



The dynamics of innovation



Brest_Iroise



TechnopoleBrest



La dynamique de l'innovation
au service du territoire

Creation: a tool to face economic crisis



Naval shipyard crisis:
1,500 job cuts, riots

Rallying Brest stakeholders (111)

- Training
- Research,
- Businesses
- Local authorities

Building the site



Defense
restructuring:
2,000+ job cuts,
riots...

1985-1988

1990

1991+

1996

Local will to organise
the conversion of
Brest

1988: decision to
create a Technopôle

Definition of the 1st
strategic plan



Support to DCN
(Naval Group) to
diversify (offshore)

2nd strategic plan

Technopôle Brest-Iroise today

Both a site and...



...a legal entity



- 🎯 Support the business creation & development
- 🎯 Reinforce and promote competencies
- 🎯 Encourage networking & develop partnerships

268 acres at the West of Brest

✈️ 15'
🏠 15'

6,300 people

- ✓ 2,600 in businesses
- ✓ 2,100 students
- ✓ 900 researchers
- ✓ 700 administrative staff

Business incubators

Flagship organisations:



Technopôle Brest-Iroise today

3 departments



**Business creation
& development**

108 new contacts

15 business creations

*61 existing business
supported*



**Ocean
community**

40,400 jobs

2,720 organisations

1,600 students

730 researchers



**IT / Digital
community**

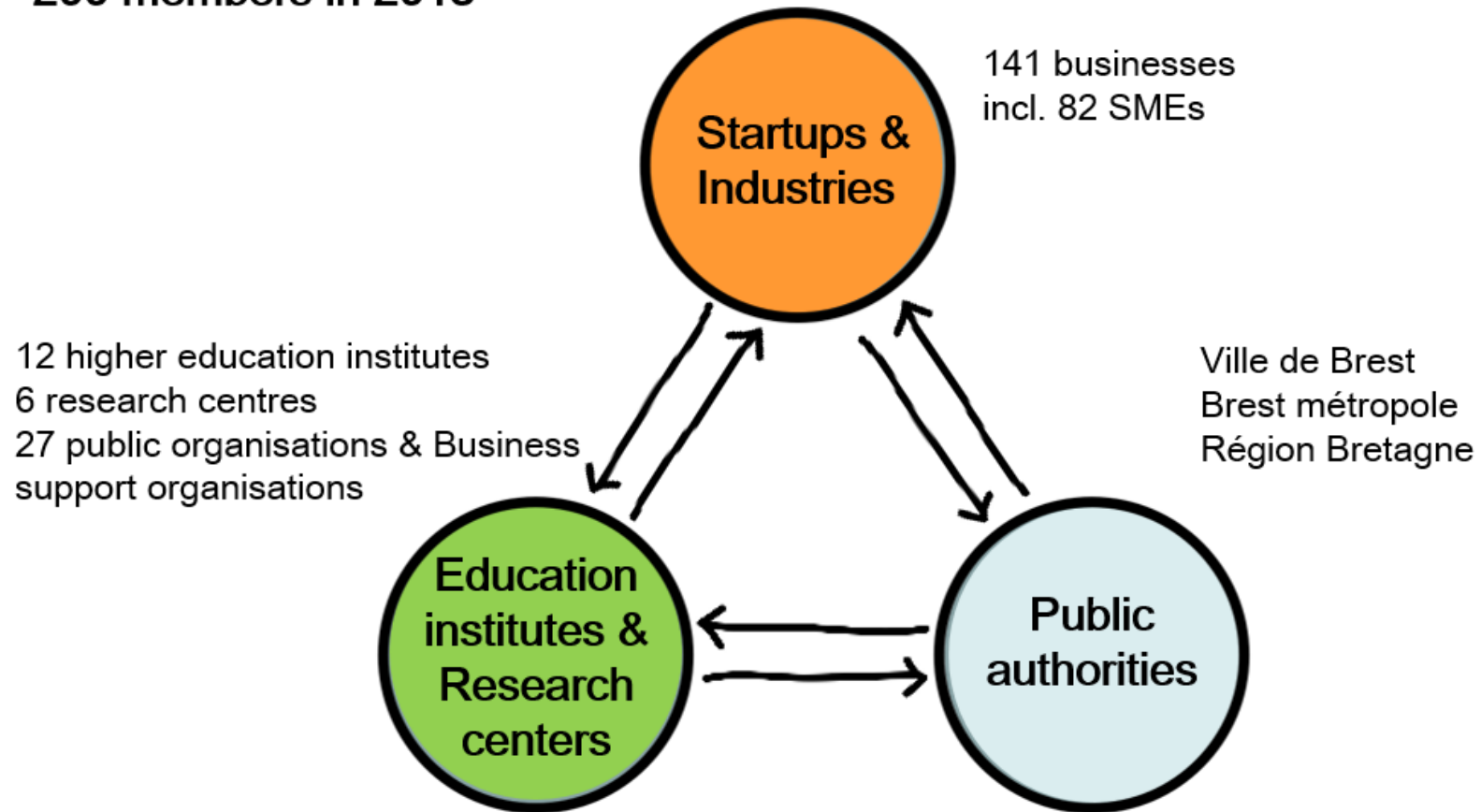
16,000 jobs

1,620 organisations

*€ 31M raised funds
between 2011 and 2014
by less than 5 years old
companies*

Members

200 members in 2018



Governance



CHAIRMAN

Michel Gourtay
Vice-President Brest métropole

EXECUTIVE COMMITTEE

Chairman
4 Vice-chairmen
1 Treasurer
1 Secretary

BOARD OF DIRECTORS

Public authorities (4)
University and Grandes Ecoles (5)
Business support organisations (3)
Research centres (3)
Businesses (15)



