2021 2030 United Nations Decade of Ocean Science for Sustainable Development

The Ocean Decade Data Coordination Platform

Prepared by Kate Wing, Jan-Bart Calewaert and Terry McConnell for the

UNGA

IOC Gov Bodies

Decade Advisory Board

Decade Coordination Unit

Decade Coordination Office
UN or MS *sub-unit DCU*

Decade Collaborative Centre *Int/regl org*
Catalysis/coord *of*
decade actions

coordination

Decade programme

Decade project | Decade project | Decade project

Community of Practice (D, I & K)

reporting
support

Decade Data Coordination Platform

to coordinate the collaboration between the vast number of partners that will contribute data to, as well as use data and products from the "digital ecosystem"

Two components:

A. Data coordination group

Forum for exchange & coordination

Provide advice to the Decade coordination and governance structures

Guidance

Support/input

Report back

B. Technical Implementation Coordination Group

Technical collaboration forum to develop the technical elements required to build the "digital data ecosystem")

Strategic plan
Gap analysis
Advice on actions to fill gaps
Progress monitoring

A. Data Coordination Group - Key Tasks

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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

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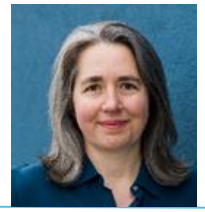

Kate Wing

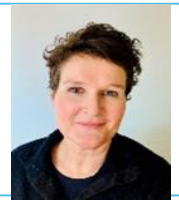
Jan-Bart Calewaert

Joana Akrofi

Edward Armstrong

Jerome Aucan

Uday Bhaskar


Ute Brönner

Pier Luigi Buttigieg

Rebecca Cowley

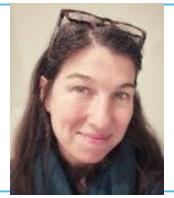
Taco De Bruin

Steve Diggs

Rob Emanuele

Marco Filippone

Evert Flier


Jeanette Gann

Hernan Garcia

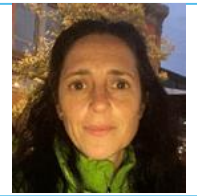
Katherine Hill

Neil Holdsworth

Kirk Larsen

Kevin O'Brien

Harrison Ong'anda


Ana Pinheiro Privette

Nicolas Segebarth

Rishi Sharma

Gry Ulverud

See affliations https://www.oceandecade.org/news/newly-appointed-group-of-global-experts-will-help-drive-ocean-decade-action-on-data-information-and-knowledge-management/

