

EUROFLEETS⁺

Presenter Name: Bernadette Ní Chonghaile



This project has received funding
from the EU H2020 research and
innovation programme under
Grant Agreement No 824077





42 Partners
9.9M € Budget



27 Research Vessels, 7
ROVs, 5 AUV's and 1
Mobile telepresence unit



Coordinator:
Marine Institute



Duration: 48 Months
2019 -2023



Web: www.Eurofleets.eu



Email: eurofleetsplus@marine.ie



97 Deliverables
25 Milestones



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Eurofleets+

An alliance of European marine research infrastructure
to meet the evolving needs of the research and industrial communities





EUROFLEETS+ Kick Off Meeting March 2019





EUROFLEETS+ PARTNERS



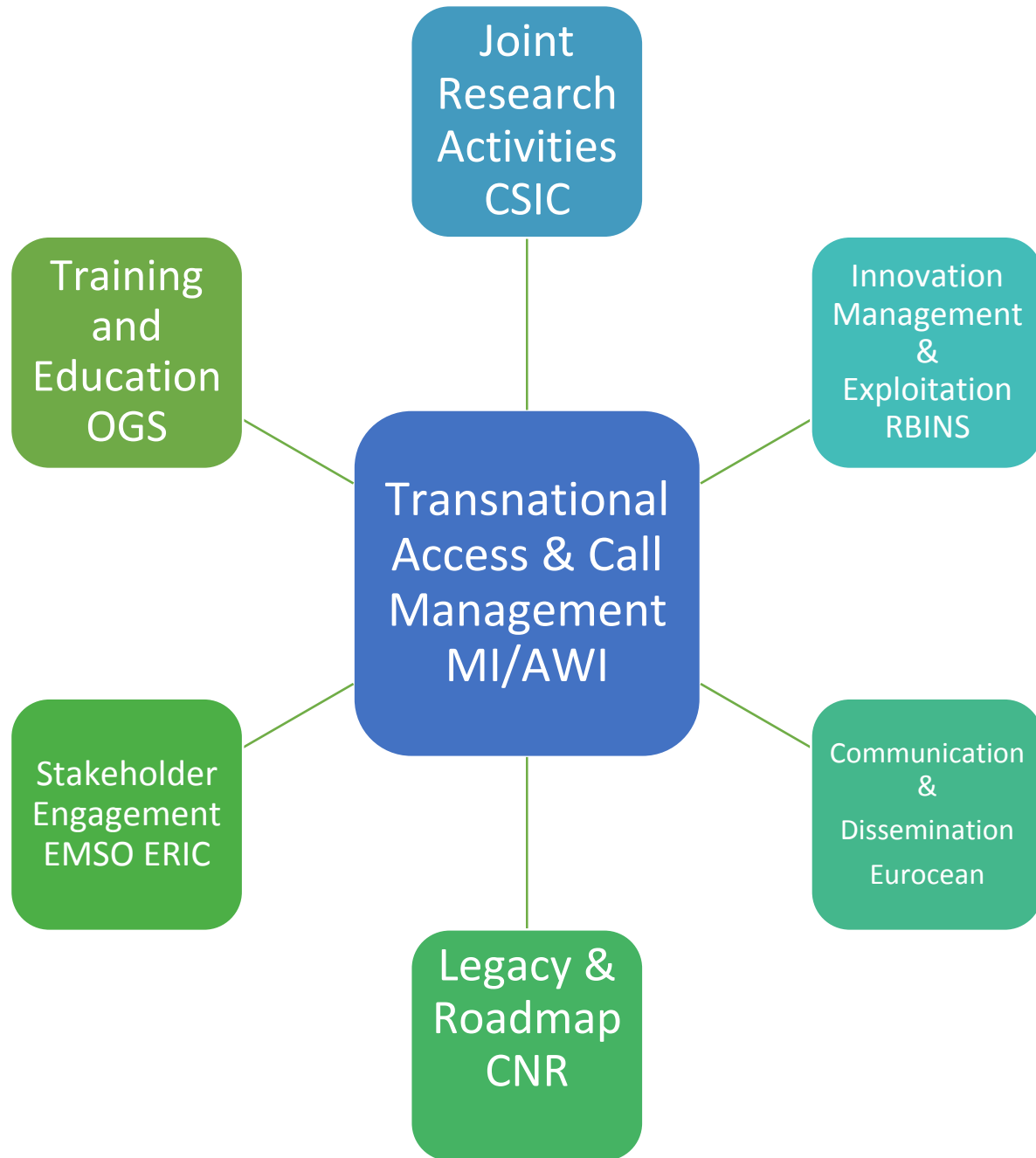
- Ireland
- France
- Spain
- Portugal
- Canada
- USA
- Bermuda
- United Kingdom
- Finland
- Sweden
- Romania
- Belgium
- Denmark
- Estonia
- Faroe Islands
- Germany
- Greece
- Greenland
- Iceland
- The Netherlands
- Poland
- Italy
- Turkey
- Norway