200 MEMBERS

CAMPUS MONDIAL DE LA MER

Spearheading
the blue economy

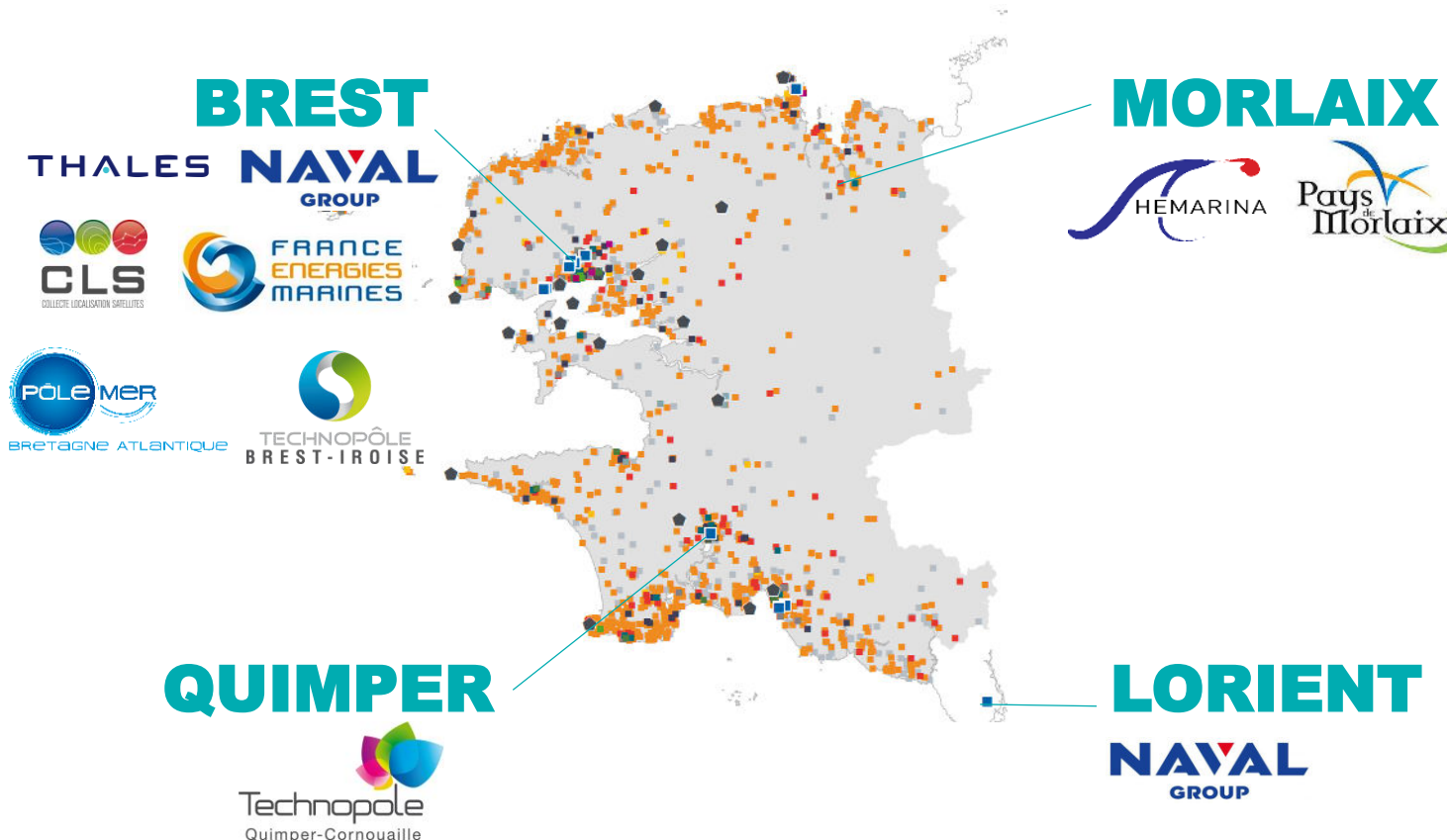


WHO WE ARE

France's first community devoted to understanding and developing marine resources

40,400 jobs

2,720 organizations



#research

#education

#innovation

CAMPUS
MONDIAL
DE LA **MER**

WHO WE ARE

France's first community devoted to **understanding**
and developing marine resources