Ocean Decade Data Coordination Group members location

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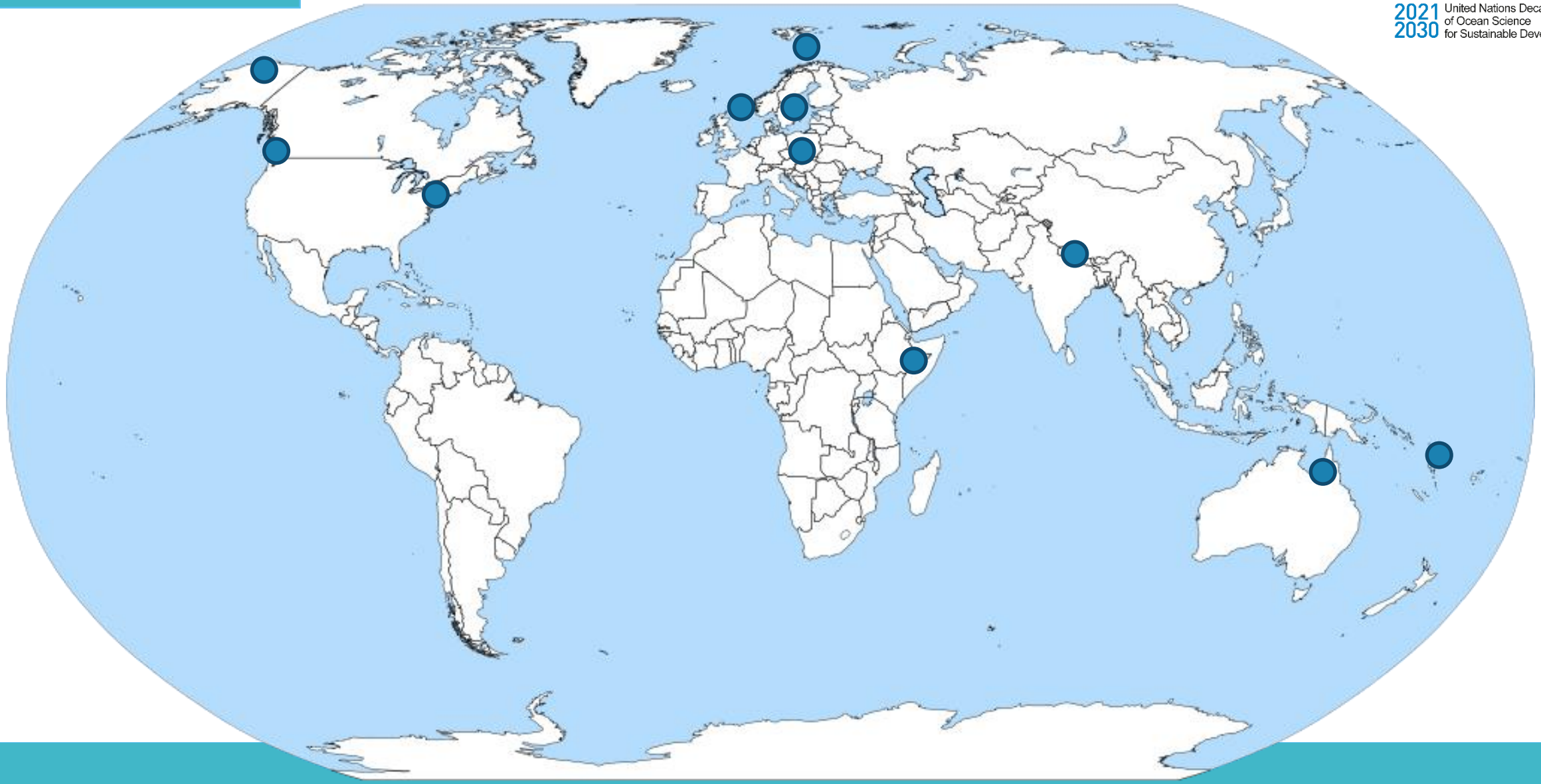

Government, Research Institutions & Private Sector

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Amazon ICES PICES Vulcan Microsoft
World Economic Forum EMODnet FAO
NASA SINTEF Ocean INCOIS UNEP
Pacific Community IODE CSIRO
NOAA

Global Ocean Data, from fisheries to physics, from observation to products, services & application