Eurofleets+ website www.eurofleets.eu





Key Activity Areas





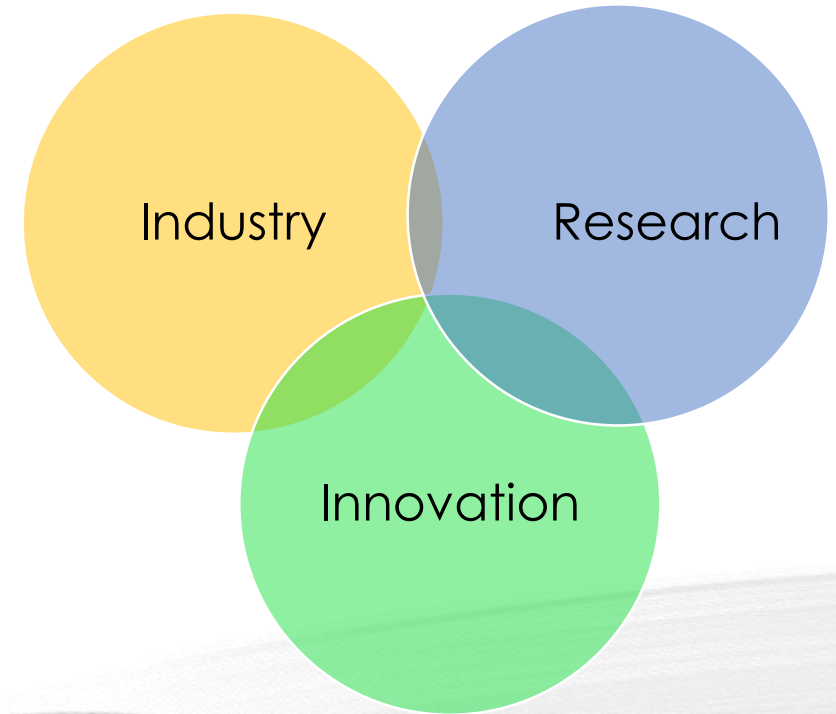
Eurofleets+ Objectives

- Open access to an integrated and advanced research vessel fleet **27 research vessels** (13 Global/Ocean and 14 Regional), **7 ROVs**, **5 AUVs**, and a **telepresence unit**
- Enabling researchers to access the **North Atlantic, Mediterranean, Black, North & Baltic Seas, Pacific Southern Ocean** and **Ross Sea**
- Priority given to research on sustainable, clean and healthy oceans
- Linking with existing ocean observation infrastructures
- **Support innovation** through working closely with industry
- **Training & Education** – emerging scientists, technicians
- Stakeholder Engagement & Legacy Road Map



EUROFLEETS+ IMPACTS

- Wider, simplified & more efficient access to new more advanced research infrastructure services enabling leading edge research
- Reinforced partnerships between research institutes and industry
- Development of synergies and complimentary capabilities across related research infrastructures
- Education of the next generation of researchers
- Better management of the data collected

