

# ATLANTIC AREA TRANSNATIONAL COOPERATION PROGRAMME

## PROJECTS WITH A MARITIME DIMENSION



*Investing in our common future*



European Union

European Regional  
Development Fund

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## A. Implementing the ecosystem approach

### AARC - Atlantic Aquatic Resource Conservation Project

The main aim is to cooperate intensively to deliver a strategy for Integrated Water Resource Management (IWRM), which will be demonstrated across the Atlantic Area, in targeted river basins, networked by regional/river observatories in each Member State.



**Lead Partner:** Westcountry Rivers Trust, UK | **Partners:** [ES] Council of Environment, Territorial Planning and Infrastructure; [FR] Institut National de la Recherche Agronomique (INRA); [IE] University College Cork; Inland Fisheries Ireland; [PT] ICETA, Universidade do Porto; ADDLAP - Associação de Desenvolvimento Dão, Lafões e Alto Paiva; ADIRN - Associação para o Desenvolvimento Integrado do Ribatejo Norte; [UK] University of Exeter | **Budget:** 3.870.695,99€ | **Website:** [www.aarcproject.org](http://www.aarcproject.org)

### FAME - The Future of the Atlantic Marine Environment

The FAME project will monitor and track seabirds throughout the Atlantic Area and, by combining this data with oceanographic information, produce comprehensive maps to inform the designation of Marine Protected Areas.



**Lead Partner:** Royal Society for the Protection of Birds (RSPB), UK | **Partners:** [ES] Sociedad Española de Ornitología (SEO); [FR] Ligue pour la Protection des Oiseaux (LPO); [IE] BirdWatch Ireland (BWI); [PT] Sociedade Portuguesa para o Estudo das Aves (SPEA); Universidade do Minho (UMinho); Centro de Energia das Ondas (WavEC) | **Budget:** 3.418.077,65€ | **Website:** [www.fameproject.eu](http://www.fameproject.eu)

### MAIA - Marine protected areas in the Atlantic Arc

The project aims to: 1) share experience on how to draw up management plans for activities which take place in existing marine protected areas (MPAs) and thus fulfill the nature conservation objectives that justified their designation; 2) define and implement joint methodology to identify the marine areas, both inshore and offshore, whose habitats and/or species justify special protection or management.



**Lead Partner:** Agence des Aires Marines Protégées, FR | **Partners:** [ES] CM - Conselleria do Mar - Xunta de Galicia; UDC - Universidad da Coruña; [FR] AAMP - Agence des Aires Marines Protégées; Aglia - Association du Grand Littoral Atlantique; [PT] ICNB - Instituto da Conservação da Natureza e da Biodiversidade; IPIMAR - Instituto Nacional dos Recursos Biológicos; [UK] JNCC - Joint Nature Conservation Committee; NE - Natural England; SWFD - South West Food And Drink | **Budget:** 3.032.604,35€ | **Website:** [www.maia-network.org](http://www.maia-network.org)

### MESHATLANTIC - Mapping Atlantic Area seabed habitats for better marine management



MeshAtlantic wants to promote harmonised production and use of marine habitat maps covering the Atlantic Area. To reach this goal, intends to adapt and enhance previous achievements to the area, hence bringing the region onto equal footing with northern Europe.

**Lead Partner:** Institut Français de Recherche pour l'Exploitation de la Mer-IFREMER, FR | **Partners:** [ES] Instituto Español de Oceanografía; Fundacion AZTI - AZTI Fundazioa; [FR] Institut des Milieux Aquatiques; [IE] Marine Institute (Foras na Mara); [PT] Universidade do Algarve; Instituto Nacional dos Recursos Biológicos, I.P.-IPIMAR; Universidade de Aveiro; Universidade dos Açores | **Budget:** 3.499.695,95€ | **Website:** [www.meshatlantic.eu](http://www.meshatlantic.eu)

## PRESPO - Desarrollo Sostenible de las Pesquerías Artesanales del Arco Atlántico

This project is expected to improve the current management policy of shared fishery resources in the Atlantic Area exploited by the artisanal fleet through the development of alternative instruments in the framework of the integrated management of coastal fisheries.



