

EurOcean

Bridging European Marine Information

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Introduction

What is EurOcean?

- ✓ A network of member-partners, created by the vision of a new marine dimension for Europe, through research & technological development.
- ✓ It is the focal point for information on marine science and technology in Europe.
- ✓ Through its Internet portal is providing information on topics related to marine science and technology.
- ✓ Priority domains: marine research infrastructures and European research, technology and development information.
- ✓ Contributes to the initiatives aiming to implement a Marine European Research Area and a European Maritime Policy.

Introduction

EurOcean's Members



Cooperating members



Introduction

How it works?

- ✓ As an independent developer of information & knowledge provision products.
- ✓ As a partner in EU projects – specialised in Dissemination, Communication & Knowledge transfer.
- ✓ As a Third Party, connected to the participation of one of its Members, to EU or other projects.
- ✓ As a Subcontractor, to EU or other projects, for the development of technical applications and dissemination material as well as the collection and processing of information.

Main lines of work

✓ Infrastructures Information Management

Electronic set of information regarding marine sciences and technology infrastructures in Europe, which has been aggregated and organised in a coherent and useful manner for end-users.

✓ Knowledge Management

Inventory of Marine Science and Technology projects and their knowledge outputs – Analysis of this information in order to facilitate knowledge based decision making and policy development.

✓ Ocean Literacy

Dissemination of Scientific Information to the general public or specific targeted audiences with different needs (stakeholders, students, etc.) in manners appropriate for optimum communication of important messages.

Challenges in Marine Data Management

- ✓ Assess and proceed to the necessary monitoring, recognizing the severe lack of data for most of the ocean, the financial, technical, time and commitment related challenges of the sampling procedure
- ✓ Need for transdisciplinary data [environmental – social – economical – governance] to face the future research, social and political goals
- ✓ Quality, quantity, accessibility, property rights, rules of use on the available data
- ✓ Storing of the data, with associated common quality control protocols (OAIS) and metadata processing (where, who, how, what kind of infrastructures necessary?)
- ✓ Methods and tools to produce the information and services required at local, regional European and global scales, to meet identified commercial, societal and environmental needs in a cost efficient way.

Challenges in Marine Information Management

- ✓ **Maintain continuity** of the research harnessing process, as it is usually a static and not a continuous process
- ✓ **Lack of accessibility** to profile information of existing research
- ✓ **Lack of categorization** of marine related research, a procedure extremely time-consuming due to the number of marine related, European and national projects
- ✓ **Difficulties in the obtainability** of information, due to time and participation willingness restrictions

Infrastructures Information Management

EurOcean_RV



EUROPEAN RESEARCH VESSELS INFOBASE

www.rvinfobase.eurocean.org

- information on European research vessels larger than 10 meters in length
- ~ 500 European Research Vessels with relevant information about the characteristics, specializations, etc.

EurOcean_RV

EUROPEAN RESEARCH
VESSELS INFOBASE

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Dallaporta

Status	Operating
Main activity	Multiple activities
Operating area	Mediterranean Seas
Country	Italy
NODC code	
Call sign	
Year built	2001
Homeport	
Length	35.30 m
Avail. for charter	No
Last update	23.05.2008

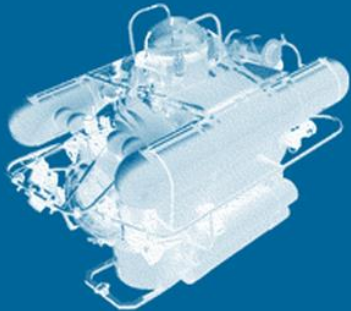
CONTACT INFORMATION

Owner	
Operator	ISMAR-CNR Sezione Pesca Marittima
Contact person	Gaetano Messina
Address	ISMAR-CNR Sezione Pesca Marittima Largo Fiera della Pesca 60125 ANCONA, Italy
Telephone	+39 071 2078831
Fax	+39 071 55313
Website	
Email	g.messina@ismar.cnr.it
Observations	--

[Printable detailed PDF](#)

Infrastructures Information Management

EurOcean LEXI



EUROPEAN LARGE EXCHANGEABLE EQUIPMENTS

~ 160 European Large Exchangeable Pieces of Equipment with relevant information about the characteristics, specializations, etc.

www.lexiinfobase.eurocean.org

EUROPEAN LARGE EXCHANGEABLE EQUIPMENTS



EurOcean – Centre for Marine Science and Technology maintains an on-line searchable info-base on the Large Exchangeable Instruments used in Europe for Scientific research.

