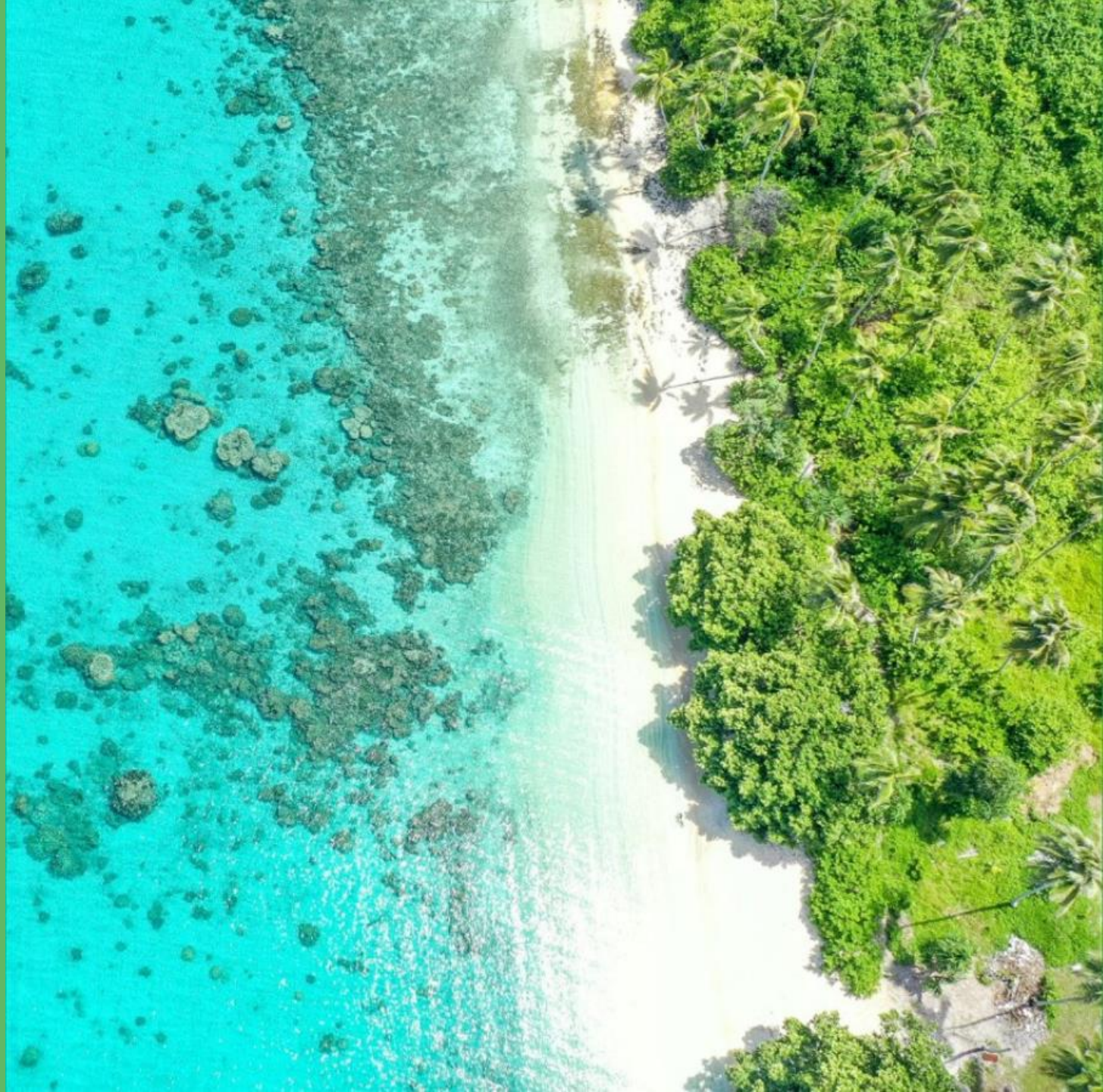
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[@jlOceanExplorer](https://twitter.com/jlOceanExplorer)
[@lenfestocean](https://twitter.com/lenfestocean)

Katy Sopai
Pacific Community Centre for
Ocean Science (PCCOS)
Pacific Community (SPC)



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Pacific solutions to save our ocean: Integrated Ocean Management program

Endorsed Decade of Ocean Science Program

Katy Soapi

**Pacific Community Centre for Ocean Science (PCCOS)
Pacific Community (SPC)**

24 November 2021, IOC-UNESCO Webinar

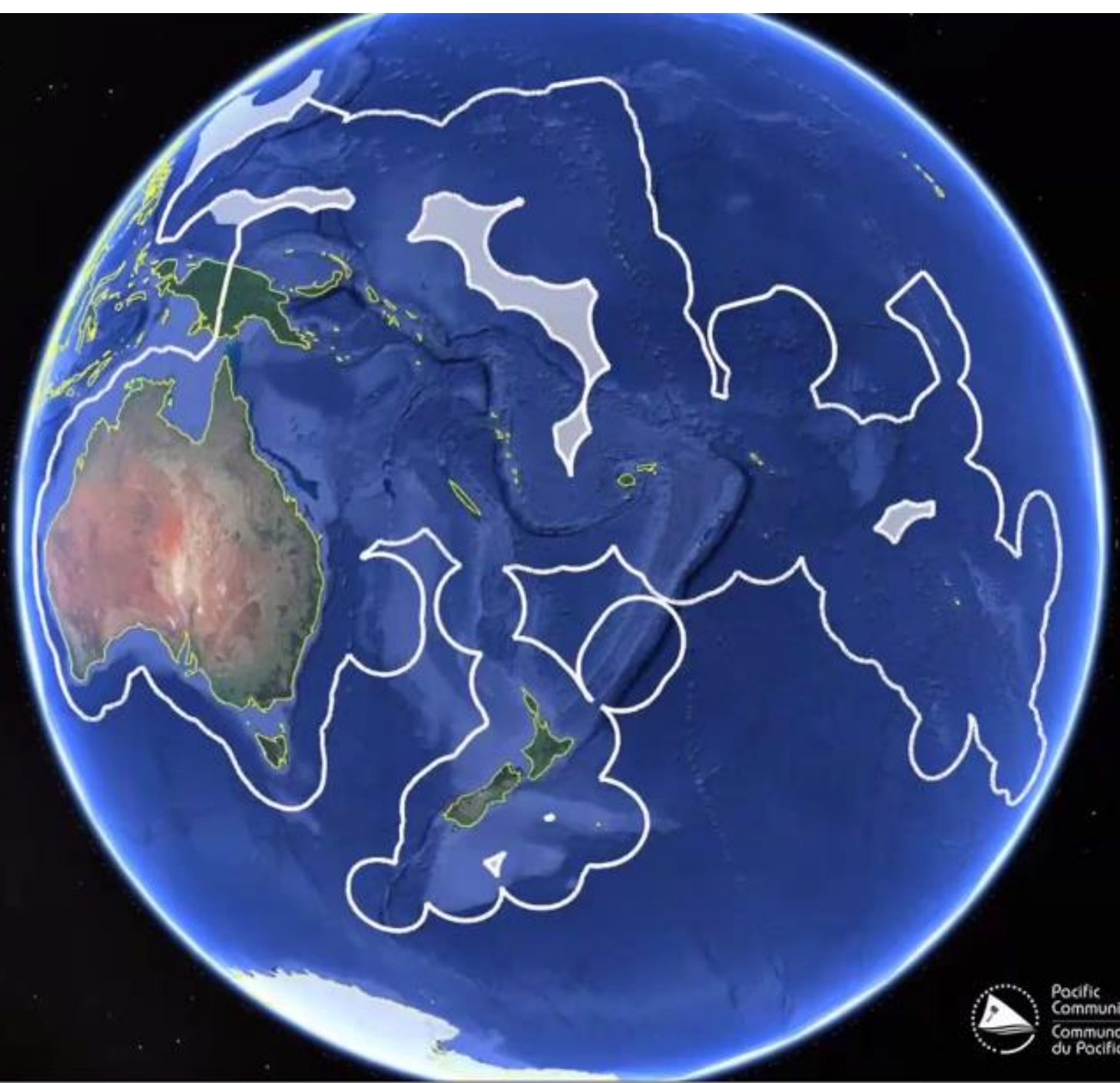
The Blue Pacific Continent

24 Pacific Countries
and Territories

42 million people

42 million km²

30% of the world's
Exclusive Economic
Zones (EEZ)

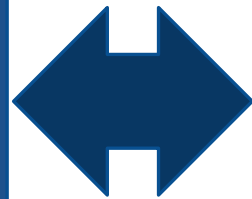




The Science We Need For The Ocean We Want

**2021
2030** United Nations Decade
of Ocean Science
for Sustainable Development

A global framework to support efforts
to reverse the cycle of decline in Ocean
health & create improved conditions
for sustainable development



Pacific Community (SPC) 26 Member Countries and Territories



PICTs **easily access the ocean science
and expertise** they need to make
informed decisions and to protect
and sustainably manage ocean
resources.