24 research units

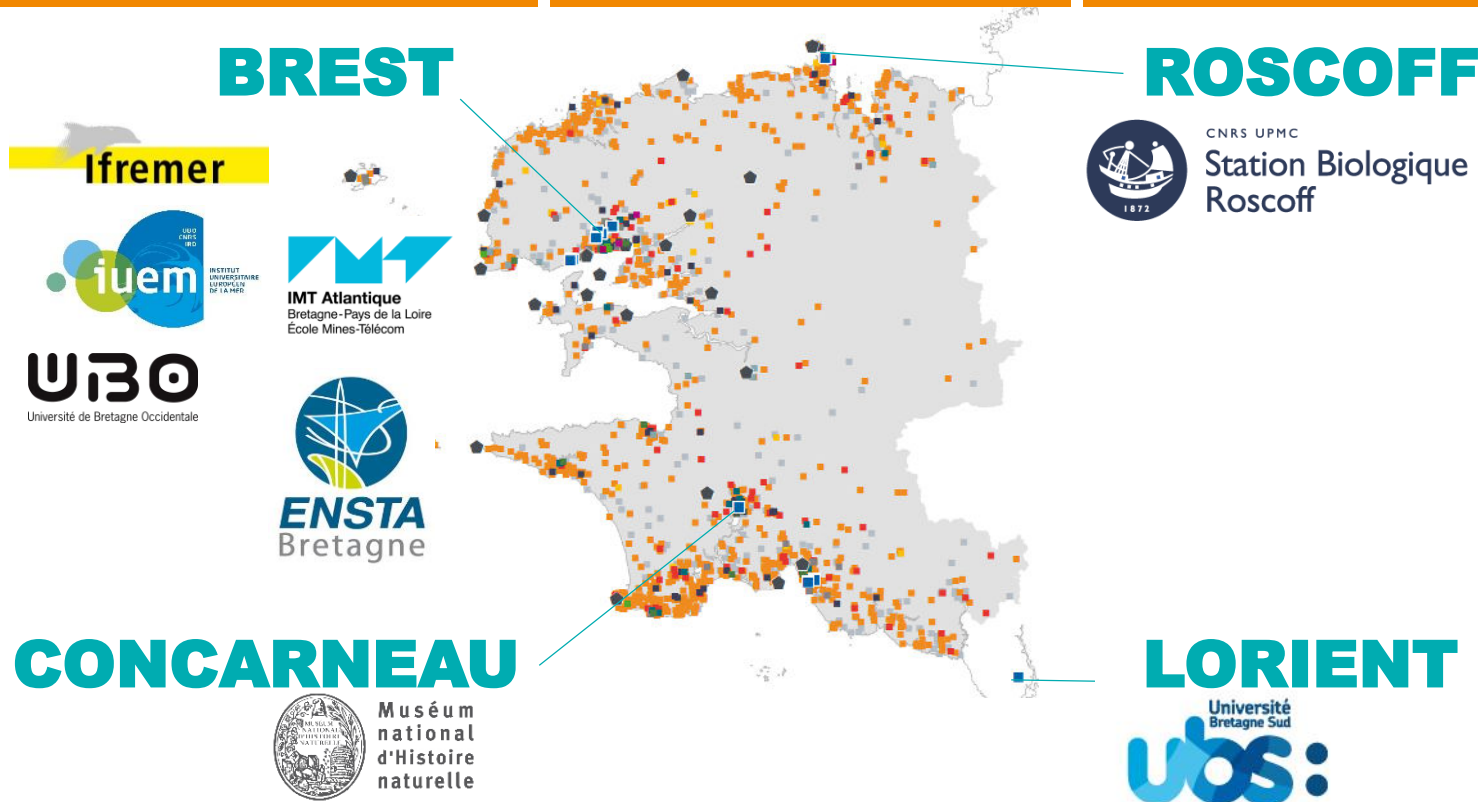
730 researchers

1,600 students

40,400 jobs

2,720 organizations

1,000 publications/year



#research

#education

#innovation

CAMPUS
MONDIAL
DE LA **MER**

WHO WE ARE

France's first community devoted to **understanding and developing marine resources**

Established areas of excellence:

- Defense (submarine warfare, electronic warfare)
- Maritime security (cybersecurity)
- Shipbuilding and leisure boatbuilding