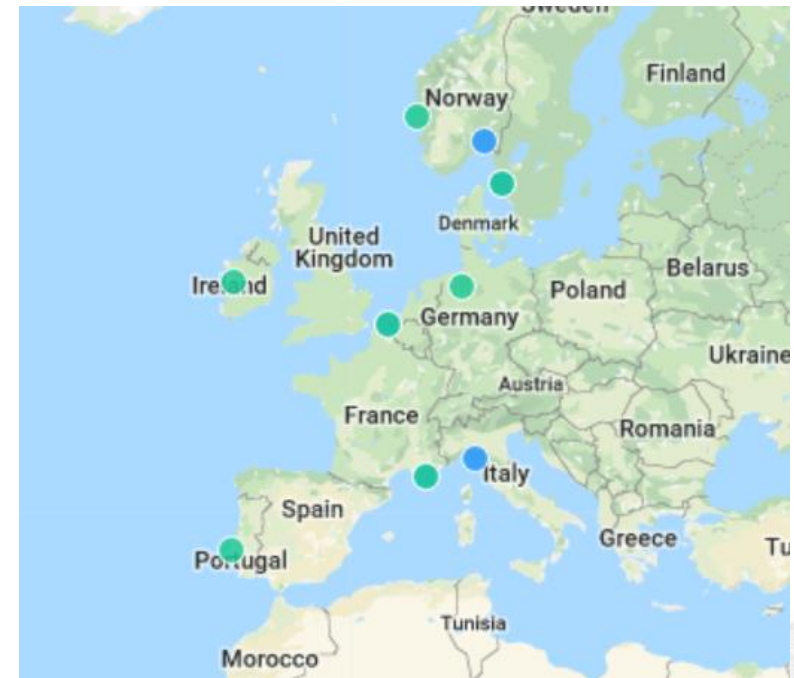
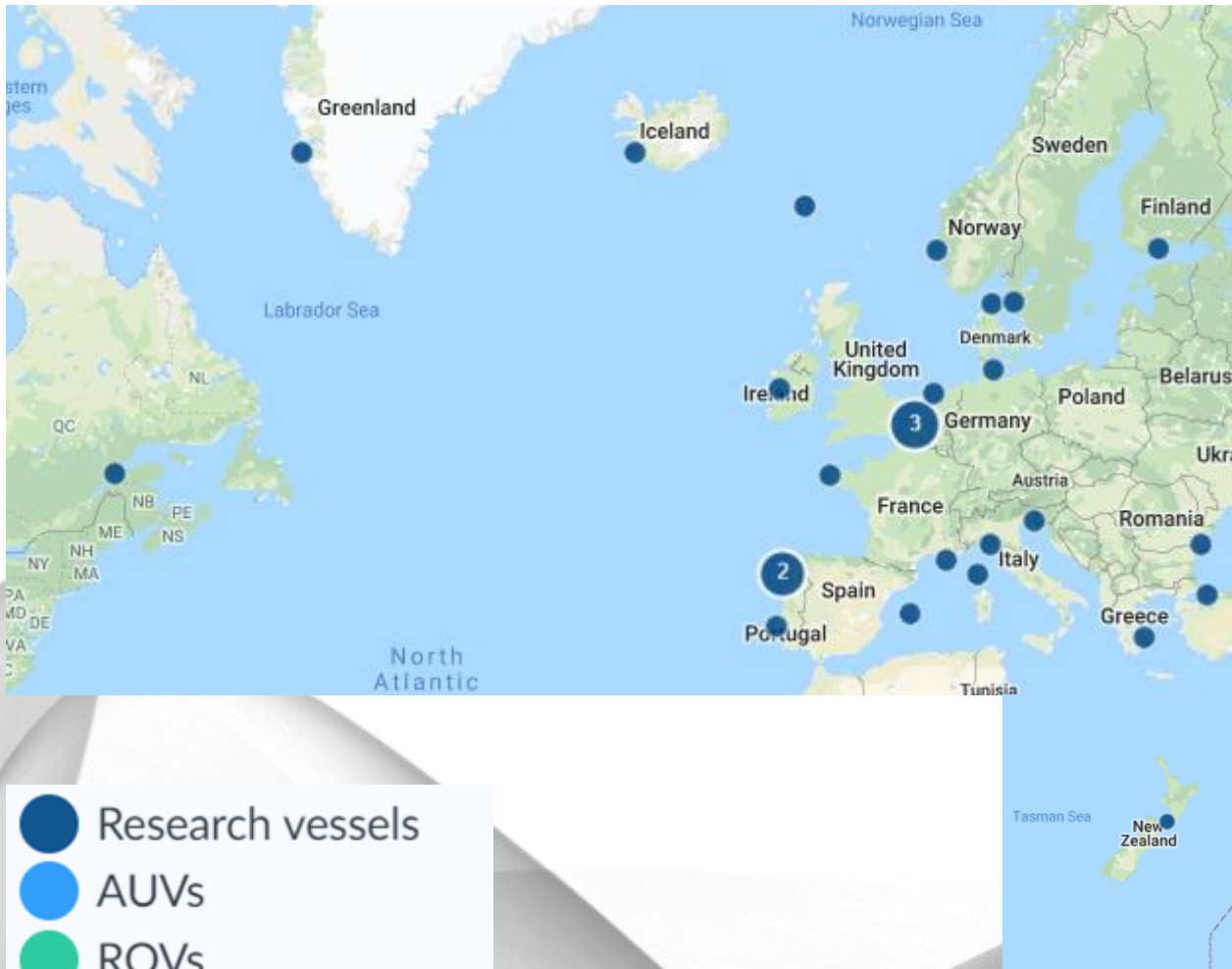