**2021
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for Sustainable Development



United Nations
Educational, Scientific and
Cultural Organization

Organisation
des Nations Unies
pour l'éducation,
la science et la culture



With the support of
Avec le soutien de la

Intergovernmental
Oceanographic
Commission

Commission
océanographique
intergouvernementale



Pacific
Community
Communauté
du Pacifique



Australian Government



NEW ZEALAND

THE PACIFIC COMMUNITY WORKSHOP ON THE UNITED NATIONS DECADE OF OCEAN SCIENCE FOR SUSTAINABLE DEVELOPMENT

23-25 July 2019



National Ocean Policies: timeline

1982
UNCLOS

2005
Pacific Islands
Regional
Ocean Policy
PIROP

2010
**Framework for
a Pacific
Oceanscape
FPO**



2021
2030
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FPO, 2010:

- little progress on ocean governance
- no national ocean policies
- no dedicated national institutions

2016 Cook
Islands
Marae
Moana
Policy



2016
Vanuatu's
National
Ocean
Policy



2018
Solomon
Islands
National
Ocean Policy



2020
Samoa
Ocean
Strategy



2020
PNG
National
Ocean
Policy



2020
Niue
Moana
Mahu
regs.



(2021)
Fiji's
National
Ocean
Policy



Analysis of NOPs shows that all include the principles of, and aspire to the implementation of,
Integrated Ocean Management

Pacific solutions for a healthy Blue Pacific Continent: Integrated Ocean Management to sustain livelihoods today and into the future

Officially Endorsed Action



2021 United Nations Decade
of Ocean Science
2030 for Sustainable Development

Integrated Ocean Management



CULTURE & TK:

Actions are inclusive of traditional knowledge



LAW & POLICY:

Robust legal instruments and policy frameworks

SCIENCE: Improved decision support systems

Next steps ...

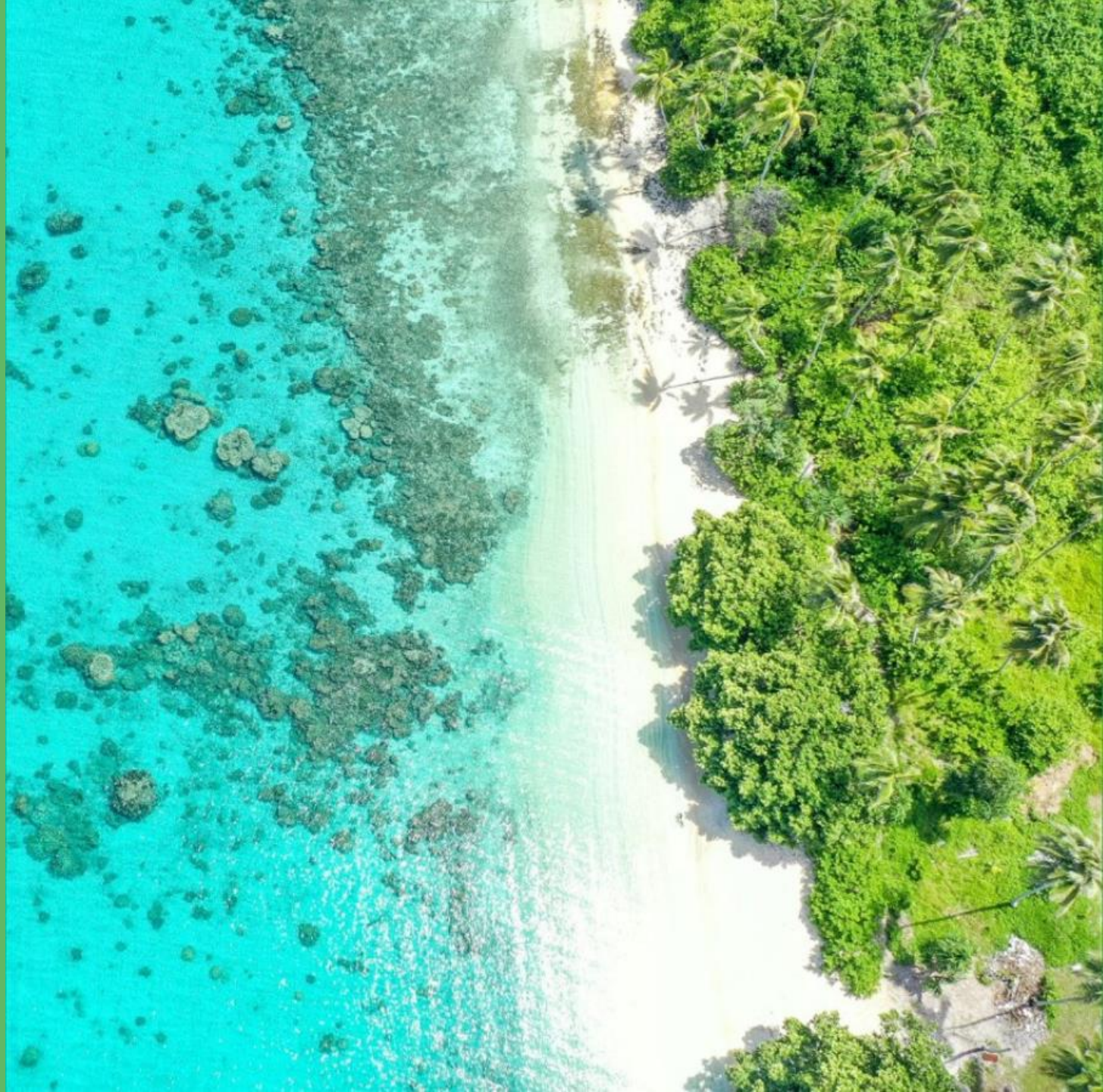
Boosting Pacific actions and shaping the future

- **Virtual dialogues and consultations for the Ocean Decade** and the regional flagship Programme on Integrated Ocean Management (**Member Countries**, CROP, public and private partnerships, UNESCO-IOC)
- Take time to build a community of practice
- National leads - The value of champions and Early Career Ocean Professionals.
- Resource mobilisation

Edem Mahu
Department of Marine and
Fisheries Sciences
University of Ghana



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DECADE ENDORSEMENT OF GLOBAL OCEAN CORPS AND CONVEYOR: OBSERVATIONS AND LESSONS

DR. Edem Mahu

Senior Lecturer, Marine Biogeochemistry
Department of Marine And Fisheries Sciences
University Of Ghana

Outline

- The Genesis of the Global Ocean Corps and Conveyor (GOCC) Story
- Lessons from GOCC Endorsement
- Potential reasons for no show from LCD/SIDs

The Genesis of the Global Ocean Corps and Conveyor Story

Summer school in Ghana focused on West Africa
Potential UN Decade Project

Concept Similar to US Peace Corps more emphasis on moving scientists from the Global North to the Global South
Submitted to UN Ocean Decade

Moving Ocean Scientists Around the World for capacity development/knowledge transfer/collaborations etc.
Endorsed Decade Programme

COESSING

Ocean Corps

The Global Ocean Corps and Conveyor

Lessons from GOCC Endorsement

Team work!
Dedicated team members who made the time for all meetings with no expectation for financial gains

ECOP Inclusion
Excellent support from our ECOPs on the project

Regular support from UNESCO/IOC. Very instrumental in shaping the initial concept to fit the scope of a programme



