



HORIZON  
2020

# SeaDataCloud - Further developing the pan-European infrastructure for marine and ocean data management

## Fact Sheet

### Project Information

#### SeaDataCloud

Grant agreement ID: 730960

[Project website](#) ↗

#### Status

Closed project

#### Start date

1 November 2016

#### End date

31 October 2020

#### Funded under

H2020-EU.1.4.1.2.

#### Overall budget

€ 9 999 737,50

#### EU contribution

€ 9 999 737,50

#### Coordinated by

INSTITUT FRANCAIS DE  
RECHERCHE POUR  
L'EXPLOITATION DE LA MER  
■ France

## Objective

The SeaDataNet pan-European infrastructure has been developed by NODCs and major research institutes from 34 countries. Over 100 marine data centres are connected and provide discovery and access to data resources for all European researchers. Moreover, SeaDataNet is a key infrastructure driving several portals of the European Marine Observation and Data network (EMODnet), initiated by EU DG-MARE for Marine Knowledge, MSFD, and Blue Growth. SeaDataNet complements the Copernicus Marine Environmental Monitoring Service (CMEMS), coordinated by EU DG-GROW. However, more effective and convenient access is needed to better support European researchers. The standards, tools and services developed must be reviewed and upgraded to keep pace with demand, such as developments of new sensors, and international and IT standards. Also EMODnet and Copernicus pose

extra challenges to boost performance and foster INSPIRE compliance. More data from more data providers must be made available, from European and international research projects and observing programmes.

SeaDataCloud aims at considerably advancing SeaDataNet services and increasing their usage, adopting cloud and HPC technology for better performance. More users will be engaged and for longer sessions by including advanced services in a Virtual Research Environment. Researchers will be empowered with a collection of services and tools, tailored to their specific needs, supporting marine research and enabling generation of added-value products. Data concern the wide range of in situ observations and remote sensing data. To have access to the latest cloud technology and facilities, SeaDataNet will cooperate with EUDAT, a network of computing infrastructures that develop and operate a common framework for managing scientific data across Europe. SeaDataCloud will improve services to users and data providers, optimise connecting data centres and streams, and interoperate with other European and international networks.

## Field of science

/engineering and technology/electrical engineering, electronic engineering, information engineering/information engineering/telecommunications/telecommunications network/data network  
/social sciences/sociology/governance/public services  
/engineering and technology/environmental engineering/remote sensing

## Programme(s)

## Topic(s)

## Call for proposal

H2020-INFRAIA-2016-1

## Funding Scheme

RIA - Research and Innovation action

## Coordinator

 INSTITUT FRANCAIS DE RECHERCHE POUR L'EXPLOITATION DE LA MER

Address

Activity type

EU contribution

1000 RUE DU SILENT AURA

PARIS 75015 FRANCE

€ 000 107 50

1625 Route De Sainte Anne  
Zone Industrielle De La Pointe  
Du Diable  
29280 Plouzane  
France

[Website](#)

Research Organisations

€ 993 187,50

[Contact the organisation](#)

## Participants (58)



### MARIENE INFORMATIE SERVICE MARIS BV

Netherlands

EU contribution

€ 732 562,50

Address

Activity type

Gildeweg 7A  
2632 BD Nootdorp

Private for-profit entities  
(excluding Higher or  
Secondary Education  
Establishments)

[Website](#)

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### BUNDESAMT FUR SEESCHIFFFAHRT UND HYDROGRAPHIE

Germany

EU contribution

€ 207 687,50

Address

Activity type

Bernhard-nocht-strasse 78  
20359 Hamburg

Public bodies (excluding  
Research Organisations and  
Secondary or Higher  
Education Establishments)

[Website](#)

[Contact the organisation](#)



### SVERIGES METEOROLOGISKA OCH HYDROLOGISKA INSTITUT

Sweden

EU contribution

€ 179 750

Address

Activity type

Folkborgsvaegen 1

Public bodies (excluding

601 76 Norrköping

Research Organisations and  
Secondary or Higher  
Education Establishments)

[Website](#)

[Contact the organisation](#)



## INSTITUTO ESPANOL DE OCEANOGRAFIA



EU contribution

€ 75 062,50

Address

Activity type

Research Organisations

Corazon De Maria 8  
28002 Madrid

[Website](#)

[Contact the organisation](#)



## HELLENIC CENTRE FOR MARINE RESEARCH



EU contribution

€ 180 625

Address

Activity type

Research Organisations

Leoforos Athens Sounio 46  
7Km  
19013 Attikia Anavissos

[Website](#)

[Contact the organisation](#)



## ISTITUTO NAZIONALE DI OCEANOGRAFIA E DI GEOFISICA SPERIMENTALE



EU contribution

€ 200 125

Address

Activity type

Research Organisations

Borgo Grotta Gigante 42/C  
34010 Sgonico-Trieste

[Website](#)

