



Supporting the coordination of Europe's Ocean Observing System

Dr. Ned Dwyer, Executive-Director, EurOcean



Some Themes at EP EOOS event 2016

Europe (...)use the enormous potential of its infrastructure capacities, knowledge and resources

Technological and infrastructure collaborations are required

Baseline data on marine biology are critical

The need for ocean literacy and outreach

the link between science, technology and society

data sharing and capacity building are critical



An independent European network of 12 member organisations



Comprehensive open databases of information on marine science and technology



- marine research infrastructures,
- marine knowledge,
- Outreach & communication



Today 12 Members & 4 Cooperating Members



Cooperating members

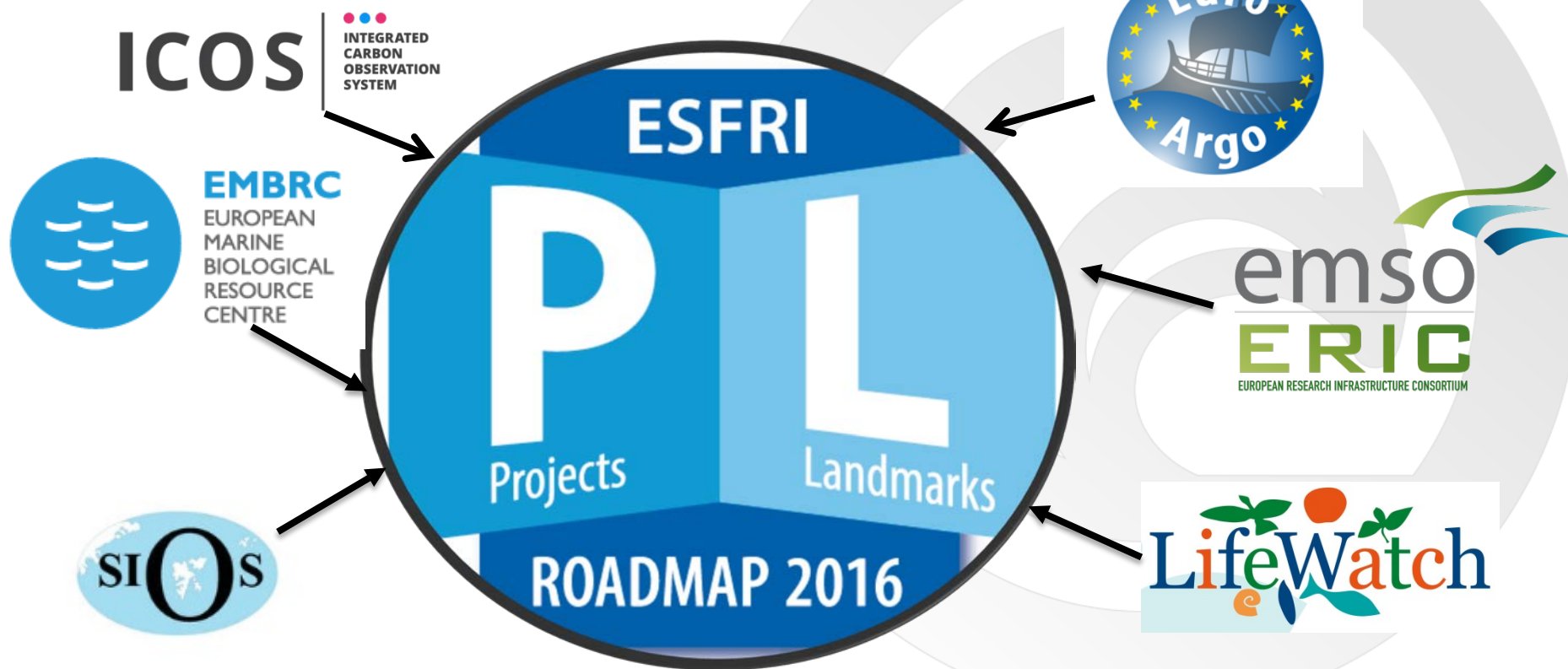


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**EOOS
Consultation**

**“Improve coordination of observing infrastructures,
systems and initiatives”**

ESFRI – supports better use and development of research infrastructures



Underpinning Europe's Marine Infrastructure



Marine Research
Infrastructures



Largest Marine Research Infrastructures Database in Europe



> 300 research vessels and underwater vehicles



> 160 aquaculture & biology research facilities



> 135 in-situ observing systems



> 130 land based facilities (e.g. wave tanks)



26 satellites



76 marine data providers

Publicly Accessible and Easy to Search & Update

MARINE RESEARCH INFRASTRUCTURES DATABASE

EurOcean_RID

CONTRIBUTE YOURSELF TO UPDATE THE DATABASE

If you are aware of any Infrastructure that is not yet in the database or any other updates, please contact [EurOcean](#) or [insert yourself a new record and update](#)

