EurOcean is an independent, non-profit, scientific organization with the mission to support advances in European marine science and technology, by fostering information exchange, interaction and innovation among its network members, the ocean community and broader society.

Founded in 2002, through the collaboration of the Portuguese Foundation for Science and Technology (FCT), and the French Research Institute for Exploitation of the Sea (IFREMER), EurOcean has a Europe-wide network of 19 organisations, accounting for 12 full members and seven cooperating members. Full members are European marine research, innovation and entrepreneurship, funding and outreach organisations. Cooperating members are organisations with a regional or global reach involved in activities complementary to those of EurOcean.
Dear colleagues and friends,

EurOcean, our network, is evolving and responding to the new paradigms of science. Many steps have been taken during the last year to modernize the organization and to increase its added value to its stakeholders. Never before has the organisation been so appealing for new members and partnerships, and never before has joining forces with organisations like this been so important.

I do hope that, in 2022, EurOcean manages to expand, further the network and partnerships, and become even more relevant, for which I have worked so hard in the last few years. It is very important that all ocean stakeholders work together to address the challenges we are all facing, and in which EurOcean is connecting the dots.

As the UN Secretary-General said, there is no planet B. Despite the ongoing pandemic, we cannot forget that the threat posed to our civilization by climate change has not paused. We need to continue working hard towards the Paris Agreement objectives and the Sustainable Development Goals objectives in this new Decade of Ocean Science. There is no science without networking and there is no change without increasing environmental literacy and awareness at large, which is the cornerstone for the much-needed sustainable behaviours, technology and economics.

The essence of EurOcean is to develop a network of excellence and to promote cooperation, collaboration and information sharing among its members – research institutions, governmental organizations, industry - and with society in general. Therefore, EurOcean’s role is more important than ever before, that all of us members and staff, will take to the future together.

It is very important that all ocean stakeholders work together to address the challenges we are all facing, and in which EurOcean is connecting the dots.

Another year has passed, highly influenced by COVID. Working from home has become the norm, to protect our families, loved ones and ourselves. Although expected, cancelled and postponed activities are always tough news. The integration of new team members is harder, and high-tech will never replace human interaction. Without the need to commute we gained time tie for our families, for ourselves, and for work too. But it became harder to separate personal and professional lives now that they share the same space. Things will never be the same again. But do we really want that? EurOcean is not only exploiting a new working paradigm, but also new ways of networking and doing science communication. Something good will come out of this. No doubt about it.

Despite the circumstances, we managed to continue adding value for our members, developing our network, and increasing our visibility and relevance. Financially, EurOcean achieved unprecedented results, which will largely contribute to our sustainability and mission. Our continuous improvement mindset led us to enhance some of our processes and tools, which will make us even more efficient and effective. We are ready to grow. Last, but not least, two new staff members have joined our team. Welcome aboard, Sara and Francisco. We are going from strength to strength.

All in all, EurOcean has adapted and is overcoming the challenges of the dire moments we are all going through. By only looking at the numbers, we would never say this was a pandemic year. But this is just another example of what a highly motivated, competent, focused and determined team can achieve. Looking forward for 2022, and particularly for the much expected UN Decade Ocean Conference in Lisbon. May this “tsunami” of ocean science “wash away” the pandemic.

It is very important that all ocean stakeholders work together to address the challenges we are all facing, and in which EurOcean is connecting the dots.

Our continuous improvement mindset led us to enhance some of our processes and tools, which will make us even more efficient and effective. We are ready to grow.
AT A GLANCE

The Centre
Membership
Full Members
Cooperating Members
THE CENTRE

Main Areas of Expertise

3 Nationalities
6 Experts
7 Projects (*)

(*) Marine science and technology research projects in 2021, as a partner
11 Countries  +150 Infrastructures (1)  +3,150 Researchers (2)  +400 Projects (3)

(1) Marine science and technology research infrastructures owned or supported.
(2) Researchers employed or supported involved in marine science and technology initiatives.
(3) Marine science and technology research projects in the last 5 years (2015 - 2020) as partner or funder.

