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2021 United Nations Decade  
2030 of Ocean Science  
for Sustainable Development



WESTERN TROPICAL ATLANTIC REGION

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# THE IOC OCEAN INFOHUB PROJECT

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



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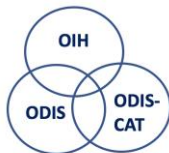
The IOC Ocean InfoHub Project (OIH) is a global initiative to improve access to marine and coastal data and information by developing **interoperability between existing information systems**. It is a three year project that commenced in April 2020 funded by the Government of Flanders (Kingdom of Belgium)

## Three related initiatives

1. The [Ocean InfoHub Project](#)
2. [IOC Ocean and Data information system Catalogue of data sources \(ODISCAT\)](#), currently describes over 2000 online sources of marine & coastal data in 16 categories
3. The [Ocean Data and Information System](#)

The three projects are very closely linked.

The OIH Project has developed the first phase of the **architecture** underpinning ODIS, and is concerned with involving **user communities** and establishing **proof-of-concept** of ODIS.



## OIH links IOC databases

The OIH will first work with global IOC-associated online resources – including:

- [OceanExpert](#) : *People*
  - [AquaDocs](#) : *Documents and Publications*
  - The GOOS/IODE Ocean Best Practices System (OBPS)
  - Data: the Ocean Biodiversity Information System (OBIS)
  - Data: the World Ocean Database (WOD)
- extended by partnerships with [EurOcean](#), [Marinettraining.eu](#), EMODNET, and other sources in the IOC ODIS Catalogue of Sources ([ODIScat](#)).



## Three pilot regions

1. African region,
2. Latin America and Caribbean region, and the
3. Pacific Small Island Developing States

These three regions have participated in the development of the proposal for the Ocean InfoHub Project and will take a lead on **pilot projects to test interoperability** between existing information hubs.

## Initial data types

1. People and institutions/organizations
2. Documents
3. Spatial data/maps
4. Training opportunities
5. Vessels (research opportunities)
6. Projects



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## ODIS-Architecture



Mission: To build a sustainable, interoperable, and inclusive **digital ecosystem** for all ocean stakeholders.

Each partner is in charge of their own contribution and partners co-develop the ODIS-Arch as new needs arise  
Anyone can “spin up” solutions like portals & hub(lets) using the interoperability architecture  
Can index resources from, and expose resources to, other nodes using automatically recognised conditions

**Multiple entry points and levels of commitment to the ODIS network;**  
**Project and IOC-independent;**





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**MUCHAS GRACIAS**

.....  
**THANK YOU**

.....  
**MERCI BEAUCOUP**

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