Potentials reasons for no show from LCD/SIDs

Global Nature of the Pitch

Focus on Local/Regional problem (local problems), overfishing, pollution

Pushing Force

**Institutional Support
e.g., infrastructure, administrative, human capacity, laboratories, equipment, funds**

Confidence

Taking up leadership roles positions, experience from parachute sciencing! colonialist effect, reputation

Mistrust

Competing rather than collaborating, not willing to share information sharing, gatekeepers

Apathy

Lack of interest, preference for consultancies that bring extra income

Busy ECOPs

Work overload, Lack of interest,

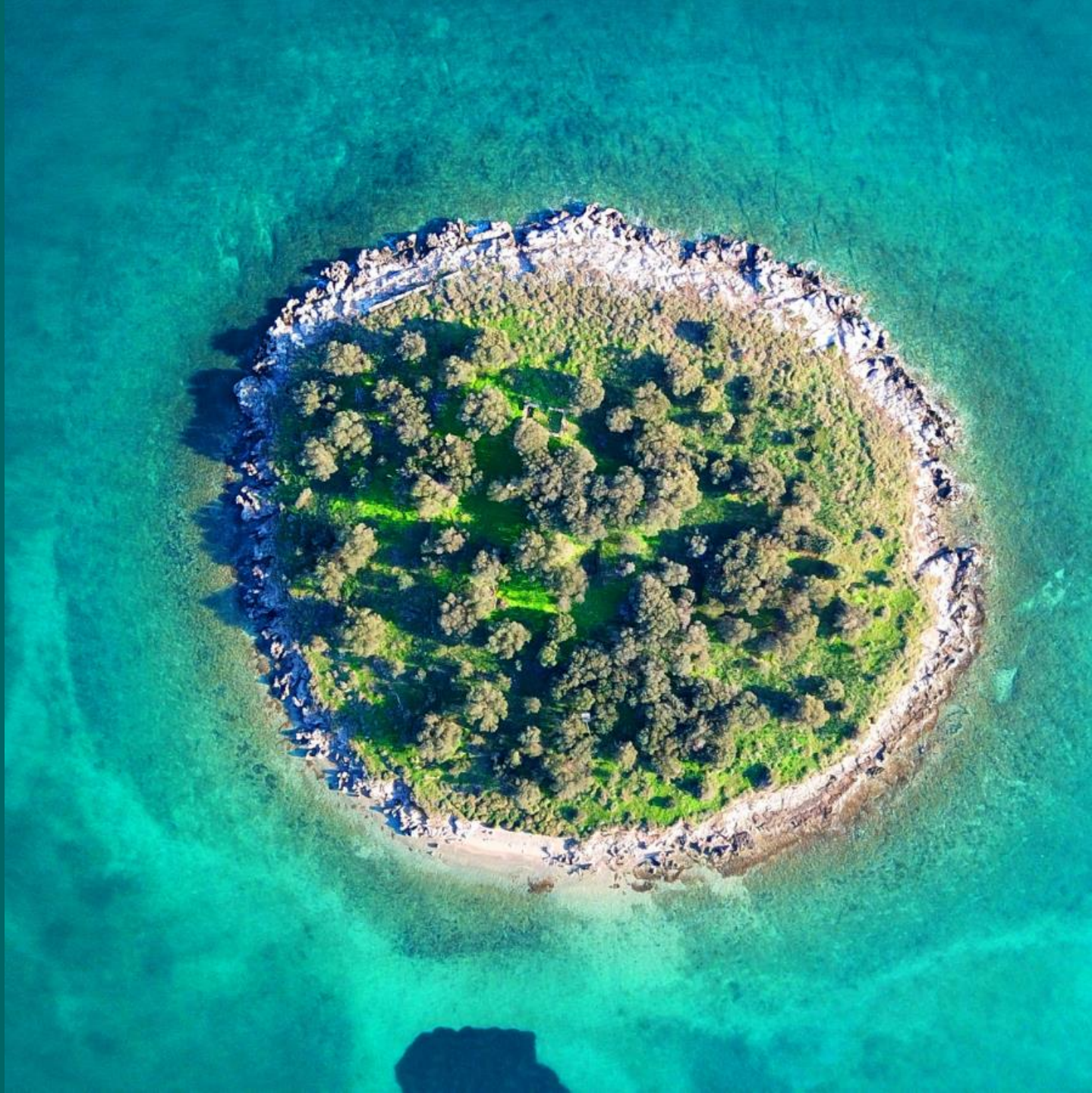
Thank you

Part 2:

Supporting and promoting lead engagement of SIDS, LDCs, LLDCs in future Ocean Decade Actions



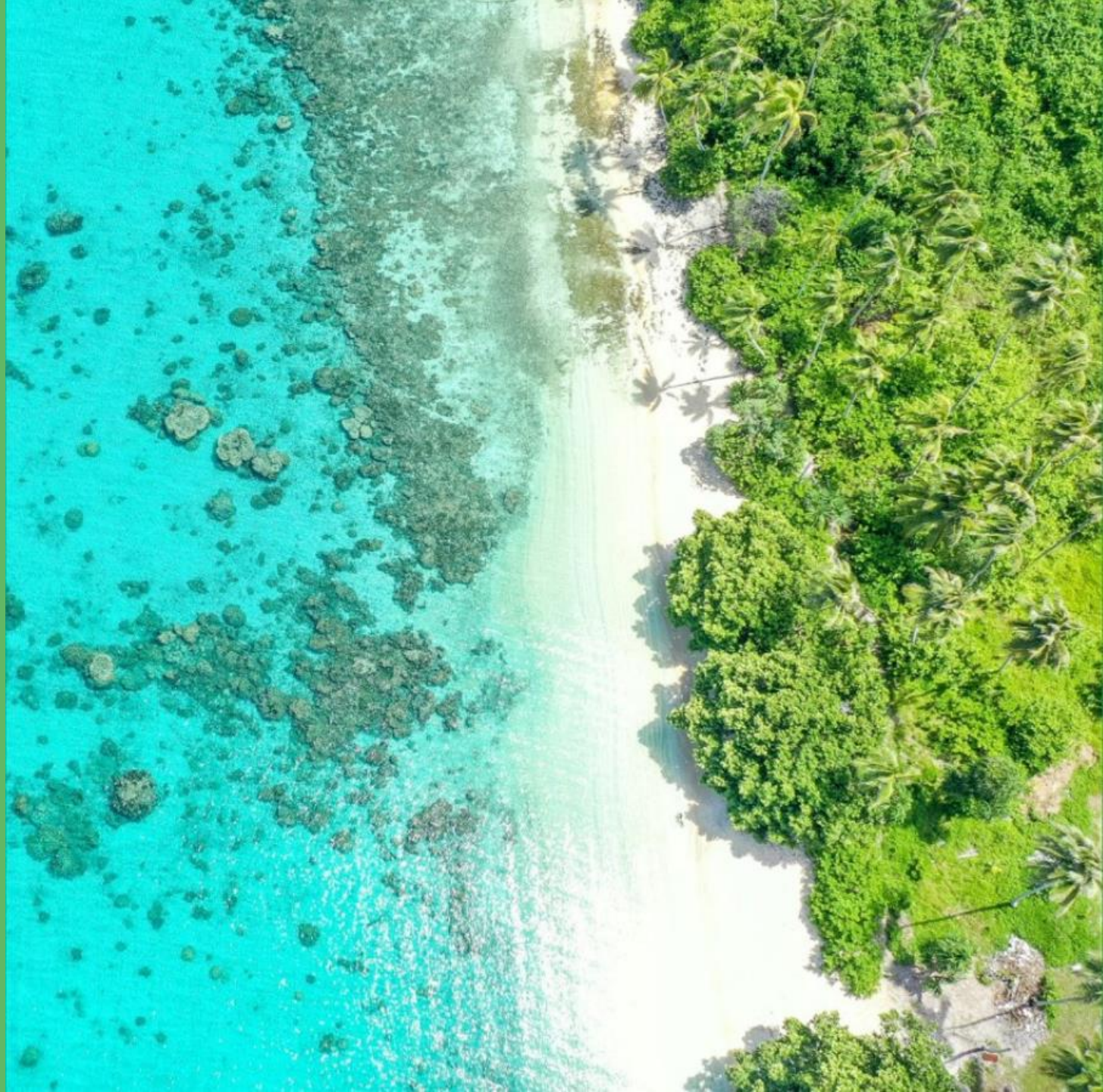
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Wenxi Zhu
WESTPAC



2021 United Nations Decade
2030 of Ocean Science
for Sustainable Development



Supporting and promoting lead engagement of Small Island Developing States (SIDS) and Least Developed Countries (LDCs) and Land-Locked Developing Countries (LLDCs)”, 24 November 2021

The UN Ocean Decade Kickoff Conference for the Western Pacific and its Adjacent Areas
25-26 November 2021, Online

Join the collective global movement,
engage with various ocean stakeholders in the region,
and develop ocean science solutions for the ocean we want!