[Contact the organisation](#)



## ALL-RUSSIAN RESEARCH INSTITUTE OF HYDROMETEOROLOGICAL INFORMATION-WORLD DATA CENTRE





EU contribution

€ 61 750

Address

**Korolev Str. 6  
249035 Ochninsk**

Activity type

**Research Organisations**

Website [↗](#)

Contact the organisation [↗](#)

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## **AGENZIA NAZIONALE PER LE NUOVE TECNOLOGIE, L'ENERGIA E LO SVILUPPO ECONOMICO SOSTENIBILE**



EU contribution

€ 215 875

Address

**Lungotevere Grande  
Ammiraglio Thaon Di Revel 76  
000196 Roma**

Activity type

**Research Organisations**

Website [↗](#)

Contact the organisation [↗](#)

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## **ISTITUTO NAZIONALE DI GEOFISICA E VULCANOLOGIA**



EU contribution

€ 152 343,75

Address

**Via Di Vigna Murata 605  
00143 Roma**

Activity type

**Research Organisations**

Website [↗](#)

Contact the organisation [↗](#)

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## **MIDDLE EAST TECHNICAL UNIVERSITY**



EU contribution

€ 78 500

Address

**Dumlupinar Bulvari 1  
06800 Ankara**

Activity type

**Higher or Secondary  
Education Establishments**

Website [↗](#)

Contact the organisation [↗](#)

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## ALFRED-WEGENER-INSTITUT HELMHOLTZ-ZENTRUM FUR POLAR- UND MEERESFORSCHUNG

Germany

EU contribution

€ 355 968,75

Address

Activity type

**Am Handelshafen 12  
27570 Bremerhaven**

**Research Organisations**

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## UNIVERSITE DE LIEGE

Belgium

EU contribution

€ 198 437,50

Address

Activity type

**Place Du 20 Aout 7  
4000 Liege**

**Higher or Secondary  
Education Establishments**

[Website](#)

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## HAVFORSKNINGSINSTITUTTET

Norway

EU contribution

€ 246 125

Address

Activity type

**Research Organisations**

**Nordnesgaten 50  
5817 Bergen**

[Website](#)

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## AARHUS UNIVERSITET

Denmark

EU contribution

€ 100 250

Address

Activity type

**Nordre Ringgade 1  
8000 Aarhus C**

**Higher or Secondary  
Education Establishments**

[Website](#)[Contact the organisation](#)

## INTERNATIONAL COUNCIL FOR THE EXPLORATION OF THE SEA

Denmark

EU contribution

**€ 157 250**

Address

Activity type

**Research Organisations**

**H C Andersens Boulevard 44-**  
**46**  
**1553 Kobenhavn V**

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## JRC -JOINT RESEARCH CENTRE- EUROPEAN COMMISSION

Belgium

EU contribution

**€ 162 812,50**

Address

Activity type

**Research Organisations**

**Rue De La Loi 200**  
**1049 Brussels**

[Website](#)[Contact the organisation](#)

## MARINE INSTITUTE

Ireland

EU contribution

**€ 119 375**

Address

Activity type

**Research Organisations**

**Rinville Oranmore**  
**H91 R673 Galway**

[Website](#)[Contact the organisation](#)

## INSTITUTO HIDROGRAFICO

Portugal

EU contribution

**€ 54 125**

Address

Activity type

## Research Organisations

R. Das Trinas 49  
1249-093 Lisboa

[Website](#)

[Contact the organisation](#)

### STICHTING NEDERLANDSE WETENSCHAPPELIJK ONDERZOEK INSTITUTEN



Netherlands

EU contribution

€ 92 937,50

Address

Activity type

**Research Organisations**

Winthontlaan 2  
3526 KV Utrecht

[Website](#)

[Contact the organisation](#)

### STICHTING NIOZ, KONINKLIJK NEDERLANDS INSTITUUT VOOR ONDERZOEK DER ZEE i



Netherlands

EU contribution

€ 0

Address

Activity type

Landsdiep 4  
1797 SZ Den Hoorn Texel

**Research Organisations**

[Website](#)

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### INSTITUT ROYAL DES SCIENCES NATURELLES DE BELGIQUE



Belgium

EU contribution

€ 505 687,50

Address

Activity type

**Research Organisations**

Rue Vautier 29  
1000 Bruxelles

[Website](#)

[Contact the organisation](#)

### VLAAMS INSTITUUT VOOR DE ZEE VZW



Belgium

EU contribution

€ 308 062,50

Address

Activity type

**Research Organisations**

**Wandelaarkaai 7  
8400 Oostende**

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**HAFRANNSOKNASTOFNUN, RANNSOKNA- OG RADGJAFARSTOFNUN HAFS  
OG VATNA**