- Ship repair and naval engineering
- Fishing and aquaculture
- Oceanography and knowledge of coastal areas
- Marine biology and ecology
- Marine applied communication and space observation technologies
- Deep-ocean exploration and associated technologies

#multidisciplinary

CAMPUS
MONDIAL
DE LA **MER**

© O. Dugornay / Ifremer

WHO WE ARE

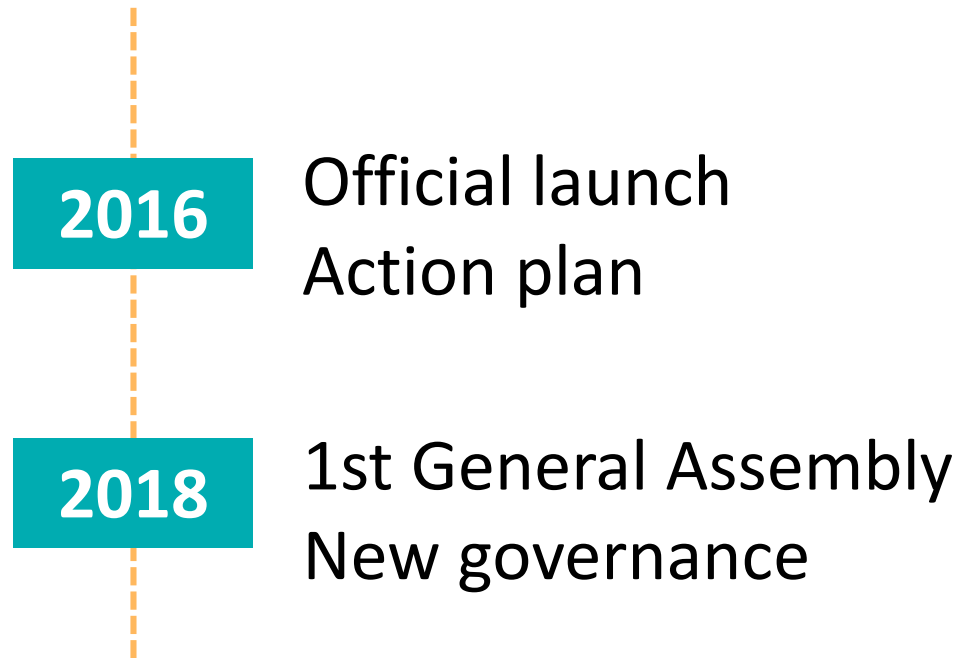
France's first community devoted to **understanding and developing marine resources**