Wenxi Zhu, Ken Ando, Fangli Qiao, Vo Si Tuan, Aileen Tan Shu Satapoomin, Somkiat Khokiattiwong, Zainal Arifin, Gil Jacinto, Youn-Ho Lee

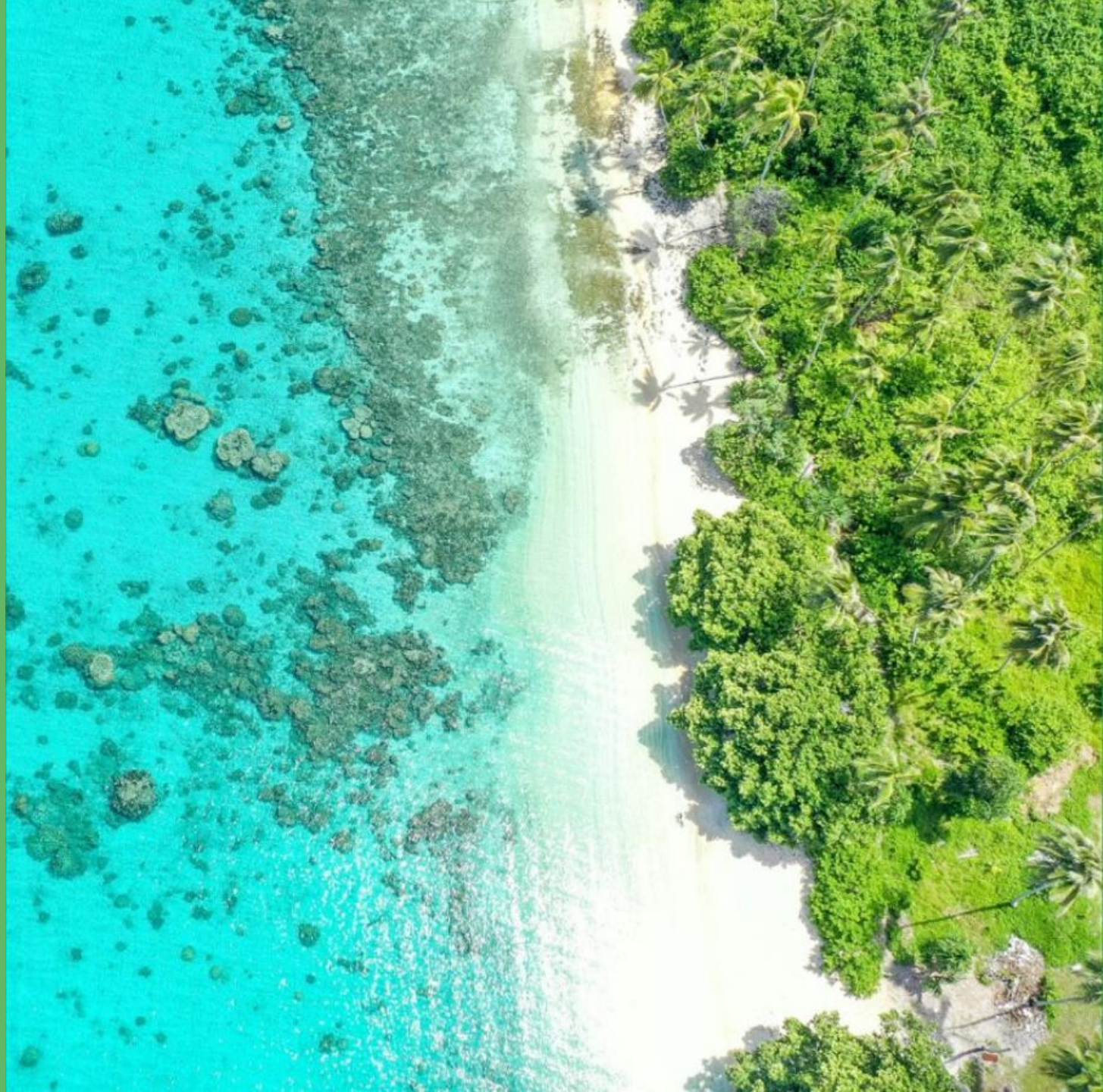
IOC Sub-Commission for the Western Pacific, I



Mika Odido
IOCAFRICA



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for Sustainable Development





United Nations
Educational, Scientific and
Cultural Organization

Organisation
des Nations Unies
pour l'éducation
la science et la culture

Organización
de las Naciones Unidas
para la Educación
la Ciencia y la Cultura

Организация
Объединенных Наций по
вопросам образования
науки и культуры

• Intergovernmental
Oceanographic
Commission

• Commission
océanographique
intergouvernementale

• Comisión
Oceanográfica
Intergubernamental

• Межправительственная
океанографическая
комиссия

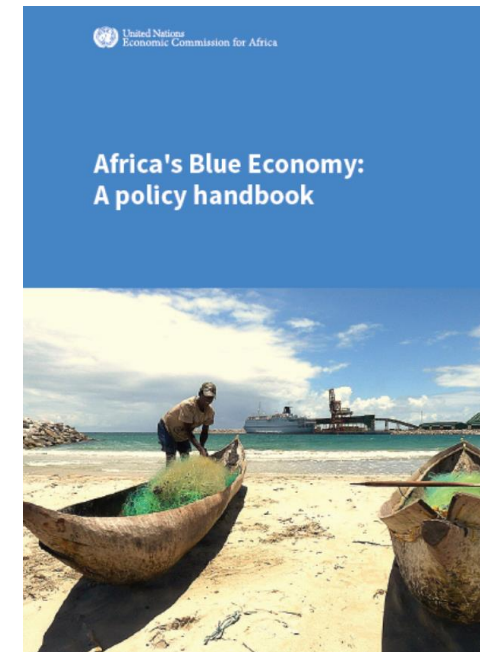
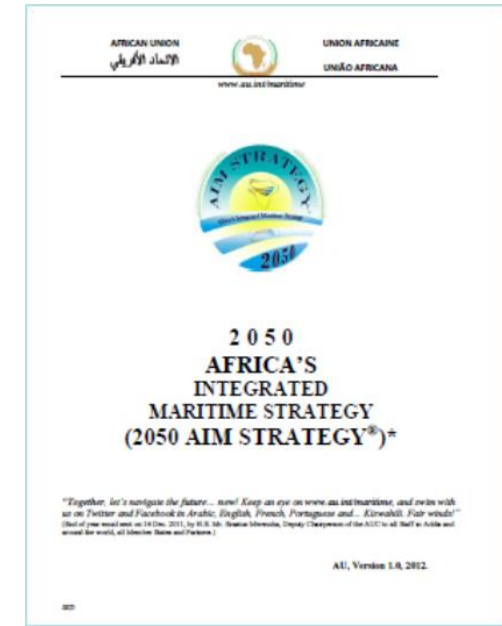
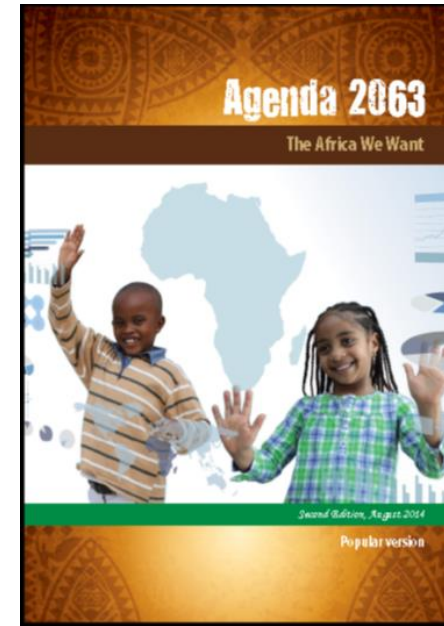
Africa and the UN Decade of Ocean Science for Sustainable Development.

