

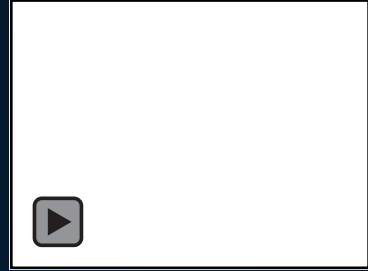
# The European Information Catalogue of Marine Research Infrastructures

Sandra Sá, Sérgio Bryton and Ruth Higgins

eur@cean

# *Fostering marine science and technology, everyday!*

---



The European broker for Ocean Science and Technology

Independent, non-profit, scientific organization based in Lisbon, Portugal

Funded in 2002 by the Portuguese Foundation for Science and Technology (FCT) and Ifremer

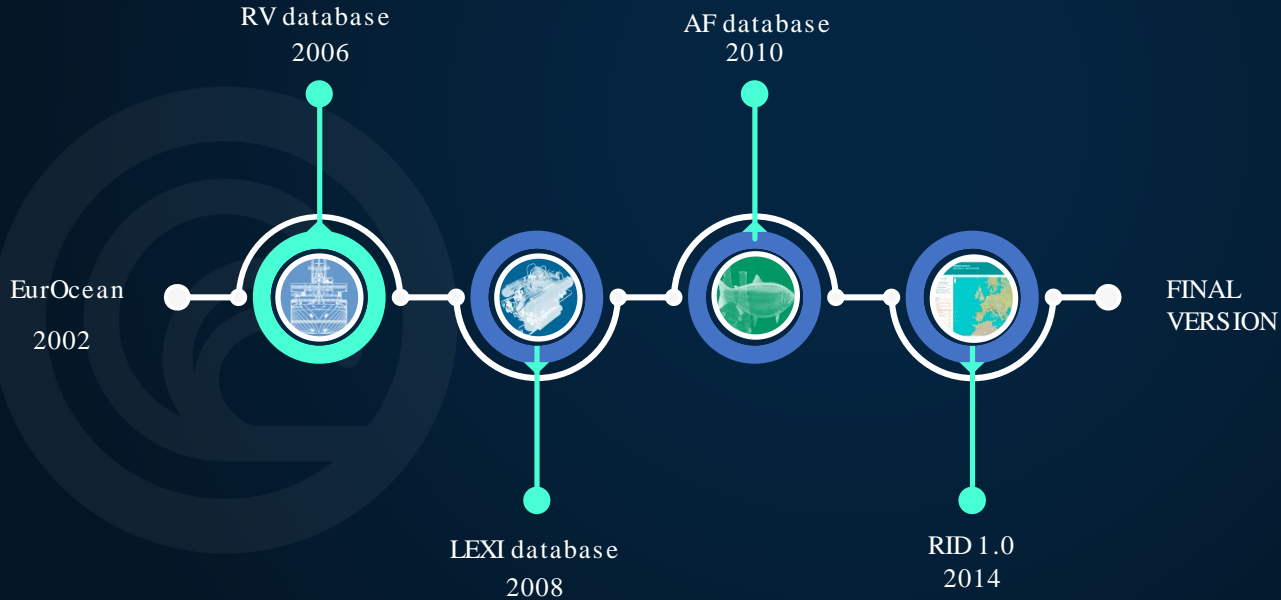
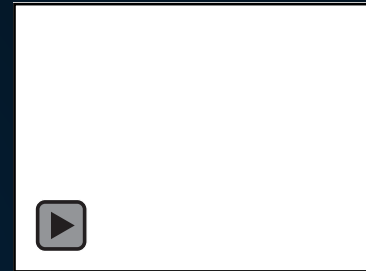
Aims to support European marine science and technology advances

Promotes information exchange, cooperation and collaboration among its members, the ocean community and society





