



HORIZON
2020

Blue-Cloud: Piloting innovative services for Marine Research & the Blue Economy

Fact Sheet

Project information

Blue Cloud

Grant agreement ID: 862409

Status

Ongoing project

Start date

1 October 2019

End date

30 September 2022

Funded under:

H2020-EU.3.2.5.1.

Overall budget:

€ 6 783 841,25

EU contribution

€ 5 999 520,50

Coordinated by:

TRUST-IT SRL

 **Italy**

Objective

Blue-Cloud addresses the IA 'The Future of Seas and Oceans Flagship Initiative' (BG-07-2019-2020) for the following topic: [A] 2019 - Blue Cloud services. The project implements a practical approach to address the potential of cloud based open science to achieve a set of services identifying also longer term challenges to build and demonstrate the Pilot Blue Cloud as a thematic EOSC cloud to support research to better understand & manage the many aspects of ocean sustainability, through a set of five pilot Blue-Cloud demonstrators. It seeks to capitalise on what exists already and to develop and deploy, through a pragmatic workplan, the pilot Blue Cloud as a cyber platform bringing together and providing access to: 1) multidisciplinary data from observations and models, 2) analytical tools, & 3) computing facilities essential for key blue science use cases. Outputs include: a Blue Cloud Framework, Data Discovery & Access Service (approx. 400 users) & VRE (approx. 1,000 users) from 25 countries, Blue Cloud Service Catalogue including 50+ services deployed through 5 compelling pilot demonstrators, A Blue Cloud 2030 implementation Policy Roadmap, Whitepaper on outcomes of the Food/Blue-Cloud Pilots to support the implementation of thematic EOSC, 4 focused Roadmap events & Workshops, 1 hackathon, 10 webinars, 1 Final results conference, engaged community with all stakeholder groups represented. Led by a consortium bringing together leading European marine data management infrastructures, EOSC horizontal e-infrastructures, and excellent marine researchers. Coordinated by a neutral ICT intensive SME with over 15 years' experience, technically coordinated by a community leading marine & ocean data specialist, and supported by 17 experienced partners, from research, academia & industry, with strategic and practical involvement in

design and delivery of blue community needs. An influential External Stakeholders Experts Board & an Expert Foresight Group support the project.

Field of Science

public services

sustainable development

Programme(s)

[H2020-EU.3.2.5.1. - Climate change impact on marine ecosystems and maritime economy](#)

Topic(s)

[BG-07-2019-2020 - The Future of Seas and Oceans Flagship Initiative](#)

Call for proposal

H2020-BG-2019-1

[See other projects for this call](#)

Funding Scheme

IA - Innovation action

Coordinator



TRUST-IT SRL

Address

Via Bixio 25

56125 Pisa

 **Italy**

Activity type

Private for-profit entities

(excluding Higher or

Secondary Education


Establishments)

EU Contribution

€ 639 189,25

[🔗 Contact the organisation](#)

Participants ⁽¹⁹⁾

 **MARIENE INFORMATIE SERVICE MARIS BV** EU Contribution
€ 533 312,50

🇳🇱 Netherlands

Address: **Koningin Julianalaan 345a
2273 Jj Voorburg**

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

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

 **CONSIGLIO NAZIONALE DELLE RICERCHE** EU Contribution
€ 638 212,50

🇮🇹 Italy

Address: **Piazzale Aldo Moro 7
00185 Roma**

Activity type: **Research Organisations**

[🔗 Website](#)
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 **INSTITUT FRANCAIS DE RECHERCHE POUR L'EXPLOITATION
DE LA MER** EU Contribution
€ 498 125

🇫🇷 France

Address: **1625 Route De Sainte Anne
Zone Industrielle De La
Pointe Du Diable
29280 Plouzane**

Activity type: **Research Organisations**

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 **SEASCAPE BELGIUM** EU Contribution
€ 405 125

