



# Imaging data and services for aquatic science

## Fact Sheet

### Project Information

#### iMagine

Grant agreement ID: 101058625

#### DOI

[10.3030/101058625](https://doi.org/10.3030/101058625) 

#### EC signature date

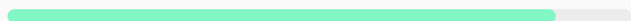
26 May 2022

#### Start date

1 September 2022

#### End date

31 August 2025



#### Funded under

Research infrastructures

#### Total cost

€ 4 500 000,00

#### EU contribution

€ 4 500 000,00

#### Coordinated by

STICHTING EGI



Netherlands

## Project description

### AI-based image data analysis tools for aquatic research

Applications based on artificial intelligence (AI) can help keep our waters clean. Specifically, AI apps can support water pollution mitigation efforts as well as beach monitoring and biodiversity loss studies in aquatic environments. The EU-funded iMagine project will provide a selection of free at the point of use image datasets, AI-empowered high-performance image analysis tools, and best practice documents for scientific image analysis. These services and materials enable better processing and analysis for imaging marine and freshwater data. The project will build on the European Open Science Cloud (EOSC) to deliver a generic scheme for AI model development, training, and deployment to refine AI-based applications for water pollution monitoring and facilitate the development and optimisation of other AI-based applications.

# Fields of science (EuroSciVoc)

[natural sciences](#) > [earth and related environmental sciences](#) > [environmental sciences](#) > **[pollution](#)**

[natural sciences](#) > [biological sciences](#) > [ecology](#) > **[ecosystems](#)**



## Keywords

marine freshwater e-infrastructure

## Programme(s)

[HORIZON.1.3 - Research infrastructures](#)

MAIN PROGRAMME

[HORIZON.1.3.2 - Opening, Integrating and Interconnecting Research Infrastructures](#)

## Topic(s)

[HORIZON-INFRA-2021-SERV-01-06 - Enabling research infrastructure services for better use of imaging data to address challenges in thematic research areas](#)

## Call for proposal

[HORIZON-INFRA-2021-SERV-01](#)

[See other projects for this call](#)

## Funding Scheme

[HORIZON-RIA - HORIZON Research and Innovation Actions](#)

## Coordinator



**STICHTING EGI**

Net EU contribution

€ 831 773,75

Total cost

€ 916 402,75

Address

SCIENCE PARK 140

1098 XG Amsterdam

 Netherlands 

Activity type

Other

Links

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

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

## Participants (23)

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 THIRD-PARTY 

### NATIONAL INFRASTRUCTURES FOR RESEARCH AND TECHNOLOGY

 Greece

Net EU contribution

€ 35 000,00

Address

LEOFOROS KIFISIAS 7

11523 Athina 

Region

Αττική > Αττική > Κεντρικός Τομέας Αθηνών

Activity type

Other

Links

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

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data

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 THIRD-PARTY 

TURKIYE BILIMSEL VE TEKNOLOJIK ARASTIRMA KURUMU

 Türkiye

Net EU contribution

€ 49 629,00

Address

Ataturk Bulvari 221  
06100 Ankara 

Region

Batı Anadolu > Ankara > Ankara

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#)   
[Participation in EU R&I programmes](#)   
[HORIZON collaboration network](#) 

Total cost

No data



FONDAZIONE CENTRO EURO-MEDITERRANEOSUI CAMBIAMENTI CLIMATICI

 Italy

Net EU contribution

€ 182 500,00

Address

VIA MARCO BIAGI 5  
73100 Lecce 

Region

Sud > Puglia > Lecce

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#)   
[Participation in EU R&I programmes](#)   
[HORIZON collaboration network](#) 

Total cost

€ 182 500,00



## AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS

 Spain

Net EU contribution

€ 381 750,00

Address

**CALLE SERRANO 117**

**28006 Madrid** 

Region

**Comunidad de Madrid > Comunidad de Madrid > Madrid**

Activity type

**Research Organisations**

Links

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

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 381 750,00



## DEUTSCHES FORSCHUNGSZENTRUM FUR KUNSTLICHE INTELLIGENZ GMBH

 Germany

Net EU contribution

€ 195 625,00

Address

**TRIPPSTADTER STRASSE 122**

**67663 Kaiserslautern** 

Region

**Rheinland-Pfalz > Rheinhessen-Pfalz > Kaiserslautern, Kreisfreie Stadt**

Activity type

**Research Organisations**

Links

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

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 195 625,00



EUROPEAN MULTIDISCIPLINARY SEAFLOORAND WATER COLUMN  
OBSERVATORY - EUROPEAN RESEARCH INFRASTRUCTURE CONSORTIUM  
(EMSO ERIC)