Mika Odido

IOC's Sub Commission for Africa and the Adjacent Island States

AGENDA 2063: Recognizes *that Africa's Blue economy shall be a major contributor to continental transformation and growth, advancing knowledge on marine and aquatic biotechnology, the growth of an Africa-wide shipping industry, the development of sea, river and lake transport and fishing; and exploitation of and beneficiation from deep sea mineral and other resources*

- ✓ Africa Integrated Maritime Strategy 2050
- ✓ **Declaration of 2015-2025 as the "Decade of African Seas and Oceans"**
- ✓ Declaration of 25 July as the African Day of Seas and Oceans.
- ✓ Preparation by UN Economic Commission for Africa (ECA) of the Africa's Blue economy handbook
- ✓ Adoption of the Africa Blue Economy Strategy
- ✓ Regional Planning for the UN Decade of Ocean Science for Sustainable Development



Regional Consultations on the UN Decade of Ocean Science for Sustainable Development (2021-2030) for Africa and the Adjacent Island States, 27-29 January 2020, Nairobi, Kenya.

Collaboration with UNEP, WIOMSA, GIZ, CORDIO, SCOR

- 1. *Harnessing the demographic dividend*** by empowering the huge pool of youthful population. The focus should be on getting them into ocean sciences through ***focused ocean literacy programmes, supporting skills development and mentoring*** to enable them fit in the job market and creating new opportunities for employment.
- The Decade should ***catalyse research*** in the following fields: marine renewable energy and deep ocean water applications; bioprospecting, biotechnology and pharmaceuticals; mariculture and offshore aquaculture; climate change impacts and the oceans-climate nexus; baseline monitoring of essential ocean variables; mapping ecosystems and habitats; ***and linking the research results to societal applications.***
- 3. Improving the quality and quantity of research outputs.*** Scientists and institutions should think beyond producing publications to ***transforming lives through innovation and robust application of ocean science.***
- Ocean research in the region should be ***strengthened through stronger integration of sciences, greater investment in ocean observing systems and improved science-policy interface.*** New partnerships should be developed, supported by a new ocean-climate finance, and improved ocean literacy and education to modify social norms and behavior...
- Establishment of ***university-based ocean innovation incubator hubs, supported by the private sector,*** to serve as a conduit to transform research results to action via technological development that is adapted to regional and local contexts and led by African researchers.



Kick-off Conference of the UN Decade of Ocean Science for Sustainable Development for Africa and the Adjacent Island States 13-15 December 2021 (Alexandria, Egypt and ONLINE)



One Planet, One Ocean

REGIONAL GAP ANALYSIS (with WIOMSA): Priority needs for Africa under the Ocean Decade and identify the key barriers, opportunities and actions to meet those needs.

- Identify the current state of knowledge and data in ocean science, transdisciplinary research as well as existing infrastructures, networks, partnerships and resources in the region.
- Identify the knowledge gaps, scientific priorities, potential baselines and capacity-development needs in the region in order to achieve the Ocean Decade challenges.
- Elaborate recommendations to co-design regional initiatives, identify opportunities to develop capacity development initiatives as well as opportunities of partnerships and resource mobilization in the region.
- Pre conference workshop (6-8 December 2021): National Decade strategies and priorities, Regional Gap Analysis results: Regional priorities
- Regional Kick-off Conference (13-15 December 2021): *Take stock of status of ocean science and technology in the region, deliberate on how ocean sciences in Africa should be supported and focused on delivering the required societal outcomes, and seek interest and commitment of the oceanographic community to embark on a number of directions of research which are critical for ocean sustainable management.)*

LINKAGE TO THE AFRICAN DECADE OF OCEANS AND SEAS (2015-2025), THE AFRICA BLUE ECONOMY STRATEGY, & 2050 AIM STRATEGY



One Planet, One Ocean

UNESCO/IOC's Sub Commission for Africa and the Adjacent Island States (IOCAFRICA)

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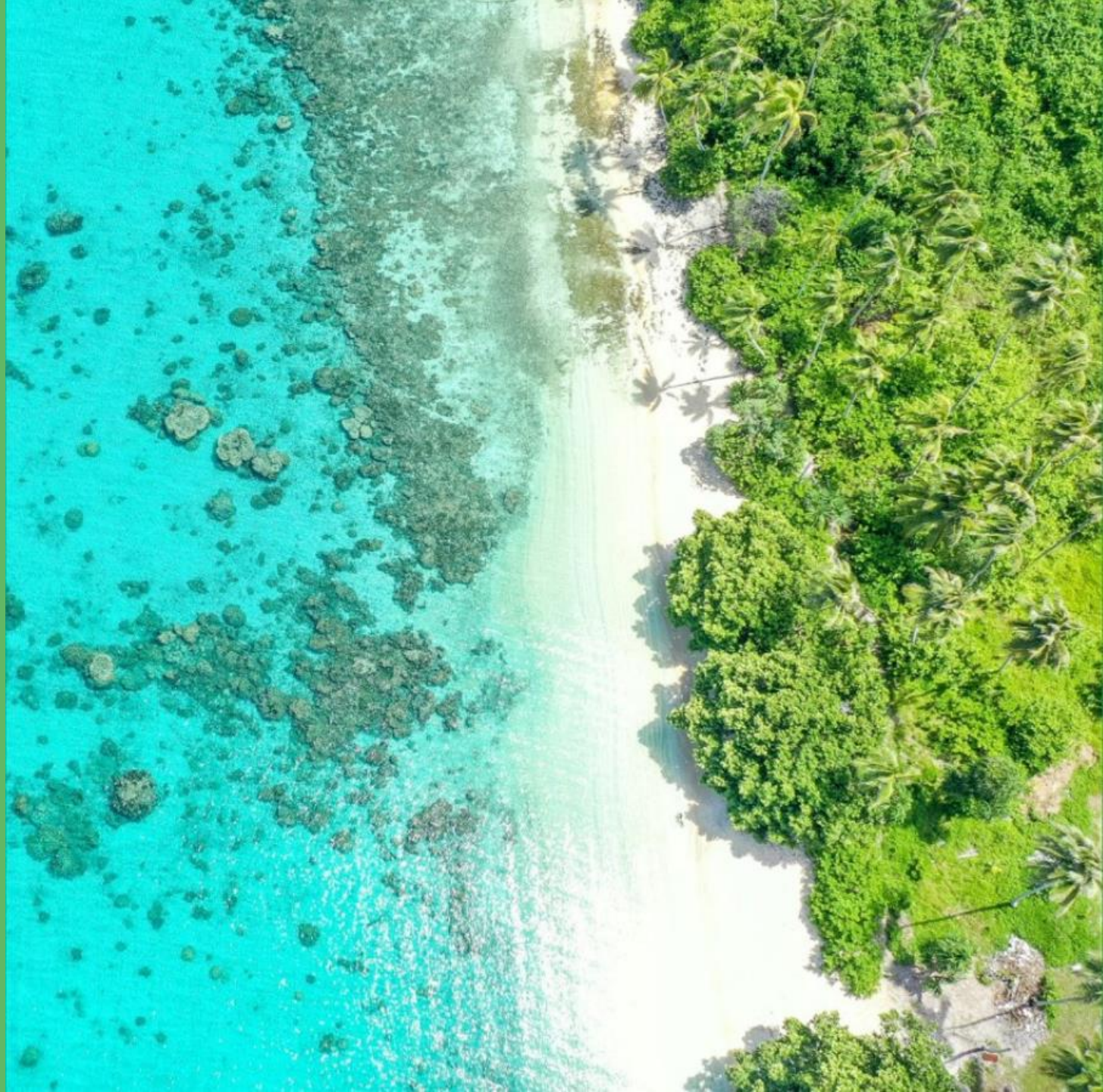
m.odido@unesco.org

