



SeaDataCloud

SeaDataCloud 2 proposal

Michèle Fichaut, IFREMER

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sdn-userdesk@seadatanet.org – www.seadatanet.org

SeaDataCloud2 proposal

- **Call:** Integrating and opening research infrastructures of European interest
- **Topic:** INFRAIA-01-2018-2019: Integrating Activities for Advanced Communities
- **Domain:** *Environmental and Earth Sciences*
- **Area:** *Multidisciplinary Marine Data Centres for ocean and marine data management.*

Total budget : 110 M€, pour 20 areas.

Max 10 M€ par proposition

SeaDataCloud 2 : new consortium (1)

- Submitted on 20/03/2019
- New consortium of 61 partners and 6 sub-contractors
- Withdrawal of 3 SDC partners
 - JRC and EuroGOOS (both involved as members of the Advisory board)
 - UniBO (could be invited by the Scientific committee if needed)
 - STFC from EUDAT

SeaDataCloud 2: New consortium (2)

- EUDAT only one partner (EUDAT LTD) with 4 third parties: CSC, CINECA, DKRZ and GRNET
- 12 new partners
 - 9 data centres: SOCIB Spain), NEA (Georgia), ISPRA (Italy), RWS (Netherlands), SOI (Russia), IU-IMSM (Turkey), UHMI (Ukraine), Uom-IMB (Montenegro), EPA (Lithuania)
 - 3 others: GGSGC (Netherlands), MOI (France), CMCC (Italy)

SeaDataCloud 2: New consortium

- 6 sub-contractors

| Organisation | Country | Subcontractor of |
|--------------|---------|------------------|
| INSTM | Tunisia | IFREMER |
| IOC-JCOMMOPS | France | IFREMER |
| GLAZEO | France | IFREMER |
| OCEAN-SCOPE | France | IFREMER |
| IOC-IODE | Belgium | VLIZ |
| GET | Greece | HCMR |

SeaDataCloud 2: Work packages

| WP | Work Package Title | Lead Participant |
|----|--|------------------|
| 1 | Project management | IFREMER |
| 2 | NA1 – Project network coordination | IFREMER |
| 3 | NA2 – Training of data providers and users | ENEA |
| 4 | NA3 - Communication, dissemination, and exploitation development | RBINS |
| 5 | NA4 – Gathering, validating and populating metadata and data resources | HCMR |
| 6 | VA1 - Virtual access to advanced services | OGS |
| 7 | JRA1 – Scientific requirements versus specifications of services | GEOMAR |
| 8 | JRA2 – Scientific development, maintenance and publication of aggregated reference data collections and derived products | INGV |
| 9 | JRA 3 – Governance and development of standards | UKRI-BODC |
| 10 | JRA4 - Developments of upstream services | MARIS |
| 11 | JRA5 - Developments of downstream services | IFREMER |

Other business: SeaDataCloud 2

- Total budget of 10 M€ for 1205.5 p/m (1110 for SDC)
- Main objectives
 - Further develop SeaDataNet standards, services and data availability to adapt them to the objectives and needs of the various ongoing initiatives (Blue Research, Blue Environment, MSFD, Blue Economy, EOSC, EMODnet, CMEMS, EOOS...
 - Meet EOSC requirements: services and data must be FAIR and data more open, provide the most complete and best reference data collections, more data products...
 - Explore and develop capacities to meet challenges such as big data and new techniques such as artificial intelligence, machine learning and VRE (Virtual Research Environment) for better support to scientists (Workshop for users, Hackathon)

SeaDataCloud 2 rejection (1)

- Call for advanced RI : 22 proposal received, 7 from RI in Earth Science
- 5 reviewers for each proposal, each of them involved in the review of 5 to 10 proposals
- For SDC2 :
 - 2 experts in environment and marine fields
 - 1 expert with a more generalist profile
 - 2 ICTs experts in big data, cloud environment (field of environmental data)

SeaDataCloud 2 rejection (2)

- Scores

- Excellence : 4.00 / 5.00
- Impact : 4.50 / 5.00
- Quality and efficiency of the implementation : 2.50 / 5.00

- Threshold 3.00

SeaDataCloud 2 rejection (3)

- The 2 ICTs were the most critical on SDC2 proposal
 - No concern about the consortium itself and the importance of the SDN infrastructure
 - But, main criticisms about the JRA WP (over fragmentation of tasks, and some of them too rudimentary described), not convinced that the described tasks fit the objectives of the 1st part of the proposal.
 - Too many deliverables → add complexity and management issue, and missing dependencies among deliverables
 - VA : total budget for the VA not enough to support users: new environment and the new tools imply more help needed for users

SeaDataCloud 2 rejection – Follow-up

- Ask our national representatives for RI to support the inclusion of SeaDataNet in the next road-map for 2020 RI EU-calls
- In France internal the GTN INFRAIA meeting was on 4th of October, IFREMER representatives reported about the importance of having a call for SeaDataCloud follow-up
- Next European infrastructure program committees will be in February, June and November 2020
 - Lobbying must be done before February towards national representatives

SeaDataCloud2 rejection – Follow-up

- IFREMER has prepared a set of arguments for the French representative
- We will translate it to English and send it to the whole consortium to be used by the data partners for transmission to their national representative for the RI

SeaDataCloud 2 rejection – Follow-up

- Last on-going or to come calls
 - [Pilot for a new model of Integrating Activities](#) INFRAIA-03-2020 , 28/11/2019 - 17 March 2020
 - [Integrating Activities for Starting Communities](#) INFRAIA-02-2020, 28/11/2019 - 17 March 2020
 - [Design Studies](#) INFRADEV-01-2019-2020, 25/07/2019 – 12/11/2019
 - [Integration and consolidation of the existing pan-European access mechanism to public research infrastructures and commercial services through the EOSC Portal](#) INFRAEOSC-03-2020, 19/11/2019 - 22/04/2020
 - [Increasing the service offer of the EOSC Portal](#) INFRAEOSC-07-2020, 19/11/2019 - 22/04/2020