MAIN AREAS OF EXPERTISE

Blue Biotechnology  Noise and Plastics Pollution  Sensors and Sensing  Big Data
Artificial Intelligence  Circular Economy  Autonomous Vehicles  Youth Engagement
Tsunami Prediction  Vessel Energy Efficiency  Ecological Risk Assessment  Ecosystem Services

Biodiversity and Environmental Stressors  History and Cultural Heritage in Coastal and Maritime Regions  Marine Spatial Planning  Cumulative Effects and Impact Assessment
Blue Economy  Fisheries Sustainability and Seafood Value Chain  Aquaculture  Citizen Science
Marine Renewable Energy  Climate Change  Polar Research  Geo-archaeology
Alternative Resources  Ocean Monitoring  Research Vessels and Observatories  Multi-uses of the Sea
Acoustic Telemetry and Animal Tracking  Underwater Munition  Human and Ocean Health  Ecosystem Services

COOPERATING MEMBERS

11 Countries

+500 Infrastructures *(1)*

+800 Researchers *(2)*

+65 Projects *(3)*

+80 Organisations *(4)*

(1) Marine science and technology research infrastructures owned or supported.
(2) Researchers employed or supported involved in marine science and technology initiatives.
(3) Marine science and technology research projects in the last 5 years (2015 - 2020) as partner or funder.
(4) Associated organisations (i.e. network members).

MAIN AREAS OF EXPERTISE

Outreach Monitoring

Maritime Affairs

Cohesion Policy

Ship Repair, Shipbuilding and Naval Engineering

Fisheries and Aquaculture

Marine Biology, Ecology and Oceanography

Transport and Accessibility

Tourism

Climate

Knowledge of Coastal Areas

Plastics in a Circular Economy

Education and Training

Marine Energy

Deep-ocean Exploration

Migration

Submarine Warfare

Ocean Governance

Electronic Warfare

Maritime Security

Marine Applied Communication

Space Observation Technologies

Migration

Electronic Warfare

Space Observation Technologies

Education and Training
MEMBERSHIP AND COLLABORATION

Activities and opportunities for members

- Provision of bespoke information
- Up to 20 research and development opportunities
- Development of GREENAGERS H2020 proposal lead by EurOcean and involving several EurOcean’s Members, including CESAM, CNR, IEO, IOPAN, SUBMARINER Network

Dissemination and promotion of Members

- Promotion of Member’s activities through website, social media and newsletter
- Organisation and promotion of the “I live by the Sea” contest in direct collaboration with IOPAN

Partnerships and Collaborations

- Collaboration with Ocean InfoHub on the submission of a workshop for the “European Maritime Day” and of an abstract for “International Ocean Data Conference 2022”
- Collaboration with ATIN-BLUECO under the participation in the stakeholders group
- Collaboration with DG Mare based on the provision of information from KG and RID
- Partnership with TRANSITION2BIO on the development of a workshop on Blue Economy to be hosted by EurOcean in 2022.
- Participation in European Maritime Day 2021 through EU4Ocean coalition
- Development of GREENAGERS H2020 proposal lead by EurOcean and involving several EurOcean’s Members, including CESAM, CNR, IEO, IOPAN, SUBMARINER Network
INFORMATION MANAGEMENT

Knowledge Gate

A repository of information about marine science and technology research and innovation projects funded by the European Union and the Member States programmes (FP7, H2020, INTEREG IV, INTEREG V, LIFE, FP6, INTERREG III).

Research Infrastructures Database

A repository of information (technical, scientific and operational) about European marine science and technology research infrastructures (research vessels, underwater vehicles and large equipment, mobile ocean observatories, satellites for sea and ocean observation, flumes and test labs for ocean engineering, marine biology stations, fixed point open ocean observatories, aquaculture research facilities, marine neocosms facilities, in situ tests for ocean renewable energy, deep ocean drilling research facilities, marine data providers, basins, coastal observatories).