**Lead Partner:** Instituto Nacional de Recursos Biológicos / IPIMAR, PT | **Partners:** [ES] Centro Tecnológico Del Mar-Fundación CETMAR; AZTI-Tecnalia; Universidad de Cádiz; Consejería de Medio Rural y Pesca del Principado Asturias; Universidad de Huelva; Instituto Andaluz de Investigación y Formación Agraria, Pesquera, Alimentaria y de la Producción Ecológica (IFAPA); [FR] Aglia; IFREMER - Institut Français de Recherche pour l'Exploitation de la Mer; Réseau d'Information et Conseil en Economie des Pêches – RICEP; [PT] Faculdade de Engenharia da Universidade do Porto – FEUP | **Budget:** 3671186,5€ | **Website:** [www.cripsul.ipimar.pt/PRESPO/](http://www.cripsul.ipimar.pt/PRESPO/)

## SEAFARE - Sustainable and Environmentally Friendly Aquaculture for the Atlantic Region of Europe



SEAFARE will develop solutions to specific constraints on industry development for Europe's fish and shellfish farmers, through species diversification and development of low-intensity aquaculture systems that are compatible with sensitive coastal habitats.

**Lead Partner:** Bangor University (BU), UK | **Partners:** [ES] IFAPA; [FR] IFREMER-- Institut Français de Recherche pour l'Exploitation de la Mer; [IE] AquaTT; [PT] INRB I.P. - IPIMAR – Olhão | **Budget:** 3.179.473€ | **Website:** [www.seafareproject.eu](http://www.seafareproject.eu)

## B. Reducing Europe's Carbon Footprint

### CLIMATLANTIC - Local and regional actions for carbon footprint reduction



The project aims to develop strategies at regional and local level towards the reduction of the carbon footprint in the European Atlantic Area. These strategies will be related to four basic pillars: mobility, energy, management territory and social behavior.

**Lead Partner:** Eixo Atlântico do Noroeste Peninsular, PT | **Partners:** [ES] Eixo Atlántico do Noroeste Peninsular; Consellería de Medio Ambiente, Territorio e Infraestructuras, Xunta de Galicia; Diputación Provincial de Ourense; [FR] Communauté d'Agglomération de Grand Angoulême; Quimper Communauté; [IE] South East Regional Authority; [PT] Agência Portuguesa do Ambiente (APA); [UK] Merseytravel | **Budget:** 2.070.887€ | **Contact person:** Marta Cabanas - [eu@eixoatlantico.com](mailto:eu@eixoatlantico.com)

### EASYCO - Collaborative European Atlantic Water Quality Forecasting System



Aims to build a Polycentric Infrastructure for Operational Ocean Modelling in the whole Atlantic Space (AS) joining capacities from all the 5 countries to forecast hydrodynamics and biogeochemistry (BGC) at the regional scale using grid sizes of a few km's.

**Lead Partner:** Instituto Superior Técnico - IST, PT | **Partners:** [ES] IntecMar-Instituto Tecnológico para el Control del Medio Marino de Galicia; Consellería de Medio Ambiente e Desenvolvemento Sostible; Puertos del Estado; [FR] Institute Français de Recherche pour l'Exploitation de la Mer - IFREMER; Mercator Océan; Université de Pau et des Pays d'Adour; [IE] Marine Institute; [PT] Universidade dos Açores; [UK] CEFAS | **Budget:** 2.688.476€ | **Website:** [www.project-easy.info](http://www.project-easy.info)

### ENERGYMARE - Cooperación para el aprovechamiento de energías renovables en el Atlántico

EnergyMare project was created to guarantee the sustainable development of the Atlantic regions enhancing renewable energy production from the ocean. The proposal: Creation of a Transnational Cooperation Network to push, promote and develop a renewable tidal power production. Establish a transnational pool of experience, collection of data and supervision of the progress. Exploring the potential of innovative energy sources from the sea. Development of pilot projects to test experimental prototypes of energy production in

the marine environment. Cooperation to overcome the limitations which currently influence the implementation and progress.

**Lead Partner:** Instituto Enerxético de Galicia (INEGA) (ES) | **Partners:** [ES] Instituto Enerxético de Galicia (INEGA); Fundación Leading Innova; Conselleria de Medio Ambiente, Territorio e Infraestruturas; [FR] Ecole d'Ingenieurs en Genie des Systemes Industriels; Technopôle Brest Iroise; [IE] Limerick Clare Energy Agency; National University of Ireland, Galway; [PT] Instituto Superior Técnico; INEGI - Instituto De Engenharia Mecânica e Gestão Industrial Portugal; [UK] Action Renewables Ltd; University of the Highlands and Islands; European Marine Energy Centre | **Budget:** 3.094.816,40€ | **Contact person:** Nicolás Vázquez Iglesias - nicolasvazquez@inega.es

### **MAREN - Marine Renewable Energy – Energy Extraction and Hydro-environmental Aspects**



The aims of this project are: to optimise the energy extraction potential and minimise the hydro-environmental impact of a wide range of the most promising marine renewable energy devices. Much of this work will apply to sites all along the European Atlantic coast region and world-wide.

