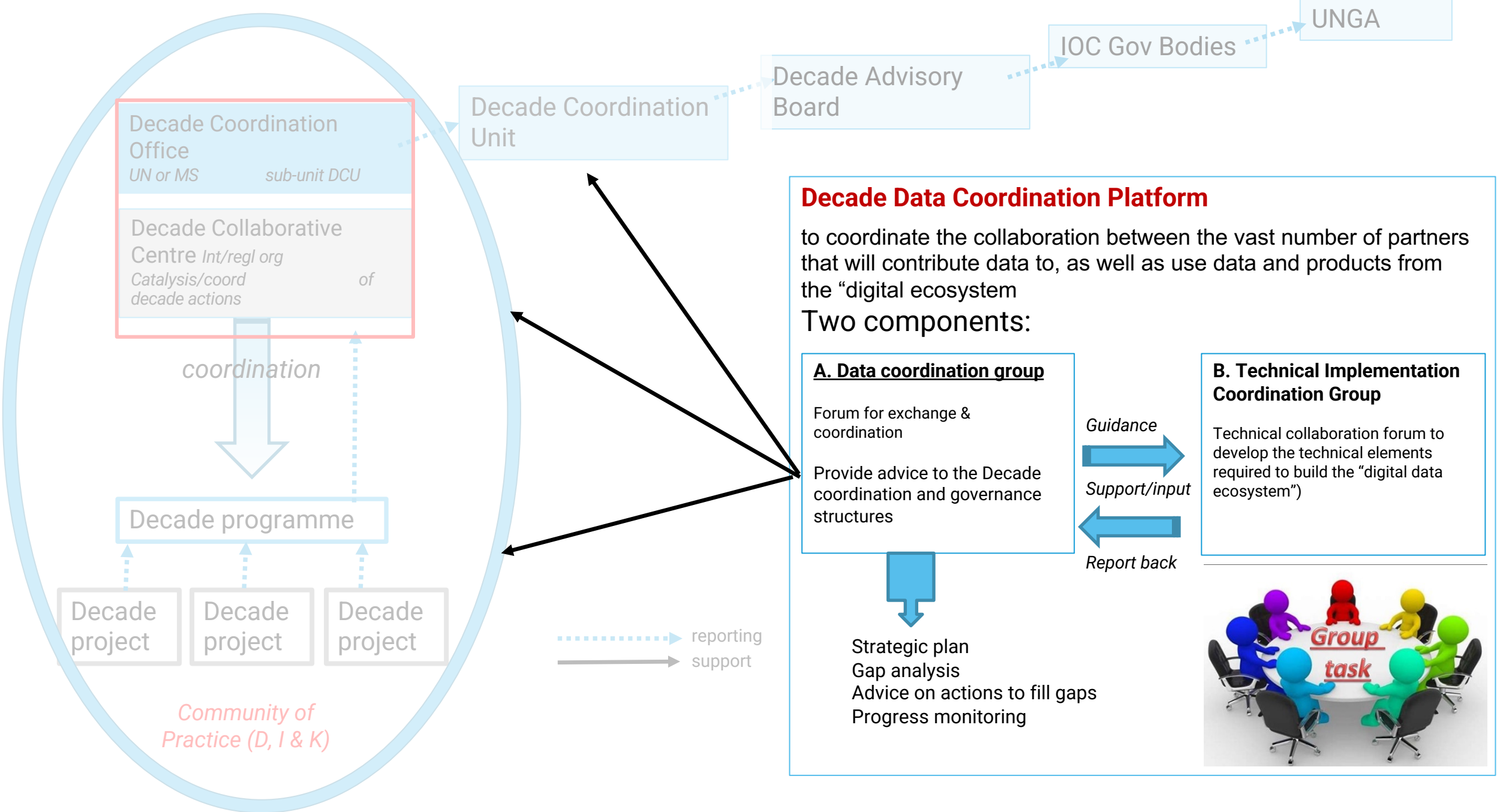




2021 United Nations Decade
2030 of Ocean Science
for Sustainable Development

The Ocean Decade Data Coordination Platform

Prepared by Kate Wing, Jan-Bart Calewaert and Terry McConnell for the
[International Ocean Data Conference 2022 - The Data We Need for the Ocean We Want](#) (14-16 February 2022, Sopot)
Session 4. DELIVERING A TRANSFORMATIVE DATA ECO-SYSTEM FOR THE OCEAN DECADE



A. Data Coordination Group - Key Tasks

Terms of Reference



- Develop an Ocean Decade Data **Strategic Plan**
- Develop a **gap analysis** & provide advice on closing these gaps
- **Document and exchange information** on existing and planned ocean data initiatives and developments
- Provide input to the design of **Calls for Decade Actions**, give advise on the endorsement of **Decade Actions** & support **Decade Actions**
- Provide **instructions to the Ocean Decade Data Technical Implementation Coordination Group** on the requirements that should be addressed on the technical components of the “digital ecosystem”

