



**Eurofleets**

# **Towards an alliance of European research fleets**

## **EUROFLEETS fundamentals**

Jacques Binot, Coordinator of the project



# Eurofleets

## Towards an alliance of European research fleets

### What is EUROFLEETS?

- A first attempt to structure European fragmented research fleets including research vessels (RVs) and associated equipment
- An I3 (*Integrated Infrastructure Initiative*) of the 7th FP, on the model of EUFAR project for airborne airplanes
- 3 strongly connected complementary Activities concerning Trans National Access –**TNA**-, Networking –**NA**- and Joint (technological) Research –**JRA**-



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## Towards an alliance of European research fleets

24 marine institutes, universities, foundations and SMEs -from 16 nations (14 member states -4 recent ones- and 2 associated countries) propose their Research Vessels (RVs), associated equipment, and know how

**AWI, Germany**

**CNR, Italy**

**CSIC, Spain**

**EurOcean,  
Portugal**

**FCT, Portugal**

**GeoEcoMar,  
Romania**

**HCMR, Greece**

**IEO, Spain**

**Ifremer, France**

**SDLO, Netherlands**

**IMR, Norway**

**IMS-METU, Turkey**

**IO-BAS, Bulgaria**

**IOPAS, Poland**

**IPEV, France**

**MARIS, Netherlands**

**MARUM, Germany**

**MI, Ireland**

**MPIMM, Germany**

**NERC, U.K.**

**OGS, Italy**

**RBINS-MUMM,  
Belgium**

**TUT, Estonia**

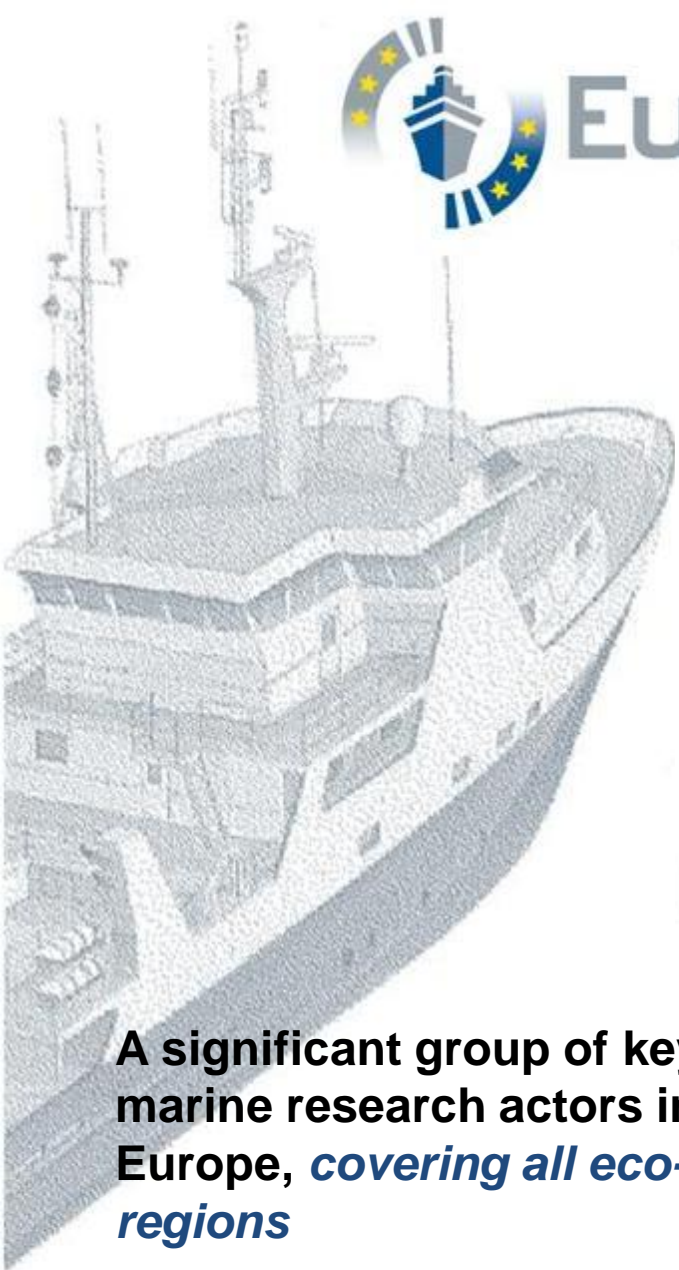
**VLIZ, Belgium**





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## Towards an alliance of European research fleets



A significant group of key marine research actors in Europe, *covering all eco-regions*





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## **Key dates**

- **Proposal submission: 29th February 2008**
- **Negotiation period: June 2008 to March 2009**
- **Commencement date: 1st September 2009**
- **TNA calls: 2 in 2010, 1 in 2011**
- **TNA funded cruises in 2011, 2012 and 2013**
- **Final conference: 13th June 2013**
- **End of the project: 30th August 2013**