2007 MoP 2012 KG 1.0 2013 KG 2.0 2019 KG 3.0

2006 Large Exchangeable Infrastructures (LEXI) - Research Vessels (RV)
2010 Aquaculture Facilities (AF)
2014 Research Infrastructures Database (RID) 1.0
2019 Research Infrastructures Database (RID) 2.0

2021

7 European Programmes
+3,000 Projects
+2,000 Knowledge Outputs
+1000 Infrastructures
+177 Vessels (including 91 ERVO)
+35 Countries
+144 LEXI

+7,600 Participants
6 Billion Euro in Funding
120 Countries
15 Categories
COMMUNICATION AND NETWORKING

Website & Social Media reach (%)

<table>
<thead>
<tr>
<th></th>
<th>ON USERS</th>
<th>IN POSTS</th>
<th>FOLLOWERS</th>
<th>IN REACH</th>
<th>IMPRESSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>-20</td>
<td>+0.3</td>
<td>+78</td>
<td>+49</td>
<td>-29</td>
<td></td>
</tr>
<tr>
<td>-25</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-33</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Participation in 2021 European Maritime Day through EU4Ocean Coalition
- Provision of authoritative advice to ATIN-BLUECO through the participation in the stakeholders group
- Co-organisation of the 2021 “I Live By the Sea” photo and video contest
- Publication of an article in ECO Magazine Special Issue, about Ocean Literacy and the EU4Ocean contribution to the Ocean Decade
- Participation as speaker on the III Belgian – Portuguese Routes for Blue Economy
- RID presentation at EMODNET, EUROGOOS and ERVO
PROJECTS

AANCHOR
ALL-ATLANTIC COOPERATION FOR OCEAN RESEARCH AND INNOVATION
Aim: To support the implementation of the Belém Statement by building the All-Atlantic Ocean Research Community and to identify concrete collaborative research and innovation activities across the whole Atlantic basin, from pole to pole.
Roles: WP 9 leader - Communication and dissemination.
Major Achievements:
- Development of three-month communication strategy and implementation of revised communication strategy
- Development of six videos on All-Atlantic Pilot Join Actions

INTEGRATED ARCTIC OBSERVATION SYSTEM
Aim: To develop an efficient integrated Arctic Observation System by extending, improving and unifying existing and evolving systems in the different regions of the Arctic.
Roles: WP 7 co-leader - Communication and dissemination.
Task 1.3 leader: Collaboration development and establishment of Pan-Arctic Observing Forum.
Major Achievements:
- Coordination of the development of e-learning modules
- Participation in EU Polar Cluster Meetings

INTEGRALE
CATRIS
CATALOGUE OF RESEARCH INFRASTRUCTURE SERVICES
Aim: To develop an open, trusted and user-friendly portal to a harmonised and aggregated catalogue of services and resources provided by Research Infrastructures (RI) and Core Facilities (CF) across Europe.
Roles: WP 6 leader: Communication, dissemination and exploitation
Major Achievements:
- Organisation of the CatRIS Official Portal Launch event
- Development of a final legacy report “CatRIS Outlook”

EUROFLEETS PLUS
AN ALLIANCE OF EUROPEAN MARINE RESEARCH INFRASTRUCTURE TO MEET THE EVOLVING NEEDS OF THE RESEARCH AND INDUSTRIAL COMMUNITIES
Aim: At facilitating open access to an integrated and advanced research vessel fleet, designed to meet the evolving and challenging needs of the user community.
Major Achievements:
- Support to the development of the common HBR Policy brief
- Upgrade of the Eurofleets+ website

MARINET 2
MARINE RENEWABLE INFRASTRUCTURE NETWORK FOR ENHANCING TECHNOLOGIES 2
Aim: This project builds upon the achievements of the advanced community created in MaRINET FP7.
MaRINET 2 will ensure the continued integration and enhancement of all leading European research infrastructure and facilities, specialising in research, development and testing of off-shore renewable energy systems including electrical sub systems and grid integration through a range of TRLs (1 - 7).
Role: EurOcean is deploying its Marine Research Infrastructures Database (RID) as part of this infrastructure.
Major Achievements:
- Continuous support on the maintenance of RID - Support on the dissemination of the last call and training opportunity