B. Data Technical Implementation Coordination Group

Objectives

Terms of Reference



Provide a Technical collaboration forum

To contribute to the development of a distributed, robust, and collaborative “digital ecosystem” of interoperating parts, that leverages open, scalable, easily implementable, and responsive digital management frameworks

B. Data Technical Implementation Coordination Group

Key Tasks

Terms of Reference



- Create and maintain an approachable, robust, and extensible set of **common and best practices** across scales, sectors, and capacities
- Develop **specifications for the “data ecosystem” component** systems and their guiding frameworks
- **Develop, or contribute to existing, pilot activities** related to **interoperability** networks of ocean data and information;
- **Provide guidance and advice** to the scoping, analysis and coordination of Ocean Decade Actions that focus on data and information.

B. Data Technical Implementation Coordination Group - Call for Expression of Interest (coming soon)



Terms of Reference



Membership of Technical Implementation Coordination Group will be open to

- ***Individual experts*** in areas relevant to the activities of the Group;
- ***Data management experts*** from UN entities, governments, industry, philanthropic Foundations, research institutes and other partners;

Membership will be for a period of two years (renewable)

Ocean Decade Data Coordination Group members



Kate Wing



Jan-Bart Calewaert



Joana Akrofi



Edward Armstrong



Jerome Aucan



Uday Bhaskar



Ute Brönnert



Pier Luigi Buttigieg



Rebecca Cowley



Taco De Bruin



Steve Diggs



Rob Emanuele



Marco Filippone



Evert Flier



Jeanette Gann



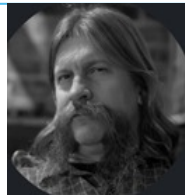
Hernan Garcia



Katherine Hill



Neil Holdsworth



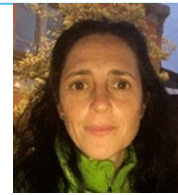
Kirk Larsen



Kevin O'Brien



Harrison Ong'anda



Ana Pinheiro
Privette



Nicolas Segebarth

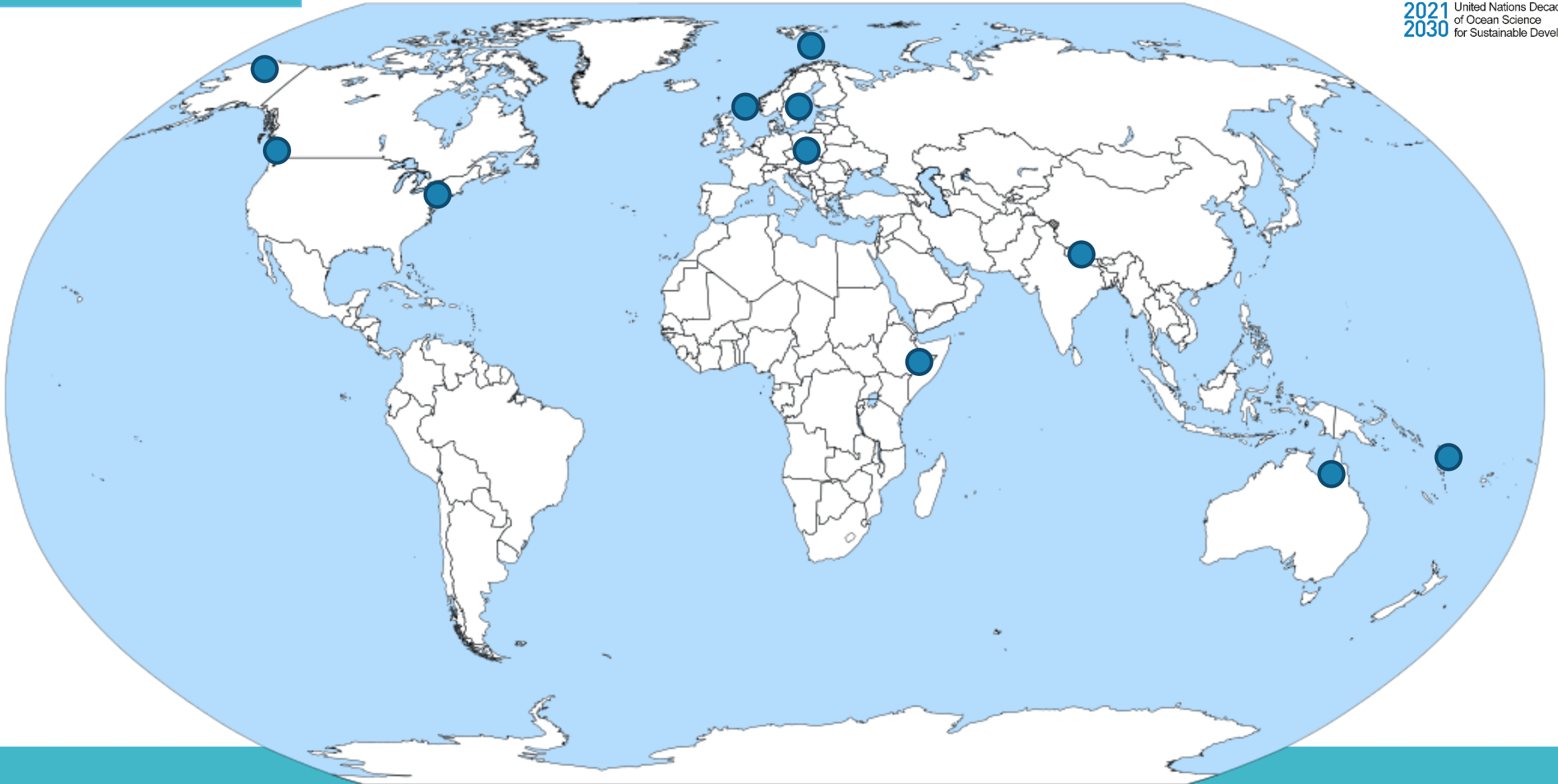


Rishi Sharma



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Ocean Decade Data Coordination Group members location