Iceland

EU contribution

€ 60 468,75

Address

Activity type

**Skulagotu 4  
101 Reykjavik**

[Contact the organisation](#)



**HAFRANNSOKNASTOFNUNIN**

Iceland

EU contribution

€ 0

Address

Activity type

**Research Organisations**

**Skulagata 4  
101 Reykjavik**

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**ILMATIETEEN LAITOS**

Finland

EU contribution

€ 74 437,50

Address

Activity type

**Research Organisations**

**Erik Palmenin Aukio 1  
00560 Helsinki**

[Website](#)

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**INSTYTUT METEOROLOGII I GOSPODARKIWODNEJ - PANSTWOWY**

## INSTYTUT BADAWCZY

 Poland

EU contribution

€ 42 875

Address

Activity type

**Ulica Podlesna 61  
01 673 Warszawa**

**Other**

[Website !\[\]\(ceb7cef9f9d693d102dfe501130037c6\_img.jpg\)](#)

[Contact the organisation !\[\]\(8a8ea273bba45b658cf4779d37ab61e8\_img.jpg\)](#)

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## TALLINNA TEHNIAULIKOOL

 Estonia

EU contribution

€ 45 562,50

Address

Activity type

**Ehitajate Tee 5  
12616 Tallinn**

**Higher or Secondary  
Education Establishments**

[Website !\[\]\(1f22188757847a0ffb7e4386ed38dfee\_img.jpg\)](#)

[Contact the organisation !\[\]\(8b489669e5348baffa74b0cc87030268\_img.jpg\)](#)

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## LATVIJAS HIDROEKOLOGIJAS INSTITUTS

 Latvia

EU contribution

€ 40 531,25

Address

Activity type

**Research Organisations**

**Voleru Street 4  
1007 Riga**

[Website !\[\]\(d45f12d2cef47ee7f929dff944d8fd87\_img.jpg\)](#)

[Contact the organisation !\[\]\(655ca49b60b1fb606a1a3d8b3606d885\_img.jpg\)](#)

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## P.P. SHIRSHOV INSTITUTE OF OCEANOLOGY OF RUSSIAN ACADEMY OF SCIENCES

 Russia

EU contribution

€ 45 375

Address

Activity type

**Nakhimovsky Prospect 36  
117997 Moskva**

**Research Organisations**

[Website !\[\]\(7f25f627bf1f996ce65e34b2b9eb59fb\_img.jpg\)](#)

[Contact the organisation !\[\]\(29b5bd2ae8cb7c02a37267d518b78f23\_img.jpg\)](#)



## INSTITUTE OF OCEANOLOGY BAS

Bulgaria

EU contribution

€ 41 125

Address

Activity type

**Other**

**Parvi May Str 40**

**9000 Varna**

[Website](#)

[Contact the organisation](#)



## INSTITUTUL NATIONAL DE CERCETARE-DEZVOLTARE MARINA GRIGORE ANTIPA

Romania

EU contribution

€ 42 750

Address

Activity type

**Mamaia Blvd. 300**

**Research Organisations**

**900581 Constanta**

[Website](#)

[Contact the organisation](#)



## IVANE JAVAKHISHVILI TBILISI STATE UNIVERSITY

Georgia

EU contribution

€ 37 062,50

Address

Activity type

**1 Ilia Tchavtchavadze Avenue**

**Higher or Secondary**

**0179 Tbilisi**

**Education Establishments**

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## INSTITUT ZA OCEANOGRAFIJU I RIBARSTVO

Croatia

EU contribution

€ 41 812,50

Address

Activity type

**Research Organisations**

**Setaliste Ivana Mestrovica 63**

**51000 Šibenik**

21000 Split

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## NACIONALNI INSTITUT ZA BIOLOGIJO

Slovenia

EU contribution

€ 47 562,50

Address

Activity type

**Research Organisations**

**Vecna Pot 111  
1000 Ljubljana**

[Website ↗](#)

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## UNIVERSITA TA MALTA

Malta

EU contribution

€ 41 468,75

Address

Activity type

**University Campus, Tal-qroqq  
2080 Msida**

**Higher or Secondary  
Education Establishments**

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## ISRAEL OCEANOGRAPHIC AND LIMNOLOGICAL RESEARCH LIMITED

Israel

EU contribution

€ 52 218,75

Address

Activity type

**Research Organisations**

**Tel Shikmona  
31080 Haifa**

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## CONSIGLIO NAZIONALE DELLE RICERCHE

