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# Automatic Oil-Spill Recognition and Geopositioning integrated in a Marine Monitoring Network

## Fact Sheet

### Project Information

**ARGOMARINE**

Grant agreement ID: 234096

[Project website](#) 

Project closed

**Start date**

1 September 2009

**End date**

30 November 2012



**Funded under**

Specific Programme "Cooperation": Transport  
(including Aeronautics)

**Total cost**

€ 4 846 612,99

**EU contribution**

€ 3 270 314,00

**Coordinated by**

ENTE PARCO NAZIONALE  
ARCIPELAGO TOSCANO

 Italy

This project is featured in...



## Shaping the future of air transport

### Objective

The concept of the ARGOMARINE proposal is the monitoring of the marine traffic due to carriers and commercial ships through environmental-sensitive sea areas. This monitoring will be realized by means of sophisticated electronic, geopositioning, and telematic tools connected through a high speed network along with data transmission through suitable data links. Data from different sources will be collected in an independent and remote fashion and sent to a main acquisition and elaboration central unit. . Motivation and scope of the Argomarine project is the safe detection, notification and interventions on vessels in emergency situation and the protection of sea and insular environment, endangered by heavy and continuous activities, mainly due to intensive ship traffic, generating a consistent pollution risk. The envisaged goal is connected to the necessity of precise and punctual pollution control in areas and shores which are, for instance, of particular naturalistic value, and/or are exposed to risk of accidental or even intentional contamination due to their vicinity to industrial or highly densely populated settlements, or crossed by a heavy ship traffic. All the data and the information obtained will be merged and elaborated in a Marine Information System (MIS), i.e. an information system where remote sensing data, field experiment results and estimates from simulation models will be integrated, and tools for data storage and retrieval, data manipulation and analysis, as well as for presentation, will be available through a common interface

### Fields of science (EuroSciVoc)

[engineering and technology](#) > [environmental engineering](#) > [remote sensing](#)

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



### Keywords

AUV

Oil spill monitoring

airborne and shipborne sensors

electronic nose

geopositioning

mathematical modelling

satellite image processing

sea traffic monitoring

thermal sensors

## Programme(s)

[FP7-TRANSPORT - Specific Programme "Cooperation": Transport \(including Aeronautics\)](#)

## Topic(s)

[SST.2008.1.2.1. - Preventive and emergency interventions to protect marine, coastal and land environments](#)

## Call for proposal

FP7-SST-2008-RTD-1

[See other projects for this call](#)

## Funding Scheme

[CP-FP - Small or medium-scale focused research project](#)

## Coordinator



**ENTE PARCO NAZIONALE ARCIPELAGO TOSCANO**

EU contribution

**€ 332 617,05**

Total cost

**No data**

Address

**VIA GUERRAZZI 1**

**57037 PORTOFERRAIO**

 **Italy** 

Activity type

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

Links

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

## Participants (8)



### ETHNICON METSOVION POLYTECHNION

Greece

EU contribution

€ 552 764,40

Address

HEROON POLYTECHNIOU 9 ZOGRAPHOU CAMPUS  
157 72 ATHINA

Region

Αττική > Αττική > Κεντρικός Τομέας Αθηνών

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**



### CONSIGLIO NAZIONALE DELLE RICERCHE

Italy

EU contribution

€ 989 430,75

Address

PIAZZALE ALDO MORO 7  
00185 Roma 

Region  
**Centro (IT) > Lazio > Roma**

Activity type  
**Research Organisations**

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

Total cost  
**No data**



**STIFTELSEN NANSEN SENTER FOR MILJOOG FJERNMALING**

 Norway  
EU contribution  
**€ 294 714,00**

Address  
**JAHNEBAKKEN 3**  
**5007 Bergen** 

Activity type  
**Research Organisations**

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

Total cost  
**No data**



**UNIVERSIDADE DO ALGARVE**

 Portugal  
EU contribution  
**€ 343 390,00**

Address

CAMPUS DE PENHA  
8005 139 Faro 

Region

Continente > Algarve > Algarve

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



SCENSIVE TECHNOLOGIES LTD 

 United Kingdom

EU contribution

No data

Address

Ripley Drive,Normanton Business Park  
WF6 1QT NORMANTON 

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

No data



Management Agency of Zakynthos National Marine Park

 Greece

EU contribution

€ 54 215,00

Address

El. Venizelou 1  
29100 ZAKYNTHOS 

Activity type  
**Other**

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

Total cost  
**No data**



**JRC -JOINT RESEARCH CENTRE- EUROPEAN COMMISSION**

 Belgium  
EU contribution  
**€ 227 038,80**

Address  
**Rue de la Loi 200**  
**1049 Bruxelles / Brussel** 

Region  
**Région de Bruxelles-Capitale/Brussels Hoofdstedelijk Gewest > Région de Bruxelles-Capitale/ Brussels Hoofdstedelijk Gewest > Arr. de Bruxelles-Capitale/Arr. Brussel-Hoofdstad**

Activity type  
**Research Organisations**

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

Total cost  
**No data**



**NATO Undersea Research Centre**  
 Italy  
EU contribution  
**€ 476 144,00**

Address

**Viale San Bartolomeo 400**  
**19126 La Spezia** 

Activity type

**Research Organisations**

Links

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

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

[HORIZON collaboration network](#) 

Total cost

**No data**

**Last update:** 1 August 2019

**Permalink:** <https://cordis.europa.eu/project/id/234096>

European Union, 2025