Amazon ICES PICES Vulcan

Microsoft

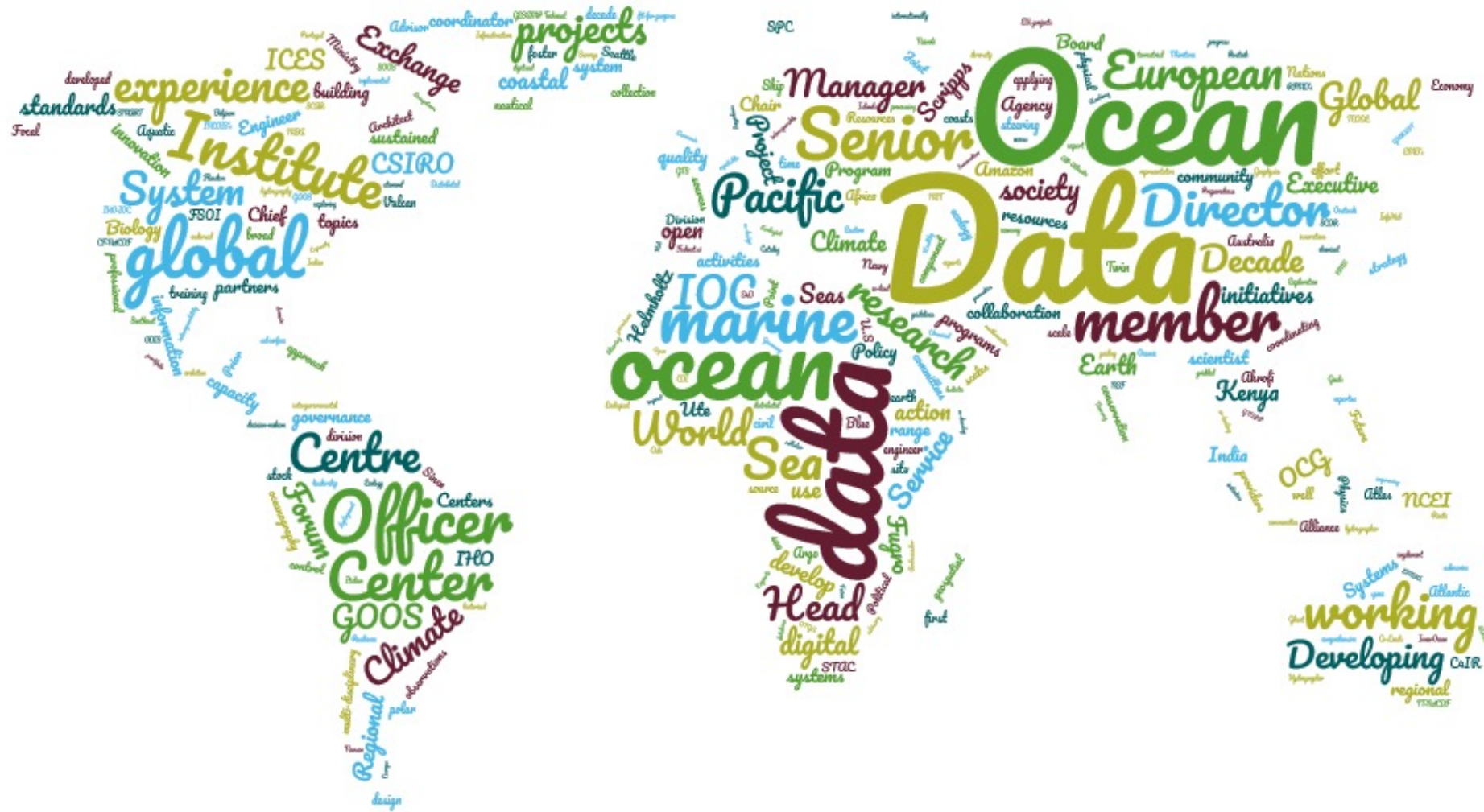
World Economic Forum EMODnet FAO

NASA SINTEF Ocean INCOIS UNEP

Pacific Community IODE CSIRO

NOAA

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Coordination Group Status & Next steps



Completed

- DCG members and co-chairs appointed; Group activated
- Two meetings held (Dec 2021 & Jan 2022)
- Clarification of tasks and objectives
- Subcommittee Working Groups being formed



Upcoming

- Next CDG meeting March 2022
- Integrate feedback from the IODE Conference and Pacific side-event
- **Develop analysis & strategy**
- Create thematic work groups to take on key cross-cutting issues
- Refine scope for **Technical Implementation Group**



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Thank you for attention, engagement and contributions !

The Ocean Decade Data Coordination Platform

Recap - Principles of Ocean Decade Data Ecosystem

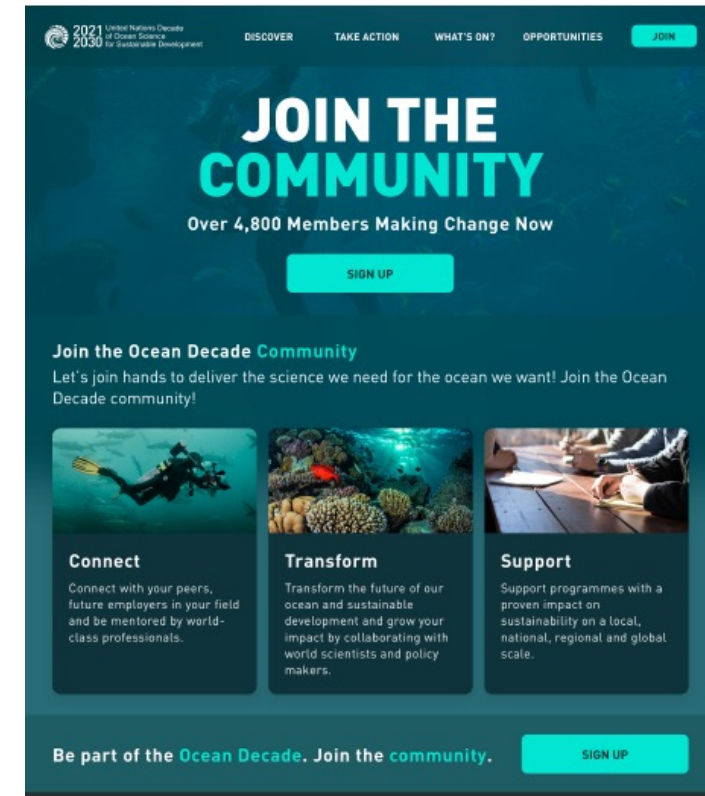
Ocean Decade vision => **collective development of a distributed, robust, and collaborative “digital ecosystem” of interoperating parts, that leverages open, scalable, easily implementable, and responsive digital management frameworks.**

This system will:

- Support a complete understanding of marine social-ecological systems **drawing from historical data, contemporary data** (including real-time data streams), **and modelled data** to help predict future ocean conditions.
- Be constructed to **contribute to the identification and fulfilment of knowledge gaps**
- **Embrace non-quantifiable forms of knowledge and diverse knowledge paradigms**—including indigenous and local knowledge, to contribute to the digitised evidence base.
- Be designed to **overcome existing barriers**—including a lack of digitisation capacity, data fragmentation, siloing of data, lack of data sharing, and hidden or underexploited datasets.

Stakeholder Engagement: Global Stakeholder Forum

- **1700+ registered users!**
- At the heart of the new Ocean Decade website with successful soft launch in October at forum.oceandecade.org
- Online community platform for the Ocean Decade – “LinkedIn” of the Decade
- Provides space for National Decade Committees, Communities of Practice, ECOPs, other groups and their members
- Will be the portal to submit Decade Activities and Decade Actions
- Facilitates sharing of information on events, news resources and Decade Actions
- Will be built out and tailored to user needs over time – feedback collected on a continuous basis



Important Milestones in 2022