 Italy

Net EU contribution

€ 46 875,00

Address

VIA DI VIGNA MURATA 605  
00143 Roma 

Region

Centro (IT) > Lazio > Roma

Activity type

Research Organisations

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 427 556,25

 THIRD-PARTY 

MARINE INSTITUTE

 Ireland

Net EU contribution

€ 122 806,25

Address

RINVILLE ORANMORE  
H91 R673 Galway 

Region

Ireland > Northern and Western > West

Activity type

Research Organisations

Links

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

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data

 THIRD-PARTY 

UNIVERSITAT POLITECNICA DE CATALUNYA

 Spain

Net EU contribution

€ 154 125,00

Address

CALLE JORDI GIRONA 31  
08034 Barcelona 

Region

Este > Cataluña > Barcelona

Activity type

Higher or Secondary Education Establishments

Links

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

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data

 THIRD-PARTY 

INSTITUT FRANCAIS DE RECHERCHE POUR L'EXPLOITATION DE LA MER

 France

Net EU contribution

€ 103 750,00

Address

1625 ROUTE DE SAINTE ANNE ZONE INDUSTRIELLE DE LA POINTE DU DIABLE  
29280 Plouzane 

Region

Bretagne > Bretagne > Finistère

Activity type

Research Organisations

Links

- [Contact the organisation](#)
- [Website](#)
- [Participation in EU R&I programmes](#)
- [HORIZON collaboration network](#)

Total cost

No data



USTAV INFORMATIKY SLOVENSKEJ AKADEMIE VIED, VEREJNA VYSKUMNA INSTITUCIA

Slovakia

Net EU contribution

€ 270 125,00

Address

DUBRAVSKA CESTA 9  
845 07 Bratislava

Region

Slovensko > Bratislavský kraj > Bratislavský kraj

Activity type

Higher or Secondary Education Establishments

Links

- [Contact the organisation](#)
- [Participation in EU R&I programmes](#)
- [HORIZON collaboration network](#)

Total cost

€ 270 125,00



LABORATORIO DE INSTRUMENTACAO E FISICA EXPERIMENTAL DE PARTICULAS LIP

Portugal

Net EU contribution

€ 222 125,00

Address

RUA LARGA 4 UNIVERSIDADE DE COIMBRA  
3004 516 Coimbra 

Activity type

Research Organisations

Links

- [Contact the organisation](#) 
- [Participation in EU R&I programmes](#) 
- [HORIZON collaboration network](#) 

Total cost

€ 222 125,00



MARIENE INFORMATIE SERVICE MARIS BV

 Netherlands

Net EU contribution

€ 220 587,50

Address

GILDEWEG 7A  
2632 BD Nootdorp 

SME 

Yes

Activity type

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

Links

- [Contact the organisation](#)  [Website](#) 
- [Participation in EU R&I programmes](#) 
- [HORIZON collaboration network](#) 

Total cost

€ 220 587,50



ISTITUTO NAZIONALE DI OCEANOGRAFIA E DI GEOFISICA SPERIMENTALE

 Italy

Net EU contribution

€ 78 687,50

Address

Borgo Grotta Gigante 42/C  
34010 Sgonico-Trieste 

Region

**Nord-Est > Friuli-Venezia Giulia > Trieste**

Activity type

**Research Organisations**

Links

- [Contact the organisation](#) 
- [Website](#) 
- [Participation in EU R&I programmes](#) 
- [HORIZON collaboration network](#) 