- Harmonised and integrated system
- Compatible with standards and vocabularies
- Streamlined update process
- Improve the filtering and the displaying functions
- Easier evolution
- Technical, scientific and operational information





Collaborations

Networks

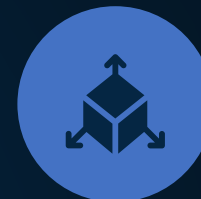
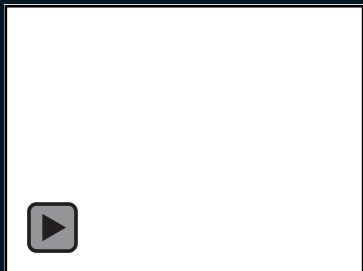
Projects initiatives

Convergence issues

Technical requirements

Detailed specifications

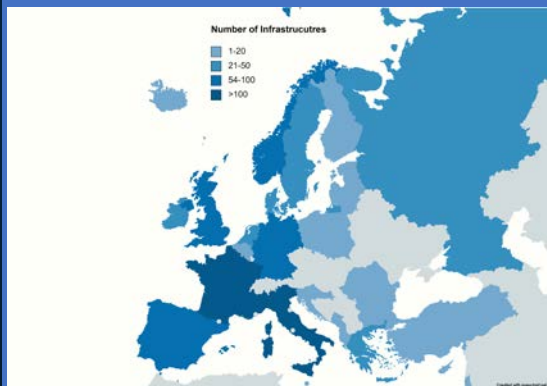
Integrated system



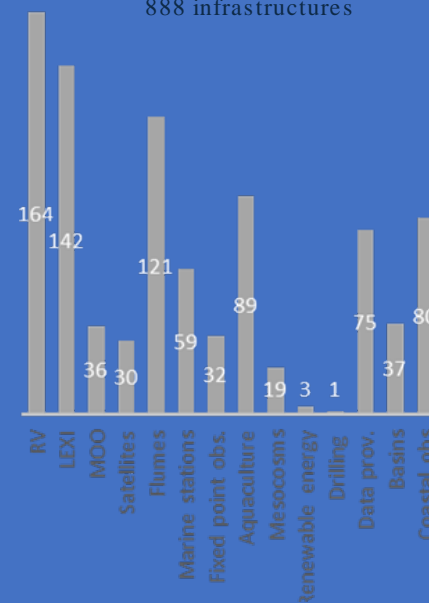
15 categories

- Research vessels
- Underwater vehicles and large equipment
- Mobile ocean observatories
- Satellites for seas and oceans observation
- Flumes and test labs for ocean engineering
- Marine biology stations
- Fixed point open ocean observatories
- Aquaculture research facilities
- Marine mesocosms facilities
- In situ test sites for ocean renewable energy
- Deep ocean drilling research facilities
- Marine data providers
- Basins
- Coastal observatories