Having built a **solid reputation at European level**, this community is founded on established areas of excellence, an interdisciplinary culture and a long tradition of collaboration.

Its strength lies in the **complementary nature of its network**, comprising academics, scientists and economic and institutional stakeholders who work in the field of marine science and technology and the maritime economy.

WHO WE ARE

France's first community devoted to understanding and developing marine resources



OUR AMBITION

Our ambition is **to give a response** to the challenges of sustainable development and the blue economy.

Make Brest and Brittany one of the most important places for the **study and promotion of Oceans & a strong maritime economy.**

ISSUES

To strengthen connection between students, researchers, businesses and entrepreneurs to create a community of talented individuals committed to drive new ideas and opportunities for collaboration

To promote the community at international level to impulse new activities, growth and attractiveness

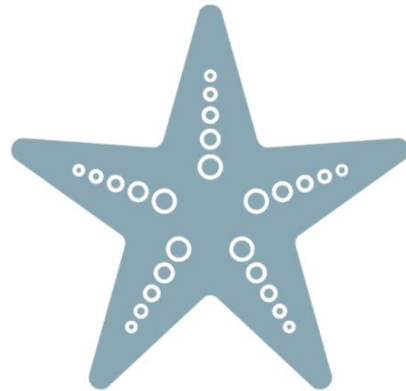
OUR MISSIONS

To observe,
to anticipate
and to ensure the watch

1

To promote
the community

5



2

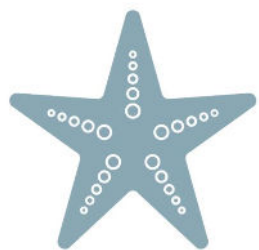
To animate,
to create synergies
and bring out projects

3

To host events,
to welcome researchers,
workers and
project leaders

4

To share
knowledge about marine
science and technology



1 To observe, to anticipate and to ensure the watch

OECD INNOVATION NETWORKS



Oslo, May 2019



2 To animate, to create synergies and bring out projects

OCEAN HACKATHON

- Multidisciplinary
- Provision of marine data
- Collective added value





2 To animate, to create synergies and bring out projects

OCEAN HACKATHON



- 2019: 4th edition
- National deployment in 8 cities

See you in 2020!



2 To animate, to create synergies and bring out projects

**INNOVATIVE CLUSTER
ALLOHA**



Advanced Living lab for
Ocean Hacks



- Data Driven innovation for Ocean Sustainability
- Collaborative space conducive to the emergence of proofs of concept





2 To animate, to create synergies and bring out projects

MARINE RESEARCH INFRASTRUCTURES AND FACILITIES

An extensive set of infrastructures and facilities devoted to marine science and technology



WWW.INFRAS-CAMPUSMER.FR



CAMPUS MER
MONDIAL DE LA
RESEARCH INFRASTRUCTURE AND FACILITIES PORTAL

Take advantage of the skills and support from the Brest and Brittany experts!
Discover what France's first community devoted to marine science and technologies has to offer to business and research teams.