Total cost

**€ 78 687,50**



**ORBITAL EOS SL**

 Spain

Net EU contribution

**€ 112 500,00**

Address

**C PEDRALBA 19 BAJO**  
**46117 Valencia** 

SME 

**Yes**

Region

**Este > Comunitat Valenciana > Valencia/València**

Activity type

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

Links

- [Contact the organisation](#) 
- [Participation in EU R&I programmes](#) 
- [HORIZON collaboration network](#) 

Total cost

**€ 112 500,00**



# SOCIB - CONSORCIO PARA EL DISEÑO, CONSTRUCCIÓN, EQUIPAMIENTO Y EXPLOTACIÓN DEL SISTEMA DE OBSERVACIÓN COSTERO DE LAS ILLES BALEARS

 Spain

Net EU contribution

€ 109 978,50

Address

Edificio Naorte S/N, Bloque A, planta 2, puerta 3 Parc BIT  
07121 Palma 

Region

Este > Illes Balears > Mallorca

Activity type

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

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 109 978,50



## SORBONNE UNIVERSITE

 France

Net EU contribution

€ 341 250,00

Address

21 RUE DE L'ECOLE DE MEDECINE  
75006 Paris 

Region

Ile-de-France > Ile-de-France > Paris

Activity type

Higher or Secondary Education Establishments

Links

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

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 341 250,00

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## UNIVERSITE DE LORRAINE

 France

Net EU contribution

€ 113 937,50

Address

**COURS LEOPOLD 34**

**54052 Nancy Cedex** 

Region

**Grand Est > Lorraine > Meurthe-et-Moselle**

Activity type

**Higher or Secondary Education Establishments**

Links

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

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 113 937,50

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## UNIVERSITA DEGLI STUDI DI TRENTO

 Italy

Net EU contribution

€ 58 125,00

Address

**VIA CALEPINA 14**

**38122 Trento** 

Region

**Nord-Est > Provincia Autonoma di Trento > Trento**

Activity type

**Higher or Secondary Education Establishments**

Links

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

[Participation in EU R&I programmes](#) 

Total cost

€ 58 125,00



## UNIVERSITAT POLITECNICA DE VALENCIA

 Spain

Net EU contribution

€ 77 937,50

Address

**CAMINO DE VERA SN EDIFICIO 3A**

**46022 Valencia** 

Region

**Este > Comunitat Valenciana > Valencia/València**

Activity type

**Higher or Secondary Education Establishments**

Links

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

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 77 937,50



## VLAAMS INSTITUUT VOOR DE ZEE

 Belgium

Net EU contribution

€ 426 750,00

Address

**JACOBSENSTRAAT 1**

**8400 Oostende** 

Region

**Vlaams Gewest > Prov. West-Vlaanderen > Arr. Oostende**

Activity type

**Research Organisations**

Links

[Contact the organisation](#)  
[Participation in EU R&I programmes](#)  
[HORIZON collaboration network](#)

Total cost  
**€ 426 750,00**



**SOUTH EAST TECHNOLOGICAL UNIVERSITY**

Ireland

Net EU contribution  
**€ 52 185,50**

Address  
**CORK ROAD CAMPUS WATERFORD**  
**X91 K0EK Waterford**

Region  
**Ireland > Southern > South-East**

Activity type  
**Higher or Secondary Education Establishments**

Links  
[Contact the organisation](#)  
[Participation in EU R&I programmes](#)  
[HORIZON collaboration network](#)

Total cost  
**€ 52 185,50**



**KARLSRUHER INSTITUT FUER TECHNOLOGIE**

Germany

Net EU contribution  
**€ 261 562,50**

Address  
**KAISERSTRASSE 12**  
**76131 Karlsruhe**

Region  
**Baden-Württemberg > Karlsruhe > Karlsruhe, Stadtkreis**

Activity type

## Higher or Secondary Education Establishments

### Links

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

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

**€ 261 562,50**



## ASSOCIACAO CNCA - CENTRO NACIONAL DE COMPUTACAO AVANCADA

 Portugal

Net EU contribution

**€ 50 414,50**

Address

**AV DE BRASIL 101**

**1700-066 LISBOA** 

Activity type

**Research Organisations**

### Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

**€ 50 414,50**

**Last update:** 5 September 2022

**Permalink:** <https://cordis.europa.eu/project/id/101058625>

European Union, 2025