ECFAS
EUROPEAN COASTAL FLOOD AWARENESS SYSTEM
Aim: Develop a European Coastal Flood Awareness System, in the first instance as a proof-of-concept, with the aim of becoming one of Copernicus’ core Emergency Management Services. This project evaluates coastal flood risk contributing to a fully integrated risk cycle monitoring service.
Role: WP 7 Leader - Communication, dissemination, and exploitation
Major Achievements:
- Project kick off
- Development of the ECFAS visual identity, website
- Launch of social media and development of ECFAS video and brochure/infographic

NAUTILOS
NEW APPROACH TO UNDERWATER TECHNOLOGIES FOR INNOVATIVE, LOW-COST OCEAN OBSERVATION
Aim: To unlock the critical knowledge contained in the ocean over the coming decades, and to realize the mutual benefits of marine observation for all elements of a sustainable ocean.
Role: WP 10 leader – Outreach, communication and dissemination.
Major Achievements:
- Support to the development of the common HBR Policy brief
- Development of the first project video and infographic

allatlanticocean.org
interos.eu
project.catris.eu
eurofleets.eu
marinet2.eu
ecfas.eu
nautilos-h2020.eu
CESAM

Science-based knowledge contributed to the Decade of Ocean Sciences for Sustainable Development 2021-2030 through the participation of its members in Committees and Management Boards of different institutions and consortia. Some relevant examples are:

- Participation in the DOSI Minerals Working Group (WG), as co-Lead, that constitutes a broad spectrum of scientific, industry, economic, conservation, legal and policy expertise, providing expert opinion on deep-seabed mining related concerns.
- Participation at the International CORDEX (Coordinated Regional Downscaling Experiment) initiative, for Arctic and Antarctic domains, and belongs to the Scientific Committee on Antarctic Research Scientific Research Programme.
- Participation as Lead Author in the Intergovernmental Panel on Climate Change (IPCC) 6th Assessment Report WG 1: ‘Climate Change 2021: The Physical Science Basis’.
- Integration of an international team that took a major step in deep-sea exploration by sampling and filming one of the last truly remote and inaccessible environments on Earth, in the Arctic Ocean.
- A CESAM member was appointed by the National General Directorate for Natural Resources, Safety and Maritime Services (DGRM) as expert for the ‘WG on Monitoring, Trends and Effects of Substances in the Marine Environment’ - WG MIME - of the OSPAR Commission. Another member was appointed as Focal Point for the National Committee for the Decade of Ocean Sciences for Sustainable Development 2021-2030.

FCT

“Considering the field of Ocean Sciences in the year of 2021, five main achievements can be highlighted:

- Support to the first stages of implementation of six All-Atlantic Joint Actions contributing to the All-Atlantic Ocean Research priorities, through the coordination of the CSA-AANCHOR Project;
- Co-organization of the All-Atlantic2021 Conference, Azores, 2-4 June 2021, together with its side events and All-Atlantic Pledging Campaign;
- Involvement and support in the co-design of the Horizon Europe partnership “A climate neutral sustainable and productive Blue Economy” together with 19 other Portuguese public entities. FCT will be supporting FRCT coordination of the Joint transnational calls management;
- Contribution, with the Directorate General for Maritime Policy – DGPM, to an OECD survey to understand the marine data value chain in Portugal in scope of the OECD Working Group on Ocean Economy;
- Support of nominated national experts’ participation in international working groups as for example in scope of JPI Oceans Action Working Group on “Ocean Carbon Capacities” and of the European Marine Board Workings Groups on “Ocean Oxygen” and “Marine Habitat Mapping”.

In 2021, FRCT embraced a new challenge of coordinating the All-Atlantic2021 H2020 CSA project that led to the All-Atlantic R&D for a Sustainable Ocean Ministerial High-level & Stakeholders Conference, 2-4 June, Azores, under the Portuguese Presidency of the European Union Council and the European Commission.

The All-Atlantic2021 conference contributed to leveraging the All-Atlantic R&D Cooperation through two main legacy outputs: All-Atlantic Pledging platform and the Azores Declaration on All-Atlantic Research & Innovation for a Sustainable Ocean.