🇧🇪 Belgium

Address: **Kindermansstraat 14 Bus 19
1000 Brussel**

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

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 **MERCATOR OCEAN** EU Contribution
€ 346 805
🇫🇷 **France**

Address Activity type
**Rue Hermes 8-10 Parc
Technologique Du Canal
31520 Ramonville Saint
Agne** **Other**

[🔗 Website](#)
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 **FONDAZIONE CENTRO EURO-MEDITERRANEOSUI
CAMBIAMENTI CLIMATICI** EU Contribution
€ 265 625
🇮🇹 **Italy**


Address Activity type
**Via A Imperatore 16
73100 Lecce** **Research Organisations**

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 **EUROPEAN MOLECULAR BIOLOGY LABORATORY** EU Contribution
€ 465 875
🇩🇪 **Germany**

Address Activity type
**Meyerhofstrasse 1
69117 Heidelberg** **Research Organisations**


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 **VLAAMS INSTITUUT VOOR DE ZEE VZW** EU Contribution
€ 358 937,50
🇧🇪 **Belgium**

Address Activity type
**Wandelaarkaai 7
8400 Oostende** **Other**

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	FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS FAO 🇮🇹 Italy	EU Contribution € 405 000
Address	Activity type	
Viale Delle Terme Di Caracalla 00153 Roma	Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)	
🔗 Website		
🔗 Contact the organisation		

	KONINKLIJK NEDERLANDS METEOROLOGISCH INSTITUUT-KNMI 🇳🇱 Netherlands	EU Contribution € 99 425
Address	Activity type	
Utrechtseweg 297 3731 Ga De Bilt	Research Organisations	
🔗 Website		
🔗 Contact the organisation		

	CSC-TIETEEN TIETOTEKNIIKAN KESKUS OY 🇫🇮 Finland	EU Contribution € 104 050
Address	Activity type	
Keilaranta 14 02101 Espoo	Other	
🔗 Website		
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	CINECA CONSORZIO INTERUNIVERSITARIO 🇮🇹 Italy	EU Contribution € 83 125
Address	Activity type	
Via Magnanelli 6/3 40033 Casalecchio Di Reno Bo	Research Organisations	
🔗 Website		
🔗 Contact the organisation		

**DEUTSCHES KLIMARECHENZENTRUM GMBH** **Germany**

EU Contribution

€ 136 375

Address

**Bundesstrasse 45a
20146 Hamburg**

Activity type

Other[Website](#)[Contact the organisation](#)**SORBONNE UNIVERSITE** **France**

EU Contribution

€ 397 252,50

Address

**21 Rue De L'Ecole De
Medecine
75006 Paris**

Activity type

**Higher or Secondary
Education Establishments**[Contact the organisation](#)**UNIVERSITEIT VAN AMSTERDAM** **Netherlands**

EU Contribution

€ 106 250

Address

**Spui 21
1012wx Amsterdam**

Activity type

**Higher or Secondary
Education Establishments**[Website](#)[Contact the organisation](#)**UNIVERSITETET I BERGEN** **Norway**

EU Contribution



€ 197 031,25

Address

**Museplassen 1
5020 Bergen**



Activity type

**Higher or Secondary
Education Establishments**[Website](#)[Contact the organisation](#)

 **IDRYMA TECHNOLOGIAS KAI EREVNAS** EU Contribution
€ 98 875
 **Greece**

Address: **N Plastira Str 100
70013 Irakleio** Activity type: **Research Organisations**

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 **COLLECTE LOCALISATION SATELLITES** EU Contribution
€ 118 930
 **France**

Address: **11 Rue Hermes
31520 Ramonville St Agne** Activity type: **Private for-profit entities
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Secondary Education
Establishments)**

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 **INSTITUT DE RECHERCHE POUR LE DEVELOPPEMENT** EU Contribution
€ 102 000
 **France**

Address: **Boulevard De Dunkerque 44
Cs 90009
13572 Marseille** Activity type: **Research Organisations**

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