

SG-ODIS first session, 22/08/22

Hybrid meeting, online and in PO in Oostende, Belgium

Agenda - timetable

1. start of the meeting (14:00)
 - a. opening of the meeting - housekeeping rules (AL)
 - i. Recording of meeting
 - ii. In Person Participants
 1. Join the zoom meeting
 2. You can open your camera
 3. Mute your microphone at all times, use conference microphones
 4. Mute your speakers at all times
 5. Do not touch microphones
 - iii. Online participants
 1. If your bandwidth is ok, you can use the camera
 2. Mute your microphone if you do not have the floor
 3. Raise hand if you want the floor
 - iv. Mute your telephones
 - b. very short introduction of the participants
 - c. who volunteers to make the report
 - d. adoption of the agenda
2. overview of the project objectives (14:15) (AL)
 - a. IODE XXV Recommendation to establish the ODIS Catalogue of Sources project:
https://www.iode.org/index.php?option=com_content&view=article&id=592&Itemid=100403#rec521
 - b. From the report of the 30-th Session of the IOC Assembly
 - i. The representative of the WMO welcomed the development of ODIS and expressed his Organization's desire to actively collaborate and participate to assure that activities related to interoperability of IOC ODIS and WMO WIS 2.0, both under development, will be maintained in the proposed future structure of JCOMM
 - ii. Note from China, France, Korea, U.K.
 1. China: To ensure the sustainability of ODIS in the future, China would like to encourage the IODE to strengthen the communication with member states, regional subsidiary bodies, GOOS and a broader range of stakeholders, seeking for broader engagement, **in-cash and in-kind contributions** to facilitate the future implementation of the system.
 2. U.K.

- a. ... the UK is happy to support MEDIN's engagement with IODE to ensure all the lessons the UK has learnt over the previous 10 years ...
 - b. The UK stands ready to contribute its expertise in marine data interoperability as required.
 3. Republic of Korea: However, we are also concerned about the current situation in which **an adequate budget has not been secured** to realize the implementation plan in the future.
 4. France: Recognizing that "Data and Information Portal" is one of the Seven R&D Priority areas of UN Decade and the ODIS can be the Portal to support UN Decade, **we hope that the IOC will consider putting sufficient resources** into ODIS development so that it can be implemented in accordance with the concept.
- c. From IOC/IODE-XXVI/6.1.1 (<https://oceanexpert.org/document/30689>):
 - i. The ODIS Project will **develop the technology** and **collaborative culture (communities)** required to build the IOC Ocean Data and Information System (ODIS) e-environment where users can discover data, data products, data services, information, information products and services provided by Member States, projects and other partners. Users and developers will access and build upon the resources of multiple components, through the interfaces of any single component. The project will further build upon the "**proof-of-concept reference architecture**" (**ODIS-Arch**), developed by the Ocean InfoHub project that will enable multiple data systems to interoperate with IOC systems and with each other across a range of information types through machine-to-machine interactions. This will initiate a process to remedy the current lack of automated and scalable communication between the many (hundreds) of marine data and information systems, such that both developers and end users must query and download from each online source, often expending immense resources to contend with a multitude of shifting formats and conventions.
 - ii. The project will **test the developed technology** through demonstrator sub-projects developed with regional data and information nodes to meet the needs of their users. Technology and capacities developed through these demonstrators will then be shared through the ODIS network.
 - iii. The project will **seek to add additional data and information provider systems**, based upon information available from the ODISCat catalog of sources.
 - iv. The project will, based upon the experience gained through the Ocean InfoHub project, develop **additional regional data and information nodes** to meet the needs of their users.
 - v. **The project will provide a "node hosting service" for member states without the necessary infrastructure. This service will be provided by the "IODE Partnership Center for ODIS". (see 5.c)**

- vi. The project will provide **technical and procedural guidance documentation as well as related training** to assist data/information providers as well as diverse user communities with the necessary capacity to actively and equitably participate in ODIS.
3. funding of ODIS (14:45)
 - a. From IOC/IODE-XXVI/6.1.1 (<https://oceanexpert.org/document/30689>): cost **\$528,000**
 - b. This amount assumed certain staff costs would be provided as in-kind contributions and costing dated from 2017.
 4. establishing the different WP (15:45)
 - a. **WP1:** Project management, coordination and evaluation
 - i. Propose the vision, strategy, work plan and timetable for the ODIS Project
 - ii. Advise on technical aspects
 - iii. Establish a stakeholder forum to ensure active participation of representatives from ODIS nodes and other contributors
 - iv. Report to the IOC and to other partners on the progress of the ODIS Project
 - v. Provide guidance to the project manager and project technical manager
 - vi. Identify **funding sources** to further develop the ODIS

Minimum requirements for the Steering Group:

1. Representatives from IOC Programmes
 2. Project Manager
 3. Project Technical Manager
 4. Invited Experts
 5. Representatives of major stakeholder (user) groups including regional/international organizations
 6. Representative of the Decade Coordination Unit
 7. Representative of the IODE Secretariat (if not already in previous)
- b. **WP2:** Technology development : equals the current OIH WP2
 - c. **WP3:** Establishment and initial support of the global hub and regional nodes
 - i. Customization of regional ODIS Hubs, in collaboration with regional partners
 - ii. Functional and performance testing to verify integration between the regional/thematic and global nodes, ensuring acceptable performance by users, along with remediation of any issues encountered
 - iii. Technical and related support until required support capacity is in place within the node (see also WP 4)
 - iv. Establishment of national/regional networks of content providers who will regularly make content available to the regional node
 - v. Populating of the regional nodes with content received from the national/regional networks including quality control, reformatting, creating metadata, data entry
 - d. **WP4:** Training and capacity development for data providers and users
Will be established in a next phase.

- e. **WP5: Communication, user marketing and feedback**
Will be established in a next phase
- 5. discussions and other concerns (16:00)
 - a. Relation between ODIS, ODISCat, OIH : (how) will this merge to one project?
Where to go when OIH ends?
 - b. Partnership Center for ODIS
From the action paper for IODE XXVII: 'Dr Belov reported that events that had taken place in 2022 had made it impossible for the Partnership Centre to be established.'
 - c. Workplan : see WP1
 - d. Community building: see WP3, 4 and 5
- 6. election of (co-)chair (16:30)
- 7. next meeting(s) (16:45)
 - a. Monthly meetings
 - b. Progress reports
 - c. workplan
- 8. closing of meeting (17:00)