[Update this instrument](#)

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Instrument Information and Contact

Name	GIRONAS00
Owner	CIRS - VICOROB - University of Girona
Operator	CIRS
Type	Autonomous underwater vehicle
Contact person	Pere Ridao
Link Contact Person	pere@eia.udg.edu
Phone	+34 972 419871
Address	C/PIC de Peguera 13, SN. Parc Científic Tecnològic de la UdG, CIRS, 17003 Girona
Country	Spain
Link Institution	http://cirs.udg.edu
Model	GIRONAS00
Manufacturer	CIRS
Year Built	2011
Last Update	2014/11/17

General Specifications

Length (m)	1.5
Height (m)	1
Gross weight (in air) (kg)	150
Max. Operating Depth (m)	500

Additional information

Examples of scientific data acquired	High Accuracy Stereo Imagery (2x21 Mp still cameras) Multibeam sonar profiler Sound Speed profiler Side Scan Sonar
Charter Availability	Yes
Barter availability	Yes
Status	Active
Technical Details	Download file

Infrastructures Information Management

EurOcean_AF


www.mefinfobase.eurocean.org



- ~ 120 European Aquaculture Experimental and Research Facilities
- access to information about research topics dealt with, species cultivated, physical description, supporting facilities, special equipment, as well as nearby lodging

EurOcean_AF

EUROPEAN
AQUACULTURE
EXPERIMENTAL
AND RESEARCH
FACILITIES




Click to update this facility

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INFRASTRUCTURE DETAILS

[Print detailed PDF](#)

FACILITY IDENTIFICATION

Last update	23/07/2014
Facility/Name	HCMR Souda
Url	http://www.hcmr.gr/gf/listview3.php?id=368
Description	Unknown
Owner	HCMR - Hellenic Center for Marine Research
Address	71003 Iraklion, Crete, P.O. Box 2214, GREECE
Email	stavros@hcr.hcmr.gr
Position (latitude)	Unknown
Position (longitude)	Unknown
Phone	+30 2810 337873
Contact person (name)	Stavros Chatzifotis
Country	Greece
Historic outline	Unknown
Principle investigators/scientists	Unknown
Main category of the facility	Sea based facilities
Facility research topics	Unknown
Species held at facility	Unknown
Scientific staff (number)	Unknown
Administrative staff (number)	Unknown
Technical staff (number)	Unknown
Other staff (number)	Unknown
Water supply - temperature range and granularity	Unknown
Water supply - salinity and granularity	Unknown
Water supply - pH-value range and granularity	Unknown
Departments	Unknown
Supporting facilities at site	Unknown