**Lead Partner:** Cardiff University, UK | **Partners:** [ES] Universidad de Cantabria; [FR] Institut Français de Recherche pour l'Exploitation de la Mer-IFREMER; [IE] National University of Ireland, Galway; [PT] Instituto Superior Técnico | **Budget:** 1.655.507,81€ | **Website:** www.marenproject.eu

### **PROPOSSE - Promote Ports, SSS & SME Cooperation**



The overall objective of PROPOSSE is to promote short sea shipping as a real alternative to other means of transport of goods (like road) between SMEs from the Interior and the ports of Aveiro, Gijón, Le Havre, Poole and Cork. This aim will be achieved by cooperation between ports and entities representing SMEs, and promoting regional development in regions outside the littoral.

**Lead Partner:** Autoridad Portuaria de Gijón, ES | **Partners:** [ES] Cámara de Comercio de Oviedo; [FR] CRIT Transport & Logistics; [IE] Puerto de Cork; [PT] APA: Administración del puerto de Aveiro; Asociación Industrial del Distrito de Aveiro; [UK] Puerto de Poole; Marine South East limited | **Budget:** 2.117.800 € | **Website:** www.proposse.eu

## **C. Sustainable exploitation of the Atlantic seafloor's natural resources**

### **ACRUNET - A Transnational Approach to Competitiveness and Innovation in the Brown Crab Industry**

ACRUNET aims to secure the economic and social viability and sustainability of the European brown crab industry. Challenges include: managing supply from a shared resource to benefit all; poor quality consistency in live and processed sectors; increased consumer demand for products from responsibly fished stocks; shortage of value added crab products appropriate for modern consumer demands; poor market visibility and profile for brown crab product due to lack of appropriate consumer education, marketing and promotion. These will be addressed through forming a transnational network to identify and address factors to improve brown crab competitiveness through co-operation, communication and innovation.

**Lead Partner:** Bord Iascaigh Mhara, IE | **Partners:** [ES] Centro Tecnológica del Mar; [FR] FranceAgriMer; Comité National des Pêches Maritimes et des Elevages Marins ; IFREMER - Institut Français de Recherche pour l'Exploitation de la Mer; [IE] Marine Institute ; Bord Bia ; Killybegs Fishermens Organisation; [PT] Instituto Nacional de Recursos Biológicos IPIMAR; [UK] SeaFish; Shellfish Association of Great Britain; Centre for Environmental, Fisheries and Aquaculture Science ; National Federation of Fishermen's Organisations; Scottish Fishermen's Federation; SeaFood Scotland | **Budget:** 2.251.115,74€ | **Contact person:** Ian Lawler - lawler@bim.ie

### BIOTECMAR - BIOTEchnological exploitation of MARine products and by-products



The overall aim is to help the companies of Atlantic Area (which are mainly SMEs) to take advantage of the use of modern biotechnological tools and contribute to a diversification of the activities derived from marine biomass exploitation within the strict framework of sustainable management of marine natural resources.

**Lead Partner:** UEB<sup>®</sup>-UBO (Université Européenne de Bretagne-Université de Bretagne Occidentale, FR | **Partners:** [ES] CETMAR - Centro Tecnológico del Mar-Fundación; CSIC - Consejo Superior de Investigaciones Marinas; [FR] Museum National d'Histoire Naturelle (MNHN); Technopole Quimper Cornouaille; University of La Rochelle; University of Nantes; IFREMER; [IE] Irish Seaweed Centre; Indigo Rock Marine Research Centre; [PT] IPIMAR/INRB - National Institute for Fisheries and Sea Research; NET - Novas Empresas e Tecnologias, S.A. | **Budget:** 2.322.692€ | **Website:** www.biotecmar.eu

### GEPETO - GEstion de la PEsquerías y Transnacionales Objetivos

GEPETO aims “to reinforce competitiveness and capacities of innovation in the niches of excellence of the Maritime economy”. It has been initiated by the SWW RAC and NWW RAC, network of economic members, gathering the fishing companies of the Atlantic bow, in order to propose long-term management fishing plans, real business plans for the industry. Taking place from 2012 to 2013, when the Common Fisheries Policy will be reformed, the project will be a concrete contribution to public policy for regionalization of fisheries management, now widely acclaimed. The project will focus on coordination, communication, realisation of a fisheries atlas, definition of management units and elaboration of long-term management plans for some pilot fisheries. These activities involve the fishing sector, scientists, national administrations and NGOs.