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## **5 Ocean/Global RVs made accessible**



*Marion Dufresne* with giant corer



*OGS-Explora*



*Polarstern*



## 10 Regional RVs made accessible

**CNR :** *Urania*  
**CSIC :** *Garcia del Cid*  
**FCT :** *Dom Carlos I*  
**GeoEcoMar :** *Mare Nigrum*  
**HCMR :** *Aegeo (with  
underwater equipment)*  
**IEO :** *Ramon Margalef*  
**IO-BAS :** *Akademik*  
**MI :** *Celtic Voyager*  
**RBINS-MUMM :** *Belgica*  
**TUT :** *Salme*





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## **Joint Research Activities**

- Development of **embarked software** for future standardisation of on-board processing tools
- Development and test at sea of **innovative payloads for European underwater vehicles**





### Budgetary issues

- Original proposed EC contribution: 8 M €
- Negotiated EC contribution of **7.2 M €** upon a more than 9 M € budget
- Three heavy contributors (Germany, Italy, France)
- **Focus on TNA funding** (more than 30%)
- Amendment to take into account real TNA funding decisions
- Work under completion: **TNA actual costs pilot determination**



### Original issues

- Limited direct impacts yet as normal cruise publication time of 3 to 5 years
- A *Nature* comment
- A lot of indirect impacts
- Heavy crisis consequences
- **Quality Assurance Plan** and Quality Indicators follow up
- Living gender agreement



### Main links with other European structures

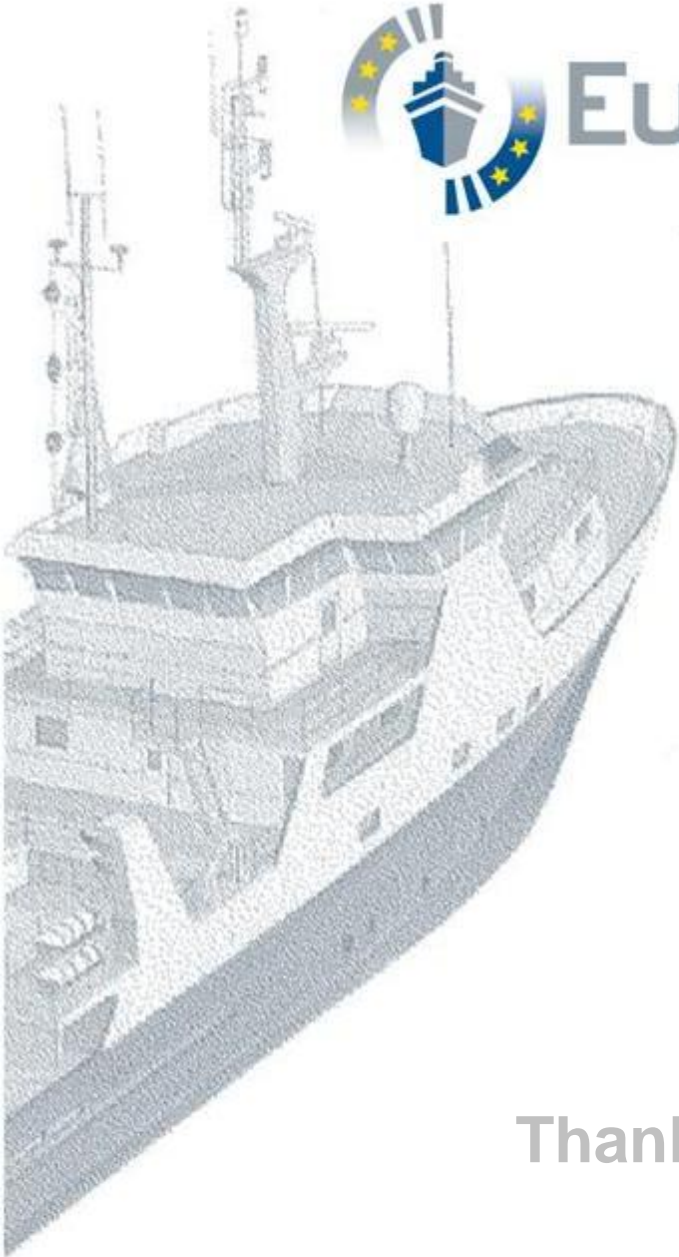
- **MarinERA** for the preparation phase
- **SeaDataNet** (2 FP I3 projects), for standardised data management
- **BONUS** (Article 169)
- **EUFARs** for airborne research infrastructures
- **EMBRC**
- **Geo-Seas** (e-infrastructure)
- **SEAS-ERA** ERANet (for marine research infrastructures)
- **JPI Oceans**





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**More information on**

**[www.eurofleets.eu](http://www.eurofleets.eu)**

**Thanks for your attention**