Cesar Toro

IOCARIBE



2021 United Nations Decade
2030 of Ocean Science
for Sustainable Development





TROPICAL AMERICAS AND THE CARIBBEAN REGION

REGION TROPICAL DE LAS AMERICAS Y EL CARIBE

RÉGION DE L'AMÉRIQUE TROPICALE ET DES CARAÏBES

Supporting Action in Small Island Developing States (SIDS), Least Developed Countries (LDCs) and Land-Locked Developing Countries (LLDCs) in the Ocean Decade

IOCARIBE Regional Activities

Dr. Cesar TORO

IOCARIBE

One Planet, One Ocean / Un Planeta, Un Océano / Une planète, un océan

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IOCARIBE ISLAND MEMBER STATES

1. Antigua and Barbuda,
2. Aruba,
3. Bahamas,
4. Barbados,
5. Cuba,
6. Curacao,
7. Dominica,
8. Dominican Republic,
9. Grenada,
10. Haiti,
11. Jamaica,
12. Saint Kitts and Nevis,
13. St. Lucia, St. Maarten,
14. St. Vincent and the Grenadines,
15. Trinidad and Tobago.

15

Island States



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IOCARIBE MEMBER STATES ISLAND TERRITORIES

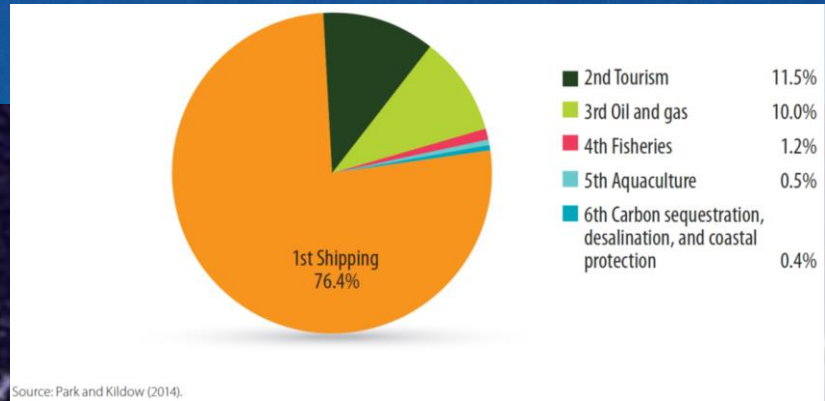
1. Anguilla (United Kingdom),
2. Bermuda (United Kingdom),
3. British Virgin Islands (United Kingdom),
4. Cayman Islands (United Kingdom),
5. Guadeloupe (France),
6. Montserrat (United Kingdom),
7. Martinique (France),
8. Bonaire, (The Netherlands)
9. Saint Eustatius, (The Netherlands)
10. Saba (The Netherlands),

10

Territories



TROPICAL AMERICAS AND THE CARIBBEAN REGION
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Source: Park and Kildow (2014).



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RÉGION DE L'AMÉRIQUE TROPICALE ET DES CARAÏBES

UN DECADE OF OCEAN SCIENCE FOR SUSTAINABLE DEVELOPMENT 2021-2030 WESTERN TROPICAL ATLANTIC REGIONAL (WTA) WORKSHOP 27-28 April 2020.

Regional Consultation to facilitate the dialogue and the discussion for experts and stakeholders to define the Western Tropical Atlantic Region (WAT) Scientific Priorities and how they will be reflected in the Global Process of the UN Decade.



2021 United Nations Decade of Ocean Science for Sustainable Development



TROPICAL AMERICAS AND THE CARIBBEAN REGION
REGIÓN TROPICAL DE LAS AMÉRICAS Y EL CARIBE
RÉGION DE L'AMÉRIQUE TROPICALE ET DES CARAÏBES

Establishment of a **Regional Planning Group and Working Groups** by Societal Outcomes and Capacity Development July 2020 to advance and coordinate strategic partnerships and actions for the WTA Region.

Virtual UN Decade Co-design Webinar Series

Co-designing the Ocean Science we need for the Western Tropical Atlantic
Webinar 4 November 2020

Co-designing the Ocean Science we need for the Eastern Tropical Pacific
Webinar 28 January 2021



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AGENCIES / INSTITUTIONS INVOLVED

WORKING GROUP	LEADER (S)	DATE/TIME (COT)	TITLE OF WEBINAR	UN PARTNER AGENCY
A safe ocean	Christa von Hillebrandt-Andrade	8 th July 2021; 14:00 – 16:00	“Breaking down the Silos for More Effective Early Hazard Warning Services”	United Nations Office for Disaster Risk Reduction UNDRR
A transparent and accessible ocean	Albert Martis Edgar Cabrera	29 th July 2021 9:00 - 11:30	“A transparent Ocean with open information and technologies access”	World Meteorological Organization WMO
Capacity Development	Elva Escobar Ariel Troisi	19 th August 2021 10:00-12:00	“Deep sea Capacity Development needs in the WTA and the ETP for the Ocean we want”	International Seabed Authority ISA



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WESTERN TROPICAL ATLANTIC REGION

REGIÓN ATLÁNTICO TROPICAL OCCIDENTAL

RÉGION ATLANTIQUE TROPICALE OCCIDENTALE

AGENCIES / INSTITUTIONS INVOLVED

WORKING GROUP	LEADER (S)	DATE/TIME (COT)	TITLE OF WEBINAR	UN PARTNER AGENCY
A Clean Ocean	Lorna Inniss	31 de August 2021 9:00-11:00	"The Year 2031, A Clean Ocean - Steps to Success"	UN Environment Programme UNEP Cartagena Convention
A healthy and resilient ocean	Francisco Arias	9th September 2021 9:00-11:00	"Co-designing the path to sail the Decade of Ocean Science to reach the knowledge we need for the ocean we want in the WTA"	
A predicted ocean	Marck Oduber	23rd September 2021 9:00-11:30	"Changing the vibe to predict smooth sailing in the WTA and ETP: A Theory of Change approach"	World Meteorological Organization WMO
A sustainably harvested and productive ocean	Alejandro Acosta	7 th October 2021 9:00 - 11:30	"Co-existing Opportunities and Synergies: Exploring Opportunities for a sustainably harvested and productive ocean in the WTA"	Food and Agricultural Organization FAO



United Nations Decade of Ocean Science for Sustainable Development



WESTERN TROPICAL ATLANTIC REGION

REGIÓN ATLÁNTICO TROPICAL OCCIDENTAL

RÉGION ATLANTIQUE TROPICALE OCCIDENTALE

Tropical Americas & Caribbean Kickoff Conference 16-17 December 2021

Regional Planning Group



DECADE CHALLENGES

- 1 Understand and beat marine pollution
- 2 Protect and restore ecosystems and biodiversity
- 3 Sustainably feed the global population
- 4 Develop a sustainable and equitable ocean economy
- 5 Unlock ocean-based solutions to climate change
- 6 Increase community resilience to ocean hazards
- 7 Expand the global ocean observing system
- 8 Create a digital representation of the ocean
- 9 Skills, knowledge and technology for all
- 10 Change humanity's relationship with the ocean

Ocean Decade Actions



The UN Decade Regional Kick-off Conference will mark the launch of the UN Ocean Decade in the Tropical Americas and the Caribbean Region, and will highlight the two-year process and efforts where the Region advanced in the co-design process to find transformative ocean science solutions and develop Regional Ocean Decade Actions to achieve the Ocean Decade Outcomes.