35 countries

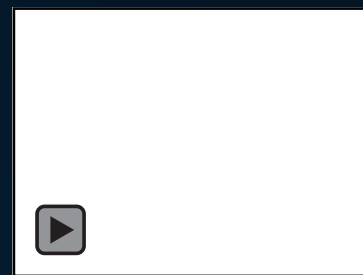


888 infrastructures

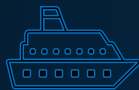


# ERVO

---



92  
ERVO certified vessels



141  
LEXI



## Realtime Statistics

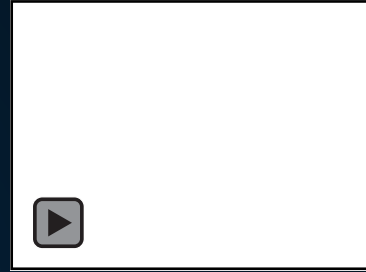


## RV AIS Information



# *RID 3.0*

---



Inclusion of specialized information

Generation of tailored reports



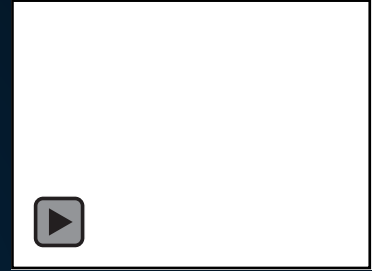
Natural Language Processing search

Usability Improvements



# *RID 3.0*

---



## DATA

Expand the number  
of data providers an  
infrastructures



## END-USERS

Attract different  
stakeholders



## NETWORKING

New Projects  
New Institutions

# IMPACT



Opportunities for transnational access



Streamline access to information



European Atlas of the Seas



Think tanks



H2020 proposals



Ocean literacy initiatives



# *Setting-Up a community of Interest*

---

To gather a virtual community around the topic of Infrastructures. Its members will take part in the community to exchange information, to improve their understanding and to share common opportunities.

- Pooling and Sharing initiatives;
  - Create oportunities for multidisciplinary innovation and technology development;
  - Visiting experts programme;
  - Normalisation and quality of information about existent infrastructures.
- 
- [Virtual Platform](#)
  - [Meetings and Events](#)





# Conclusion

---



## Since 2006

1st Infrastructures databases



## Process

Living database

## Powered by

Partnerships and collaborations



## Impact

Marine research, policy support  
and education and training levels

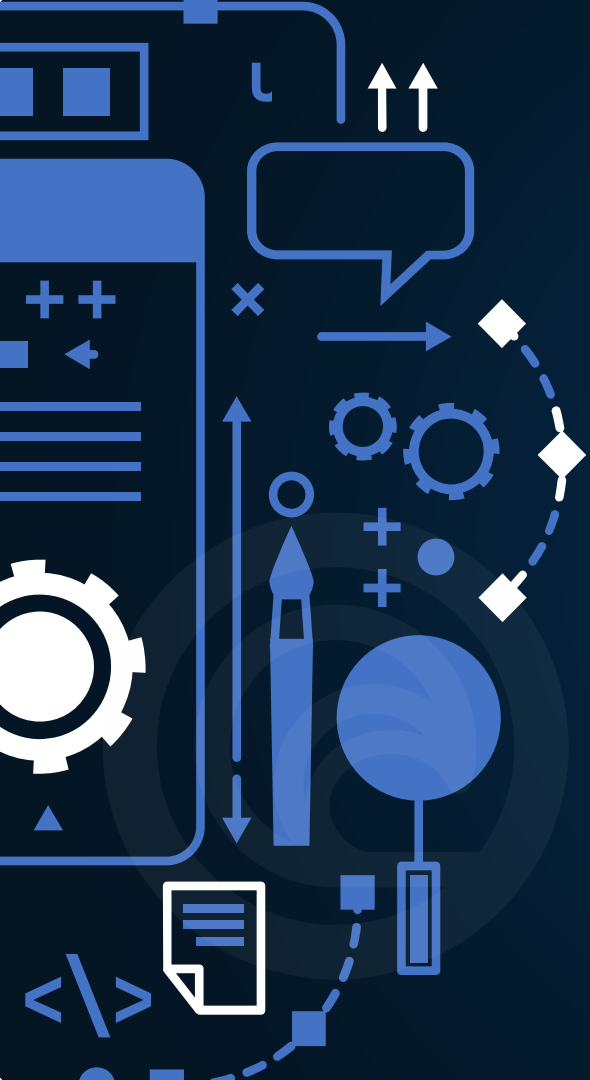
## Goals

Most complete database of its kind



## Future

More users  
New functionalities  
More data



# THANKS !

Does anyone have any question?

[Infrastructures@eurocean.org](mailto:Infrastructures@eurocean.org)  
[www.eurocean.org](http://www.eurocean.org)  
EurOcean

# CREDITS

- Presentation template by Slidesgo
- Icons by Flaticon
- Infographics by Freepik
- Images created by Freepik
- Text & Image slide photo created by Freepik