SEARCH

[Advanced search](#)

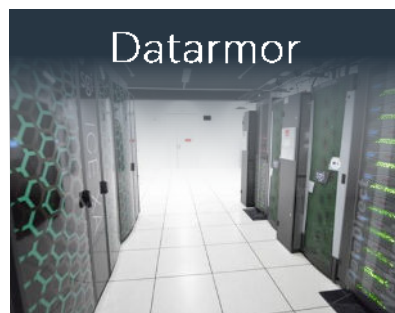
5	Recognised research infrastructures	12	Private companies
75	Platforms	50	Public research establishments and teams
369	Pieces of equipment	335	Services on offer

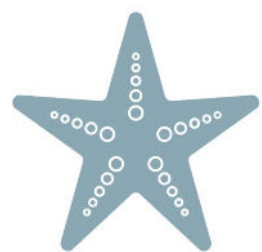


2 To animate, to create synergies and bring out projects

MARINE RESEARCH INFRASTRUCTURES AND FACILITIES

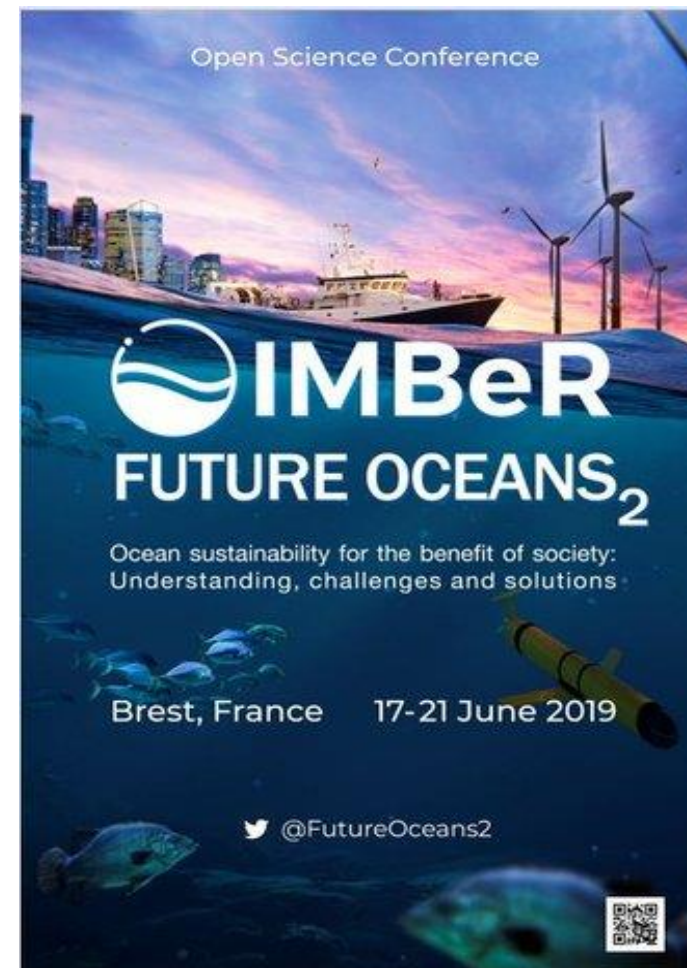
An extensive set of infrastructures and facilities devoted to marine science and technology





3 To host events, to welcome researchers, workers and project leaders

WE APPLY TO HOST INTERNATIONAL EVENTS





4 To share knowledge about marine science and technology

OCEAN UNIVERSITY INITIATIVE



UNU-Oceans

ISBLUE



Interdisciplinary
graduate school for
the blue planet

SEA-EU: EUROPEAN UNIVERSITY

- University of Cadiz (Spain)
- [University of Western Brittany \(UBO\)](#)
- University of Split (Croatia)
- University of Malta
- University of Kiel (Germany)
- University of Gdansk (Poland)



4 To share knowledge about marine science and technology

70.8



- A new place for the discovery of ocean science and technologies
- General public
- Spring 2020

5 To promote the community

SEA TECH WEEK ORGANIZATION

- 1,000 participants in 2018
- 2020: Observation,
featured country: Australia





5 To promote the community

INTERNATIONAL COOPERATIONS



Canada/Québec



UK



India



Norway

A large yellow offshore platform, possibly a wind turbine or wave energy converter, is being tested in a wave tank. The platform is partially submerged in dark blue water with white-capped waves. A man in a dark sweater and jeans stands on a platform to the left, providing a sense of scale. The background shows the industrial structure of the wave tank with wooden beams and a yellow crane.

CONTACT

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