Italy

EU contribution

€ 194 281,25

Address

Activity type

## Research Organisations

Piazzale Aldo Moro 7  
00185 Roma

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### INSTYTUT OCEANOLOGII POLSKIEJ AKADEMII NAUK



Poland

EU contribution

€ 45 843,75

Address

Activity type

Other

Ul. Powstancow Warszawy 55

81 712 Sopot

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### AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS



Spain

EU contribution

€ 103 250

Address

Activity type

Research Organisations

Calle Serrano 117

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### STICHTING DELTARES



Netherlands

EU contribution

€ 151 375

Address

Activity type

Research Organisations

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2629 HV Delft

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### SUOMEN YMPARISTOKESKUS



Finland

EU contribution

€ 139 656,25

Address

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00790 Helsinki**

Activity type

**Research Organisations**

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## UKRAINIAN SCIENTIFIC CENTRE OF ECOLOGY OF THE SEA

Ukraine

EU contribution

€ 37 250

Address

Activity type

**Research Organisations**

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## ETT SPA

Italy

EU contribution

€ 109 062,50

Address

Activity type

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16154 Genova**

**Private for-profit entities  
(excluding Higher or  
Secondary Education  
Establishments)**

[Website ↗](#)

[Contact the organisation ↗](#)



## EUROGOOS

Belgium

EU contribution

€ 67 500

Address

Activity type

**Other**

**Rue Vautier 29  
1050 Bruxelles**

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## DEUTSCHES KLIMARECHENZENTRUM GMBH

Germany

EU contribution

€ 453 125

Address

Activity type

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20146 Hamburg**

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## CINECA CONSORZIO INTERUNIVERSITARIO

Italy

EU contribution

€ 414 875

Address

Activity type

**Research Organisations**

**Via Magnanelli 6/3  
40033 Casalecchio Di Reno  
Bo**

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## CSC-TIETEEN TIETOTEKNIIKAN KESKUS OY

Finland

EU contribution

€ 435 500

Address

Activity type

**Other**

**Keilaranta 14  
02101 Espoo**

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## SCIENCE AND TECHNOLOGY FACILITIES COUNCIL

United Kingdom

EU contribution

€ 0

Address

Activity type

**Research Organisations**

**Polaris House North Star**

Avenue  
SN2 1SZ Swindon

[Website ↗](#)

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### NATURAL ENVIRONMENT RESEARCH COUNCIL i

United Kingdom

EU contribution

€ 0

Address

Activity type

**Research Organisations**

Polaris House, North Star  
Avenue  
SN2 1EU Swindon Wiltshire

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### UNITED KINGDOM RESEARCH AND INNOVATION

United Kingdom

EU contribution

€ 670 250

Address

Activity type

**Research Organisations**

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Avenue  
SN2 1FL Swindon

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### NATIONAL INFRASTRUCTURES FOR RESEARCH AND TECHNOLOGY

Greece

EU contribution

€ 393 675

Address

Activity type

Leoforos Kifisis 7  
11523 Athina

**Private for-profit entities  
(excluding Higher or  
Secondary Education  
Establishments)**

[Website ↗](#)

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### UNIVERSITETET I BERGEN



Norway

EU contribution

€ 77 250

Address

Activity type

Museplassen 1  
5020 Bergen

Higher or Secondary  
Education Establishments

[Website](#) ↗

[Contact the organisation](#) ↗



## HELMHOLTZ ZENTRUM FUR OZEANFORSCHUNG KIEL



Germany

EU contribution

€ 96 375

Address

Activity type

Research Organisations

Wischhofstrasse 1-3  
24148 Kiel

[Website](#) ↗

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## 52° North Initiative for Geospatial Open Source Software GmbH



Germany

EU contribution

€ 102 562,50

Address

Activity type

Other

Martin-luther-king-weg 24  
48155 Münster

[Website](#) ↗

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## SERVICE HYDROGRAPHIQUE ET OCEANOGRAPHIQUE DE LA MARINE



France

EU contribution

€ 132 406,25

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Activity type

Rue Du Chatellier 13  
29200 Brest

Public bodies (excluding  
Research Organisations and  
Secondary or Higher  
Education Establishments)

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## ORION - INSTITUTO AEIFORIAS KAI ANAPTIKSEON

Cyprus

EU contribution

€ 79 250

Address

Activity type

**Research Organisations**

**15 Pente Pigadion Street  
1076 Nicosia**

Contact the organisation [↗](#)

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## CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS

France

EU contribution

€ 174 500

Address

Activity type

**Research Organisations**

**Rue Michel Ange 3  
75794 Paris**

[Website ↗](#)

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## ALMA MATER STUDIORUM - UNIVERSITA DI BOLOGNA

Italy

EU contribution

€ 130 000

Address

Activity type

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40126 Bologna**

**Higher or Secondary  
Education Establishments**

[Website ↗](#)

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**Permalink:** <https://cordis.europa.eu/project/id/730960/>

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