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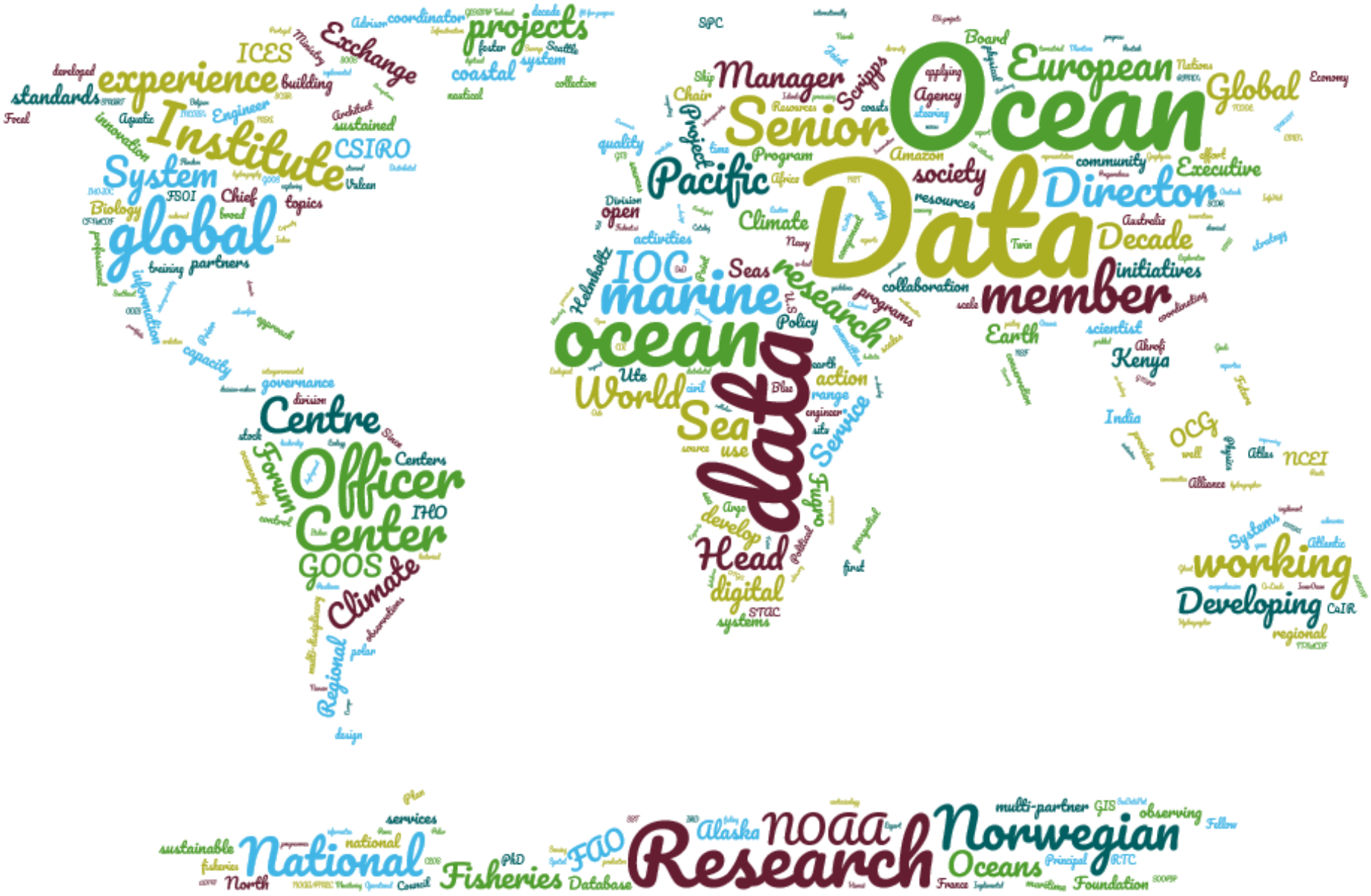


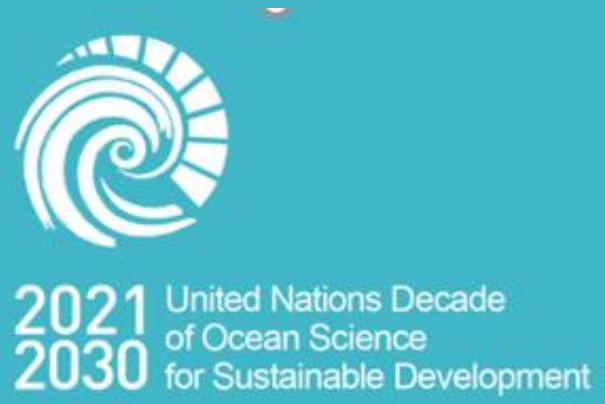
Coordination Group Status & Next steps

Completed

- DCG members and co-chairs appointed; Group activated
- Three meetings held (Dec 2021 & Jan 2022 & March 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**



Thank you for attention, engagement and contributions !

The Ocean Decade Data Coordination Platform