Infrastructures Information Management

EurOcean RID

rid.eurocean.org



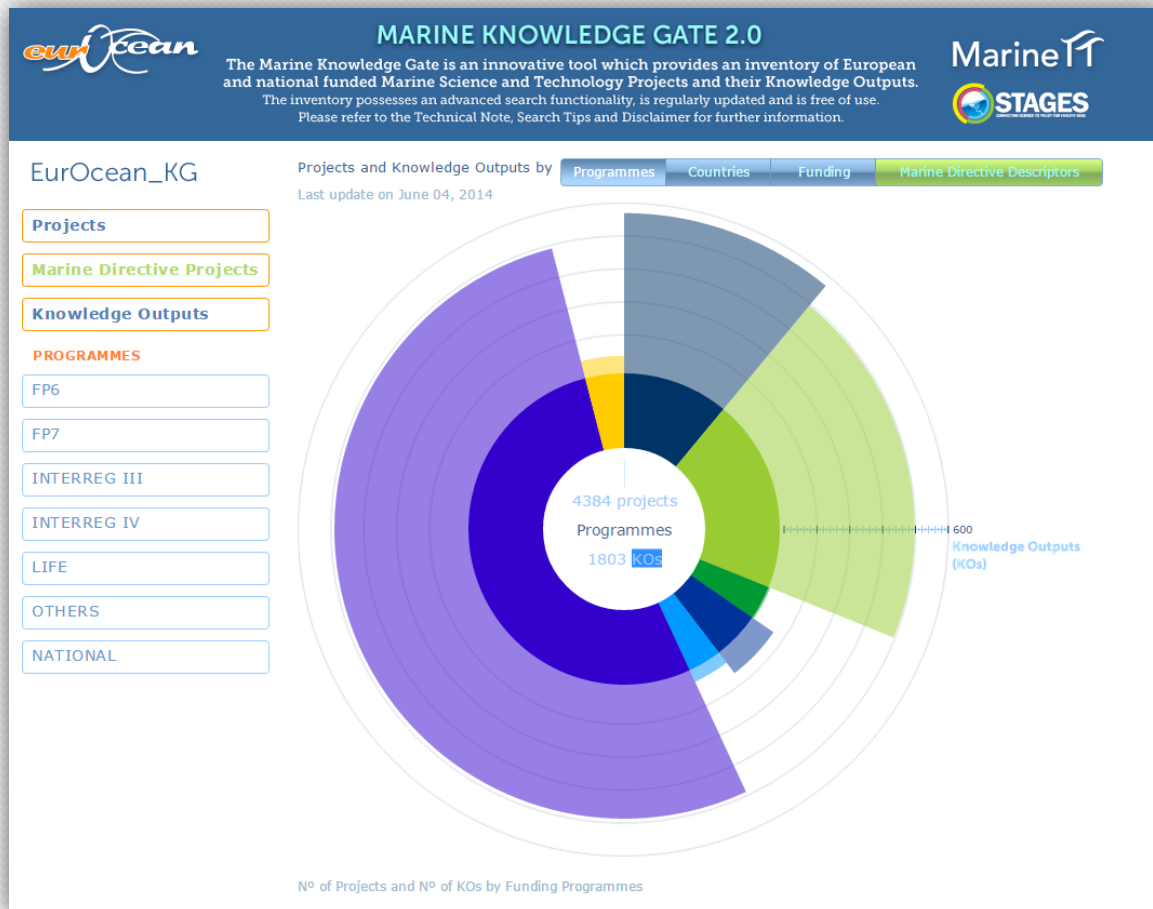
The screenshot shows the 'MARINE RESEARCH INFRASTRUCTURES DATABASE' interface. On the left, there is a search panel with the title 'EurOcean_RID' and a sub-header 'CONTRIBUTE YOURSELF TO UPDATE THE DATABASE'. Below this, a text block explains that users can update the database by contacting EurOcean or inserting new records. The search panel includes fields for NAME, COUNTRY, OPERATOR, MRI CATEGORY, MRI SUBCATEGORY, MRI TYPE, OPERATING AREAS, and DISCIPLINES. There are buttons for 'DISPLAY RESULTS ON THE MAP', 'DISPLAY RESULTS ON A TABLE', and 'RESET'. At the bottom left, there are links for 'About the database', 'Search tips', 'Technical Notes', and 'Disclaimer'. The main area is a map of Europe and the surrounding regions, with red shield icons indicating the locations of marine research infrastructures. The map is labeled with various countries and bodies of water like the North Sea, Bay of Biscay, and Black Sea. At the bottom right of the map, there is a small attribution for 'Mapbox © OpenStreetMap Improve this map'.

- foster all forms of marine research infrastructures, joint actions and open access information sources
- ~ 887 Marine Research Infrastructures all over Europe

Knowledge Management

EurOcean_KG

www.kg.eurocean.org



- ~ 4400 European Marine Science and Technology Projects and 1800 Knowledge Outputs from 80 sources
- Search of projects & Knowledge Outputs related to MFSD

Knowledge Management

Supporting the Implementation of MSFD



STAGES
Science and Technology Advancing Governance of Good Environmental Status

Research Harnessing Recommendations:
A way to enhance access
to European and National
public funded research
with relevance
for MSFD implementation

By STAGES - June 2014

STAGES addressed the structural aspects of transferring knowledge from science to policy and decision making in support of MSFD.

Key objective, led by EurOcean, was to identify and collect any public funded research across Europe that can assist MSFD implementation and make it widely available / easily accessible to a wide range of Stakeholders.

Knowledge Management

Supporting the Implementation of MSFD



- Non-comprehensive statistical overview of the MSFD-related research in Europe.
- Additional insight into the participation in MSFD-related research of 25 European coastal countries.
- Statistics based on relevant indicators, such as **Funding Source** (EU and national levels), **Marine Regions**, and **Good Environmental Status (GES) Descriptors**.

Knowledge Management

Supporting the Implementation of MSFD



- Insight into by country participation in public funding research in relevance to the implementation of the MSFD.
- Highlighting the need of making scientific knowledge available, to establish further research needs for MSFD implementation to different Audiences : EC and national bodies dealing, National Research Funding and Performing Organisations (RFPOs).

Ocean Literacy



Development and implementation of
EUROFLEETS education
activity on board the *Vera Cruz* (caravel
replica from the 16th century)



Towards a blue Society
Towards a new society



SFS consultation
process



EurOcean in Projects



Thank you
for your attention

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