Also in that year, FRCT marked the end of a 6-years (2015-2021) EU project, MISTIC SEAS, financed by EMFF. The project valued strong cooperation and coordination between Portugal and Spain to support the implementation of the Marine Strategy Framework Directive in the Macaronesia European Regions – Azores, Madeira, and the Canary Islands.

IEO

In 2021-22 IEO become a new National Centre of the Spanish National Research Council (CSIC) that now leads the marine research in Spain with 13 coastal research units, 5 aquaculture plants, 12 tidal stations and a fleet of 5 research vessels. The Spanish National Research Council (CSIC) has a multidisciplinary character and conducts advanced research in all scientific areas. It has a staff of more than 11,000 people in 6 National Centres and 52 Institutes, and represents according to the 2022 SCImago research ranking 2022 the 8th research institution of the world.
In 2021, Ifremer launched its first Research « Blue Chair » to achieve excellence in ocean science. The aim is to accelerate the implementation of its strategic plan up to 2030 and to contribute to the objectives of the UN Decade of Ocean Sciences for Sustainable Development.

Also launched in 2021, the “Ocean and climate” priority research program brings together the French scientific community around key ocean issues. With a budget of €40 million over 6 years, it offers researchers the opportunity to take up 7 major interdisciplinary challenges focused on the understanding, protection and sustainable use of marine environments.

A new alliance AFD (French Development Agency) – Ifremer dedicated to the production of knowledge and tools for the protection and management of marine resources has entered into an operational phase. Eight scientific projects have been initiated for the benefit of developing countries. Spread over the three shelves during Christmas time.

In 2021, Ifremer launched its first Research « Blue Chair » to achieve excellence in ocean science. The aim is to accelerate the implementation of its strategic plan up to 2030 and to contribute to the objectives of the UN Decade of Ocean Sciences for Sustainable Development.

Also launched in 2021, the “Ocean and climate” priority research program brings together the French scientific community around key ocean issues. With a budget of €40 million over 6 years, it offers researchers the opportunity to take up 7 major interdisciplinary challenges focused on the understanding, protection and sustainable use of marine environments.

A new alliance AFD (French Development Agency) – Ifremer dedicated to the production of knowledge and tools for the protection and management of marine resources has entered into an operational phase. Eight scientific projects have been initiated for the benefit of developing countries. Spread over the three shelves during Christmas time.

In 2021, Ifremer launched its first Research « Blue Chair » to achieve excellence in ocean science. The aim is to accelerate the implementation of its strategic plan up to 2030 and to contribute to the objectives of the UN Decade of Ocean Sciences for Sustainable Development.

Also launched in 2021, the “Ocean and climate” priority research program brings together the French scientific community around key ocean issues. With a budget of €40 million over 6 years, it offers researchers the opportunity to take up 7 major interdisciplinary challenges focused on the understanding, protection and sustainable use of marine environments.

A new alliance AFD (French Development Agency) – Ifremer dedicated to the production of knowledge and tools for the protection and management of marine resources has entered into an operational phase. Eight scientific projects have been initiated for the benefit of developing countries. Spread over the three shelves during Christmas time.

In 2021, Ifremer launched its first Research « Blue Chair » to achieve excellence in ocean science. The aim is to accelerate the implementation of its strategic plan up to 2030 and to contribute to the objectives of the UN Decade of Ocean Sciences for Sustainable Development.

Also launched in 2021, the “Ocean and climate” priority research program brings together the French scientific community around key ocean issues. With a budget of €40 million over 6 years, it offers researchers the opportunity to take up 7 major interdisciplinary challenges focused on the understanding, protection and sustainable use of marine environments.

A new alliance AFD (French Development Agency) – Ifremer dedicated to the production of knowledge and tools for the protection and management of marine resources has entered into an operational phase. Eight scientific projects have been initiated for the benefit of developing countries. Spread over the three shelves during Christmas time.

In 2021, Ifremer launched its first Research « Blue Chair » to achieve excellence in ocean science. The aim is to accelerate the implementation of its strategic plan up to 2030 and to contribute to the objectives of the UN Decade of Ocean Sciences for Sustainable Development.