SEARCH

NAME

COUNTRY

OPERATOR

MRI CATEGORY

MRI SUBCATEGORY


MRI TYPE

OPERATING AREAS


DISCIPLINES

DISPLAY RESULTS ON THE MAP

20160325_163...jpeg



EurOcean_RID




[Update Infrastructure](#)

[Back to list](#)

RESEARCH INFRASTRUCTURE

Infrastructure Information and Contact

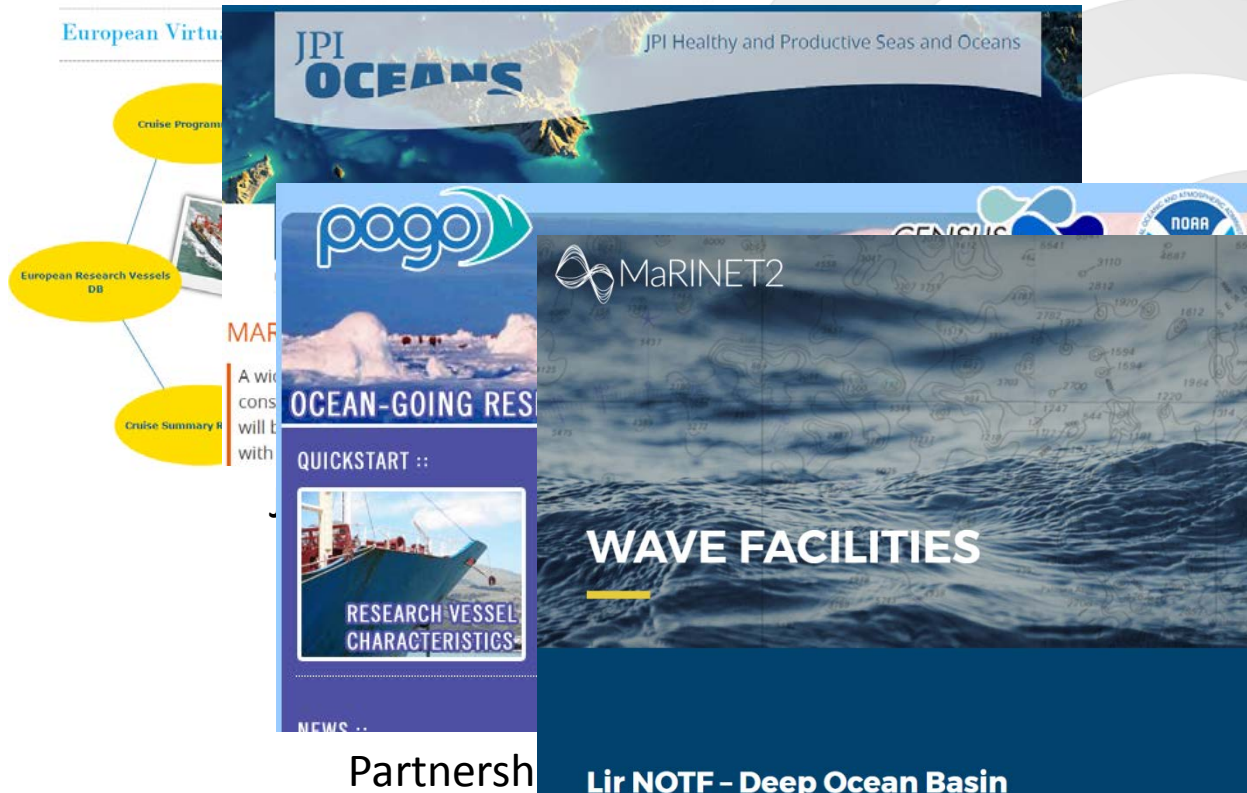
Name	Urania
Owner	SOPROMAR - So.Pro.Mar. SpA
Operator	ISMAR-CNR - National Research Council; Institut