During all this process, the particular interests and needs of the Island States have been taken into account. Ensuring that all of them will have access to the Science and technology needed and actively participate in the consultation process and in implementing the Ocean Decade Actions



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TROPICAL AMERICAS AND THE CARIBBEAN REGION
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AMERICAS TROPICAL OCEAN REGION

REGIÓN DEL OCEANO TROPICAL DE LAS AMERICAS

RÉGION DE L'OCÉAN TROPICALE DES AMÉRIQUES

MUCHAS GRACIAS

THANK YOU

MERCI BEAUCOUP

One Planet, One Ocean / Un Planeta, Un Océano / Une planète, un océan

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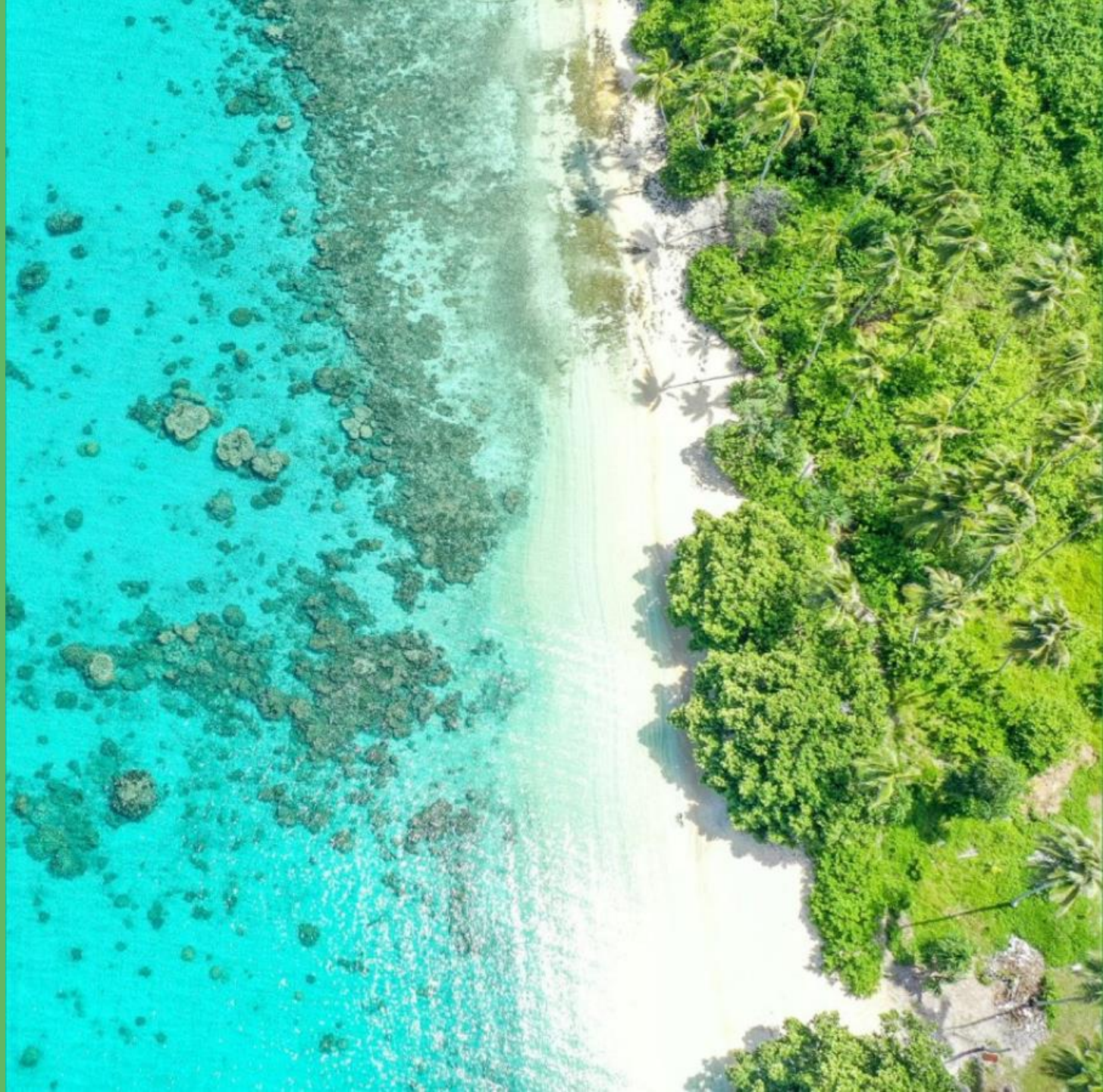
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Claudette Spiteri
Ocean Decade Coordination Unit
IOC-UNESCO



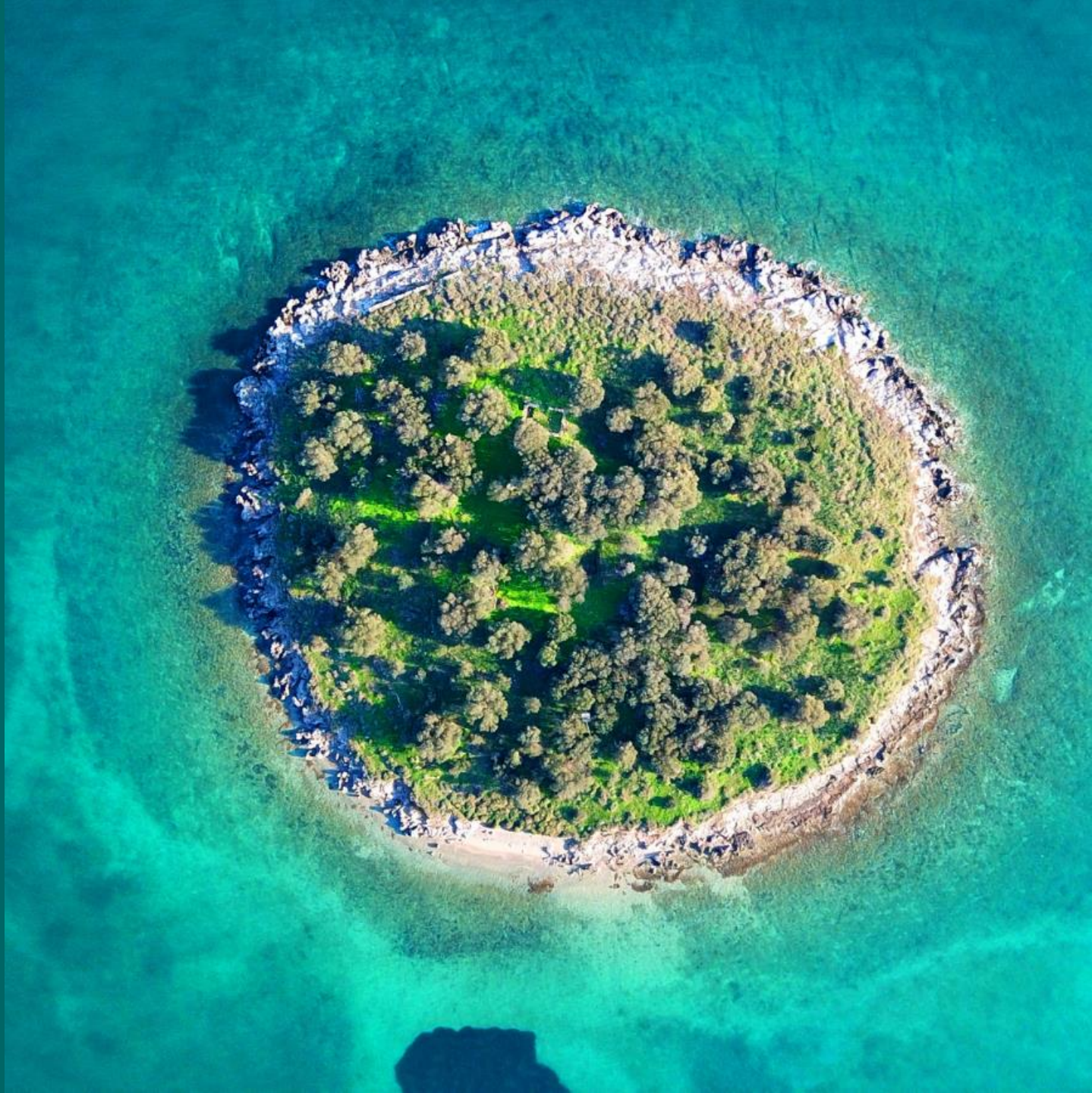
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Promoting
lead applicants
by
SIDS, LDCs and LLDCs
partners
in upcoming calls