Also launched in 2021, the “Ocean and climate” priority research program brings together the French scientific community around key ocean issues. With a budget of €40 million over 6 years, it offers researchers the opportunity to take up 7 major interdisciplinary challenges focused on the understanding, protection and sustainable use of marine environments.

A new alliance AFD (French Development Agency) – Ifremer dedicated to the production of knowledge and tools for the protection and management of marine resources has entered into an operational phase. Eight scientific projects have been initiated for the benefit of developing countries. Spread over the three shelves during Christmas time.

In 2021, Ifremer launched its first Research « Blue Chair » to achieve excellence in ocean science. The aim is to accelerate the implementation of its strategic plan up to 2030 and to contribute to the objectives of the UN Decade of Ocean Sciences for Sustainable Development.

Also launched in 2021, the “Ocean and climate” priority research program brings together the French scientific community around key ocean issues. With a budget of €40 million over 6 years, it offers researchers the opportunity to take up 7 major interdisciplinary challenges focused on the understanding, protection and sustainable use of marine environments.

A new alliance AFD (French Development Agency) – Ifremer dedicated to the production of knowledge and tools for the protection and management of marine resources has entered into an operational phase. Eight scientific projects have been initiated for the benefit of developing countries. Spread over the three shelves during Christmas time.

In 2021, Ifremer launched its first Research « Blue Chair » to achieve excellence in ocean science. The aim is to accelerate the implementation of its strategic plan up to 2030 and to contribute to the objectives of the UN Decade of Ocean Sciences for Sustainable Development.

Also launched in 2021, the “Ocean and climate” priority research program brings together the French scientific community around key ocean issues. With a budget of €40 million over 6 years, it offers researchers the opportunity to take up 7 major interdisciplinary challenges focused on the understanding, protection and sustainable use of marine environments.

A new alliance AFD (French Development Agency) – Ifremer dedicated to the production of knowledge and tools for the protection and management of marine resources has entered into an operational phase. Eight scientific projects have been initiated for the benefit of developing countries. Spread over the three shelves during Christmas time.

In 2021, Ifremer launched its first Research « Blue Chair » to achieve excellence in ocean science. The aim is to accelerate the implementation of its strategic plan up to 2030 and to contribute to the objectives of the UN Decade of Ocean Sciences for Sustainable Development.

Also launched in 2021, the “Ocean and climate” priority research program brings together the French scientific community around key ocean issues. With a budget of €40 million over 6 years, it offers researchers the opportunity to take up 7 major interdisciplinary challenges focused on the understanding, protection and sustainable use of marine environments.

A new alliance AFD (French Development Agency) – Ifremer dedicated to the production of knowledge and tools for the protection and management of marine resources has entered into an operational phase. Eight scientific projects have been initiative for the benefit of developing countries. Spread over the three shelves during Christmas time.

In 2021, Ifremer launched its first Research « Blue Chair » to achieve excellence in ocean science. The aim is to accelerate the implementation of its strategic plan up to 2030 and to contribute to the objectives of the UN Decade of Ocean Sciences for Sustainable Development.

Also launched in 2021, the “Ocean and climate” priority research program brings together the French scientific community around key ocean issues. With a budget of €40 million over 6 years, it offers researchers the opportunity to take up 7 major interdisciplinary challenges focused on the understanding, protection and sustainable use of marine environments.

A new alliance AFD (French Development Agency) – Ifremer dedicated to the production of knowledge and tools for the protection and management of marine resources has entered into an operational phase. Eight scientific projects have been initiated for the benefit of developing countries. Spread over the three shelves during Christmas time.

In 2021, Ifremer launched its first Research « Blue Chair » to achieve excellence in ocean science. The aim is to accelerate the implementation of its strategic plan up to 2030 and to contribute to the objectives of the UN Decade of Ocean Sciences for Sustainable Development.

Also launched in 2021, the “Ocean and climate” priority research program brings together the French scientific community around key ocean issues. With a budget of €40 million over 6 years, it offers researchers the opportunity to take up 7 major interdisciplinary challenges focused on the understanding, protection and sustainable use of marine environments.