Status	Public Research
Category	Research vessels and their underwater vehicles
Subcategory	Research vessels

rid.eurocean.org

Supporting Shared Use and Transnational access



Renewable Offshore Energy Research

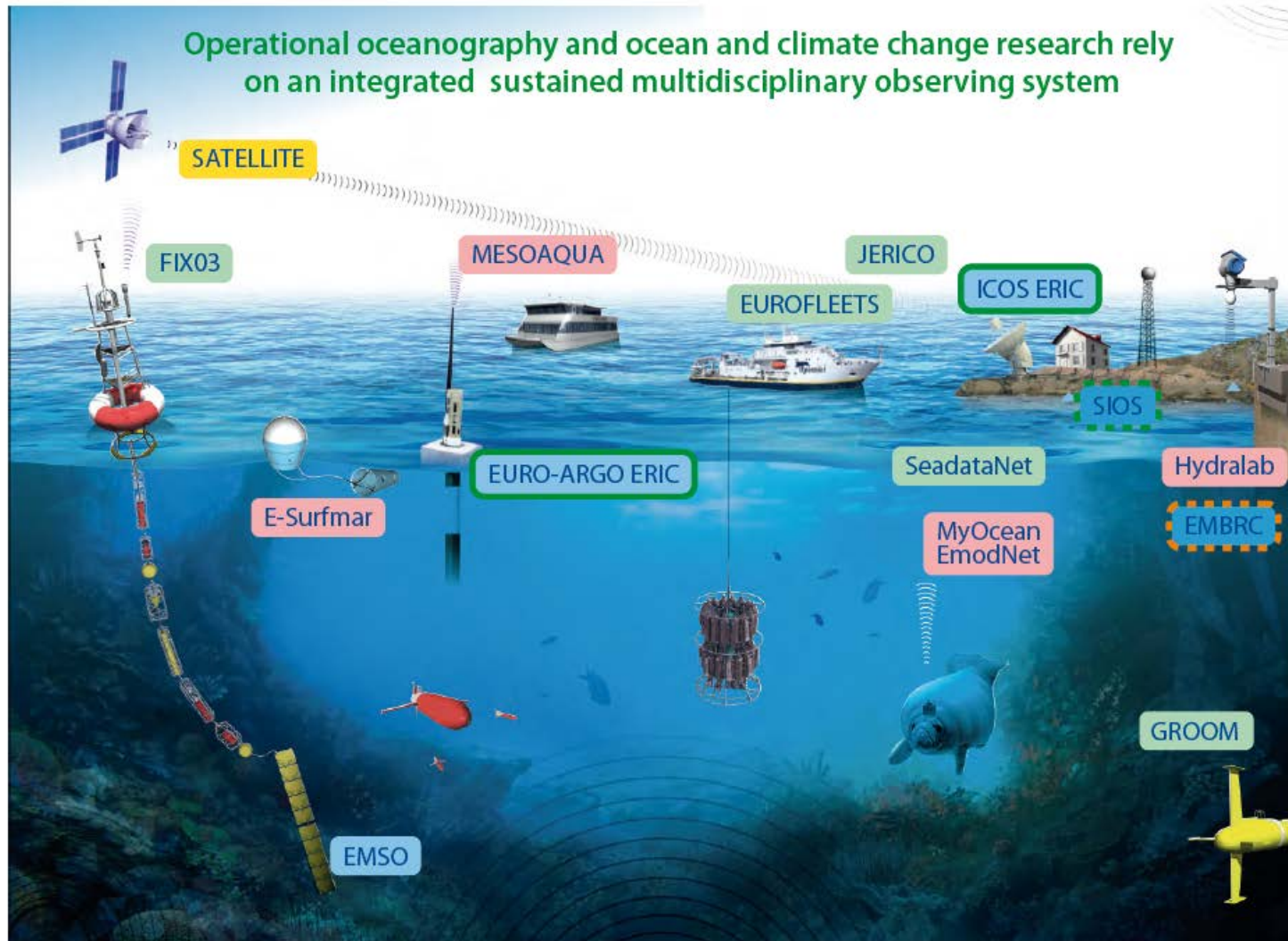
A white five-pointed star with an orange outline, tilted slightly to the right. Inside the star, the text "EOOS Consultation" is written in orange, with "EOOS" on the top line and "Consultation" on the bottom line.

**EOOS
Consultation**

“Mapping and characterization of the existing European ocean observing landscape ”