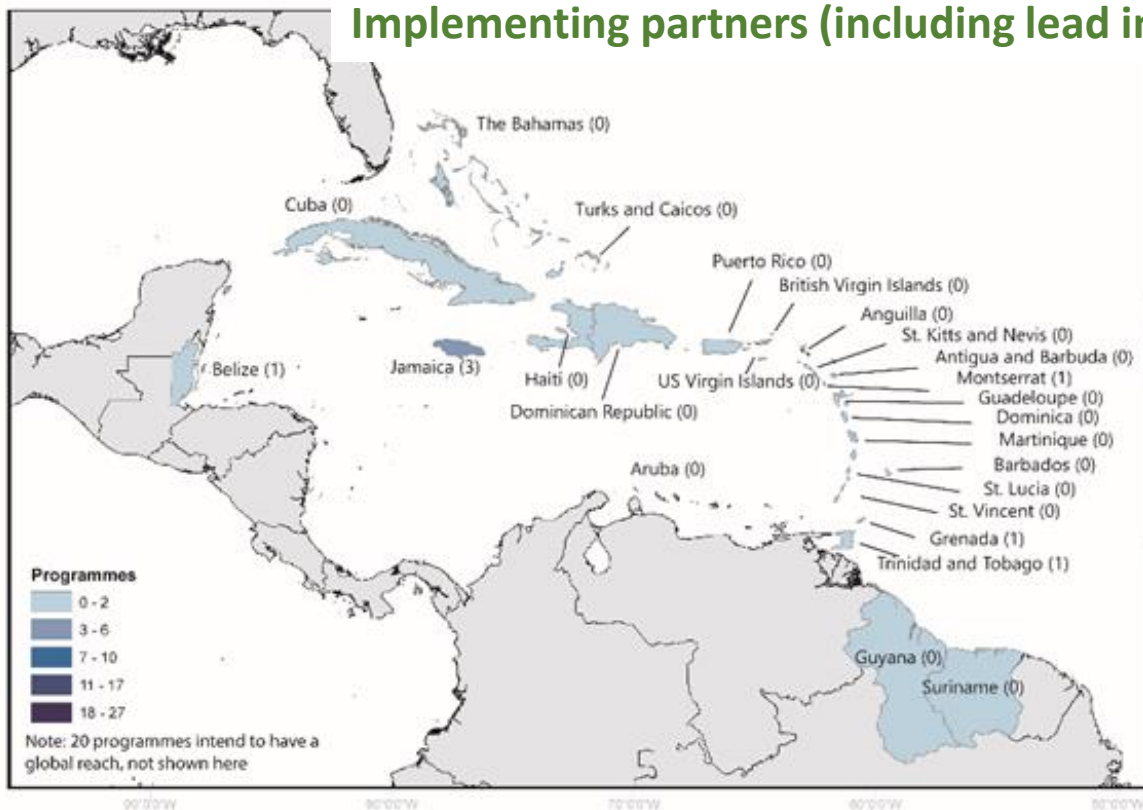
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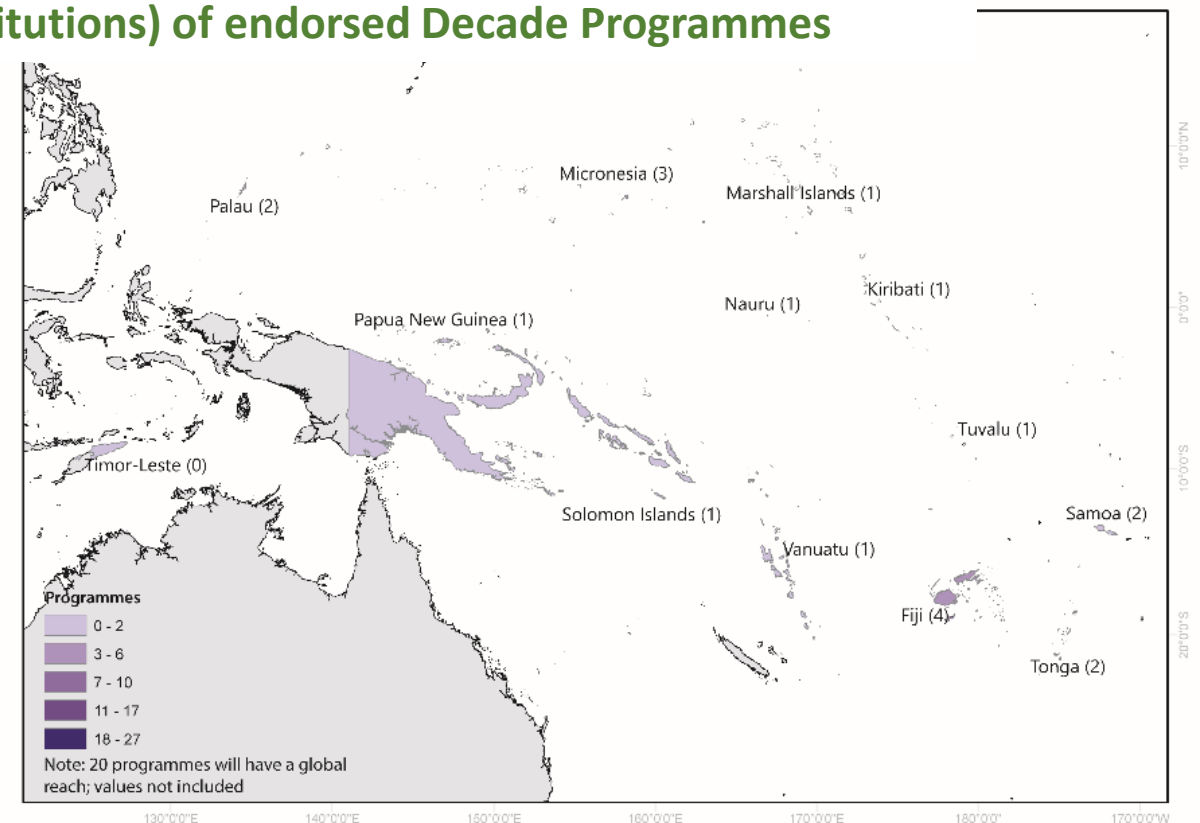
Outcomes of first Call for Decade Actions (No. 01/2020)

- Underrepresentation of SIDS, LDCs and LLDCs in the endorsed contributions
- Lack of organizations in SIDS, LDCs and LLDCs as lead partners

Endorsed Decade Actions for Caribbean SIDS Region



Endorsed Decade Actions for Pacific SIDS Region



Towards a ...

Decade Action Co-Design Support Facility

- Focus of the second Call of Decade Actions (No. 02/2021):
 - (i) to enhance leadership in SIDS, LDCs and LLDCs, including Africa
 - (ii) to increase Actions on the ground in these countries, preferably led by the countries themselves
- Importance of collaborative and co-design approaches
- Sharing of experiences during the preparation, submission and endorsement of Decade Actions
- Regional activities: IOC-Sub Commissions and relevant regional partners in the Caribbean (IOCARIBE), Africa (IOCAFRICA), Western Pacific (WESTPAC)



Towards a ...

Decade Action Co-Design Support Facility

- *What are the key limitations, challenges and needs?*
- *What could be provided in terms of support and solutions?*

➤ Go to <https://app.sli.do/event/8eu2pef4>

➤ #OceanDecade



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Poll 1: What, in your opinion, are the key needs for lead applicants by SIDS LDCs, and LLDCs partners?

1. Scientific capacity
2. Human resources
3. Expertise and know-how on co-design
4. 'Soft' infrastructure (i.e. networks)
5. 'Hard' infrastructure (i.e. technology, hardware, equipment etc)
6. Funding
7. Priority not listed (to be discussed)



Poll 2: If financial resources were available to support SIDS/LDCs/LLDCs in responding to the call for Decade Actions, how would you recommend that we use it? Which, in your opinion, are the top priority actions to address the needs?

1. Human resources development e.g. online and distance learning
2. Training e.g. training of trainers
3. Series of targeted 'incubator' sessions
4. Mentorship/technical support from Decade team to develop Actions (Programmes, Projects etc.)
5. Transfer of marine technology
6. Partnerships and networking
7. Priority not listed (to be discussed)



THANK YOU!

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