A new alliance AFD (French Development Agency) – Ifremer dedicated to the production of knowledge and tools for the protection and management of marine resources has entered into an operational phase. Eight scientific projects have been initiated for the benefit of developing countries. Spread over the three shelves during Christmas time.

In 2021, Ifremer launched its first Research « Blue Chair » to achieve excellence in ocean science. The aim is to accelerate the implementation of its strategic plan up to 2030 and to contribute to the objectives of the UN Decade of Ocean Sciences for Sustainable Development.

Also launched in 2021, the “Ocean and climate” priority research program brings together the French scientific community around key ocean issues. With a budget of €40 million over 6 years, it offers researchers the opportunity to take up 7 major interdisciplinary challenges focused on the understanding, protection and sustainable use of marine environments.

A new alliance AFD (French Development Agency) – Ifremer dedicated to the production of knowledge and tools for the protection and management of marine resources has entered into an operational phase. Eight scientific projects have been initiated for the benefit of developing countries. Spread over the three shelves during Christmas time.

In 2021, Ifremer launched its first Research « Blue Chair » to achieve excellence in ocean science. The aim is to accelerate the implementation of its strategic plan up to 2030 and to contribute to the objectives of the UN Decade of Ocean Sciences for Sustainable Development.

Also launched in 2021, the “Ocean and climate” priority research program brings together the French scientific community around key ocean issues. With a budget of €40 million over 6 years, it offers researchers the opportunity to take up 7 major interdisciplinary challenges focused on the understanding, protection and sustainable use of marine environments.

A new alliance AFD (French Development Agency) – Ifremer dedicated to the production of knowledge and tools for the protection and management of marine resources has entered into an operational phase. Eight scientific projects have been initiated for the benefit of developing countries. Spread over the three shelves during Christmas time.

In 2021, Ifremer launched its first Research « Blue Chair » to achieve excellence in ocean science. The aim is to accelerate the implementation of its strategic plan up to 2030 and to contribute to the objectives of the UN Decade of Ocean Sciences for Sustainable Development.

Also launched in 2021, the “Ocean and climate” priority research program brings together the French scientific community around key ocean issues. With a budget of €40 million over 6 years, it offers researchers the opportunity to take up 7 major interdisciplinary challenges focused on the understanding, protection and sustainable use of marine environments.

A new alliance AFD (French Development Agency) – Ifremer dedicated to the production of knowledge and tools for the protection and management of marine resources has entered into an operational phase. Eight scientific projects have been initiated for the benefit of developing countries. Spread over the three shelves during Christmas time.

In 2021, Ifremer launched its first Research « Blue Chair » to achieve excellence in ocean science. The aim is to accelerate the implementation of its strategic plan up to 2030 and to contribute to the objectives of the UN Decade of Ocean Sciences for Sustainable Development.

Also launched in 2021, the “Ocean and climate” priority research program brings together the French scientific community around key ocean issues. With a budget of €40 million over 6 years, it offers researchers the opportunity to take up 7 major interdisciplinary challenges focused on the understanding, protection and sustainable use of marine environments.

A new alliance AFD (French Development Agency) – Ifremer dedicated to the production of knowledge and tools for the protection and management of marine resources has entered into an operational phase. Eight scientific projects have been initiated for the benefit of developing countries. Spread over the three shelves during Christmas time.

In 2021, Ifremer launched its first Research « Blue Chair » to achieve excellence in ocean science. The aim is to accelerate the implementation of its strategic plan up to 2030 and to contribute to the objectives of the UN Decade of Ocean Sciences for Sustainable Development.

Also launched in 2021, the “Ocean and climate” priority research program brings together the French scientific community around key ocean issues. With a budget of €40 million over 6 years, it offers researchers the opportunity to take up 7 major interdisciplinary challenges focused on the understanding, protection and sustainable use of marine environments.

A new alliance AFD (French Development Agency) – Ifremer dedicated to the production of knowledge and tools for the protection and management of marine resources has entered into an operational phase. Eight scientific projects have been initiated for the benefit of developing countries. Spread over the three shelves during Christmas time.