Some Other EU Projects and related initiatives







Safeguarding information on Europe's marine research investments



Marine Knowledge
Management

Repository of Marine Projects and their Results

H2020

FP7

FP6

INTERREG IV

INTERREG III

LIFE

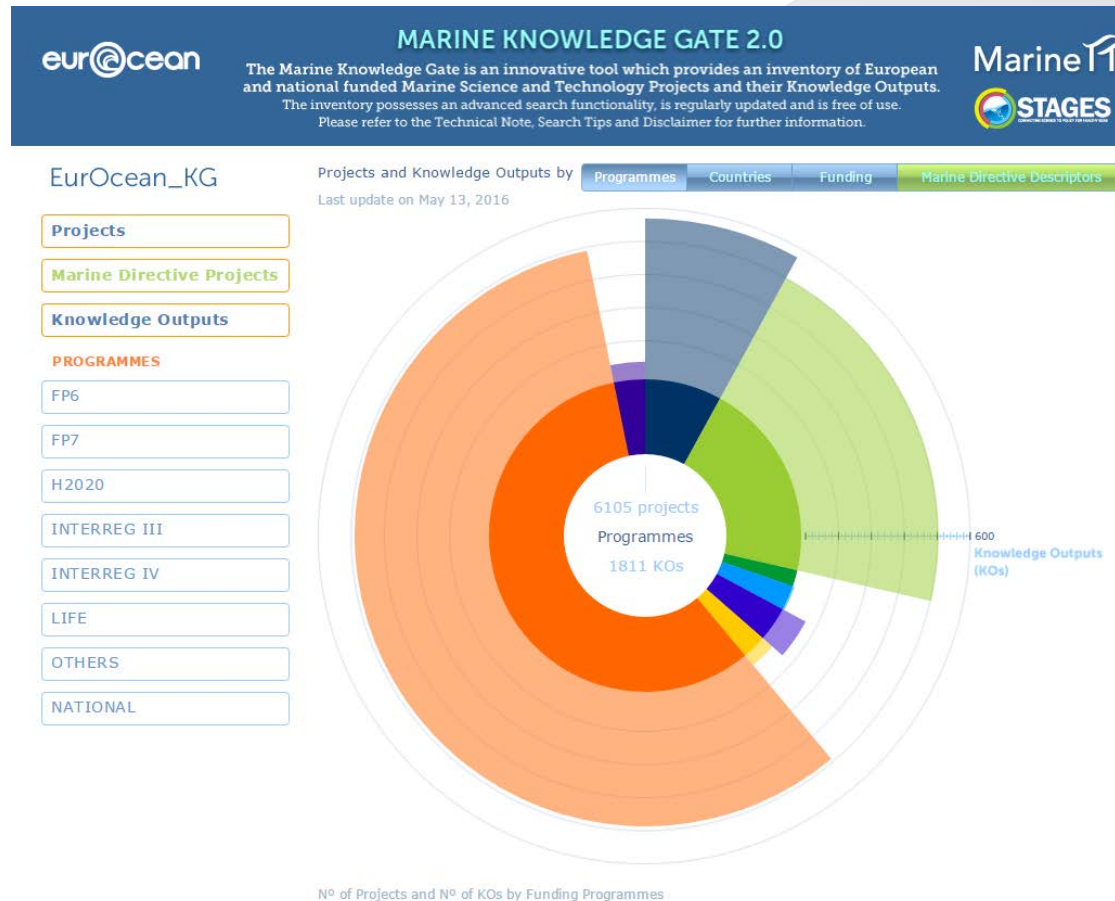
COST

NATIONAL

+ > 20 others



Publicly Accessible and Easy to Search & Update



www.kg.eurocean.org

Adding Value to Other Initiatives



KEY OUTCOMES OF THE STAGES PROJECT

KNOWLEDGE TRANSFER

"IDENTIFY, EXTRACT, ANALYSE AND

The Key outcomes from WP2 revolve around ensuring it was made readily available for us [Visualisation Tool](#).

As well as the mandated deliverables outline

1. [Harnessing MSFD-related research: An](#)
2. [Research Harnessing Recommendation](#)
3. [Harnessing MSFD-related research: An](#)

Marine IT

Home About Mgt Structure



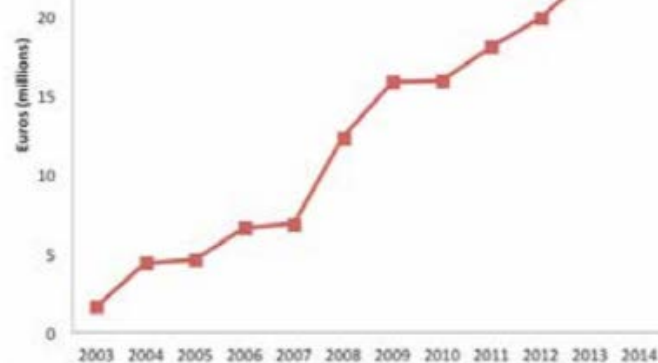
Marine Knowledge Gate has been

The Marine Knowledge Gate is an innovative European funded Marine Science and Technology Outputs. The inventory has an advanced search



Delving Deeper

Critical challenges for 21st century deep-sea research



Credit: Karen Donalson (EPA)

Supporting EMB

Knowledge Gate Abstracts: Observation keywords

Biology
DeepOcean
Infrastructure
EcosystemApproach
Observing
Stakeholder
CoastalSeas
OceanLiteracy
Observation
Biogeochemistry
Physical

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EOOS
Consultation

“Promoting partnerships with other current initiatives...to avoid duplication of efforts and maximise limited resources ”