EUROFLEETS+ INFRASTRUCTURE

Eurofleets + Vessel Locations

Eurofleets + Marine Equipment





ACCESS Calls

SEA PROGRAMME

- **"Oceans" Call** (ocean going vessels)
 - Call opened: **26th of June 2019**
 - Call closes: **27th of September 2019 – Tomorrow!**
- **"Regional" Call** (regional seas vessels)
 - Call opens: November 25th 2019
 - Call closes: February 28th 2020

CO-PI and RTA: opens in November 2019 (Running Call)



Co-PI and RTA Access

CO-PI programme:

- Aimed at early career researchers to implement their own research together with the SEA calls. Access of 2-3 days, attached to an Eurofleets+ cruise
- Running call, opening autumn 2019

RTA – Remote Transnational Access:

- Remote access to samples or data from a Eurofleets+ vessel
- Running call, opening autumn 2019

SEA CALL "OCEANS"



RV Sanna
GRONLANDS - Greenland



RV Arni Freidrikson
HAFRA – Iceland



RV G.O. Sars
HAVFO - Norway



RV Coriolis II
UQAR - Canada



RV Magnus Heinason
HAVST – Faroe
Islands



*RV Celtic
Explorer*
MI - Ireland



RV Mar Portugal
IPMA - Portugal



RV Thalassa
IFREMER – France



RV Atlantic Explorer
BIOS - Bermuda



RV Dana
DTU – Denmark

5 to 17 days
of ship-time



RV Tangaroa
NIWA – New Zealand



RV Ramon Margalef
IEO - Spain



RV Pelagia
NIOZ - Netherlands



RV Alliance
NATO-CMRE – Italy

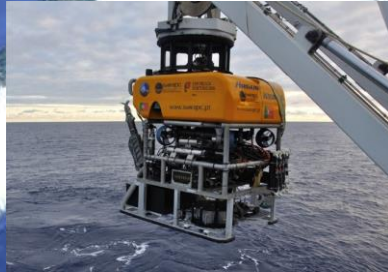
SEA CALL "OCEANS"



Telepresence Unit
GFOE - USA



HOLLAND 1 ROV
MI - Ireland



ROV LUSO
IPMA - Portugal



Ægir 6000 ROV
HAVFO - Norway



AUV Hugin
HAVFO - Norway

8-20 days
of marine
equipment



ROV MARUM Squid
UB - Germany



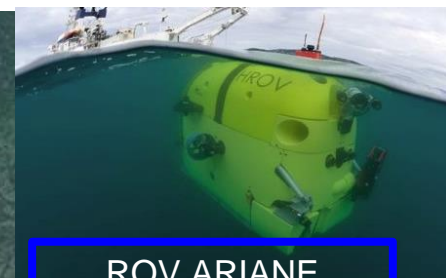
ROV GENESIS
VLIZ - Belgium



AUV Hugin
UGOT - Sweden



Ocean Modules V8
offshore ROV
UGOT - Sweden



ROV ARIANE
Ifremer - France

SEA CALL "REGIONAL"



AUV VLIZ
VLIZ - Belgium



Glider "Teresa"
CNR - Italy



AUV AsterX
IFREMER - France

SEA CALL "REGIONAL"



RV Sarmiento de Gamboa
CSIC - Spain



RV Alkor
GEOMAR - Germany



RV Skagerak
UGOT - Sweden



RV Simon Stevin
VLIZ - Belgium



RV Belgica
RBINS - Belgium



RV Aranda- SYKE
MRC - Finland



RV Mare Nigrum
GEOECOMAR - Romania



RV Aegeo
HCMR - Greece



RV Tubitak Marmara
TUBITAK - Turkey



RV Angeles Alvarino
IEO - Spain



RV Socib
SOCIB - Spain



RV L'Europe
IFREMER - Spain



RV Laura Bassi
OGS - Italy



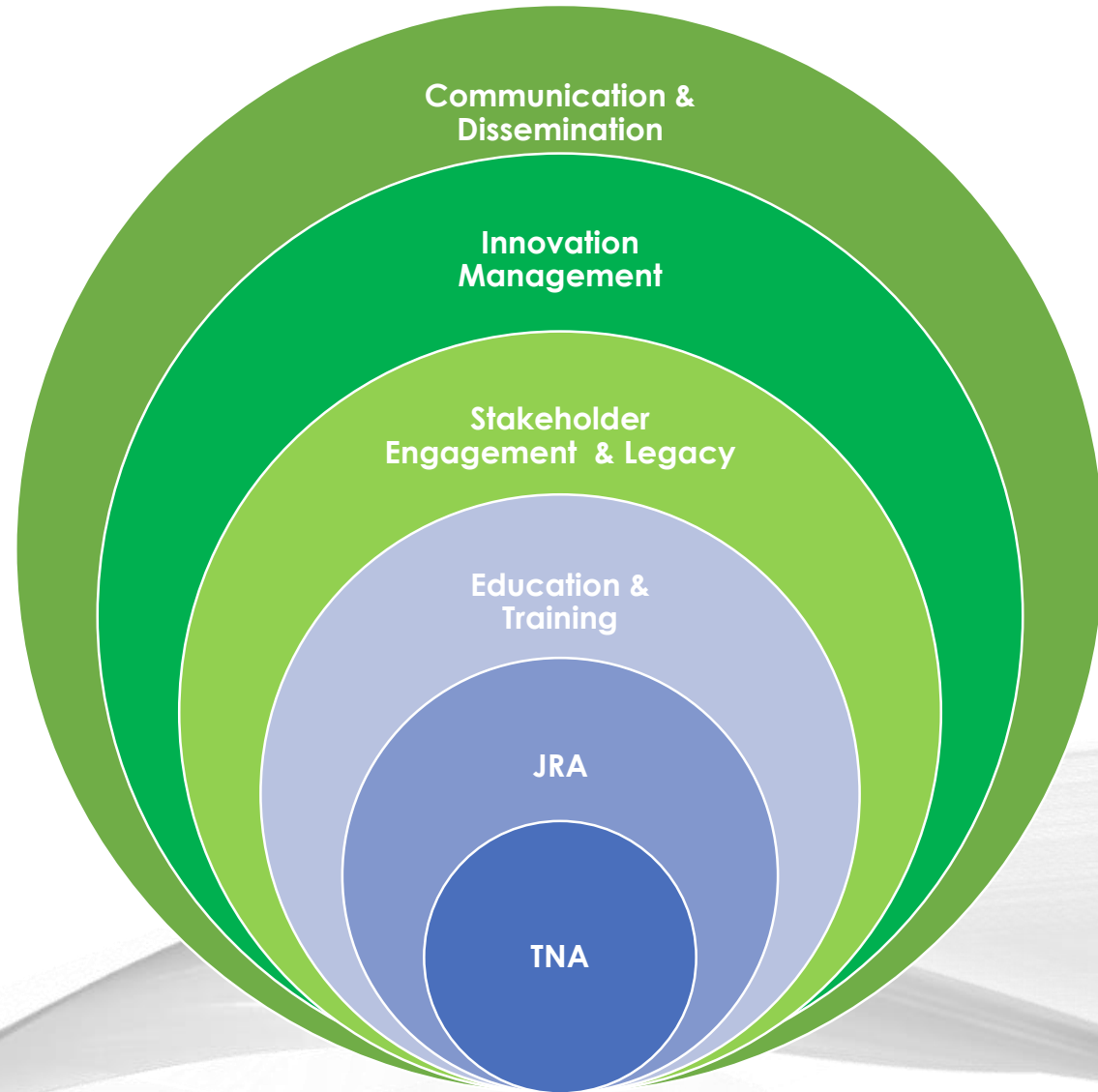
JOINT RESEARCH ACTIVITIES

- Developing new interoperable tools and technologies in support of deep water operations. (McCartney, Seaonics, HAMPIÐJAN)
- New technologies for AUV/ASV (Aqua Robotics, Coronis)
- Optimizing solutions for telepresence and real-time data transfer (e-access) (Voyager IP, GFOE)
- Reviewing and upgrading the suite of shipboard software and services and advancing access to acquired data (Maris)



CONCLUSION

- Wider Access to Research Vessels
- Foster Innovation – Co Create
- Development of synergies and complimentary capabilities across RVs and Stakeholders
- Education of the next generation of researchers
- Better management of the data acquired



THANK YOU

www.eurofleets.eu



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