**Lead Partner:** Centro Tecnológico del Mar - Fundación CETMAR, ES | **Partners:** [ES] Fundación AZTI; Instituto Español de Oceanografía - IEO; [FR] Conseil Consultatif Régional pour les eaux occidentales australes (CCR Sud); IFREMER - Institut Français de Recherche pour l'Exploitation de la MER; [IE] Marine Institute; [PT] Instituto Nacional de Recursos Biológicos – IPIMAR; Universidade dos Açores; Secretaria Regional do Ambiente e Recursos Naturais / Direcção Regional de Pescas | **Budget:** 1.613.506,84 € | **Contact person:** Rosa Chapela Pérez - rchapela@cetmar.org

### HARVESTAtlantic - Harnessing All Resources Valuable to Economies of Seaside Territories on the Atlantic

HARVEST Atlantic intends to identify and exchange good practices and sustainable solutions based on innovation, diversification and marketing for the maritime economy and resources, in order to improve the socioeconomic situation of the Atlantic seaside territories, through transnational cooperation. In particular, it will contribute to the enhancement of competitiveness and innovation capacities in 4 specific subsectors of the maritime economy: a) Biotech & Nutraceutical; b) RDT+I in Navigation & gliding technologies; c) Halieutic Industry and d) Green Maritime Energy.

**Lead Partner:** Mancomunidad de Municipios Sostenibles de Cantabria, ES | **Partners:** [ES] Universidad de Cantabria; [IE] South West Regional Authority; Cork Institute of Technology; [PT] Universidade do Algarve; [UK] Glasgow Caledonian University | **Budget:** 1.003.555,60€ | **Contact person:** Javier Hernández Blanco - hernandez-j@municipiosostenibles.com

### LABELFISH - Atlantic network on genetic control of fish and seafood labeling and traceability

The objective of LABELFISH is to set up a network of entities with interest in the development of a common strategy and in the use of standardized and innovative analytical techniques for the control of genetic traceability and labelling of seafood products. Expected outcomes are the protection of the both European consumers and SMEs involved in fisheries and aquaculture in the Atlantic regions.

**Lead Partner:** CSIC- Consejo Superior de Investigaciones Científicas, ES | **Partners:** [FR] IFREMER - Institut Français de Recherche pour l'Exploitation de la Mer; [IE] Indigo Rock Marine Research Station; University

College Dublin ; [PT] Instituto Nacional de Recursos Biológicos, I.P.; [UK] Campden Bri; [DE] Max Rubner-Institut | **Budget:** 2.253.355,90€ | **Contact person:** Carmen González Sotelo - carmen@iim.csic.es

### **MARMED - Development of innovating biomedical products from marine resources valorisation**

MARMED project aims the valorisation of marine residues and sub-products from several companies from the marine sector, with demonstration of real cases (collaboration with industries as proof-of-concept) and on the other side to demonstrate the added-value and high-potential of applicability of those materials (marine origin biopolymers and ceramics) in biomedical applications, also with close industrial collaboration, that will evaluate the market potential of the applications to be developed and/or studied under the scope of this project.

**Lead Partner:** Universidade do Minho, PT | **Partners:** [ES] Agencia Estatal Consejo Superior de Investigaciones Científicas (CSIC); Centro Tecnológico del Mar - Fundación CETMAR; Universidade de Vigo; [FR] Université de Bretagne Occidentale; [IE] NUI Galway; [PT] Instituto de Ciências Biomédicas Abel Salazar da Universidade do Porto; Instituto Nacional de Recursos Biológicos/Instituto Investigação das Pescas e do Mar; Universidade do Algarve; [UK] Queen's University Belfast | **Budget:** 2.066.765,96€ | **Contact person:** Rui L. Reis - rgreis@dep.uminho.pt

### **MARNET - Marine Atlantic Regions Network**

This proposal brings together a network of marine research institutions allied with regional bodies, with a common interest in analysing and valorizing the marine resources available through the establishment of a marine socio-economic network that will create and collate comparable marine socio-economic data and utilise this data to support marine socio-economic development initiatives along the Atlantic Area. The long term objective of the Network will be to become a recognised collaboration of institutions with marine socio-economic expertise available for consultation with a range of EU institutes & stakeholders across a range of marine sectors & regions.

**Lead Partner:** Ireland Border Midland and Western Regional Assembly, IE | **Partners:** [ES] Fundación AZTI; University of the Basque Country (UPV/EHU); [FR] IFREMER; Regional Council of Bretagne; [IE] National University of Ireland, Galway [PT] CIIMAR - Centro Interdisciplinar de Investigação Marinha e Ambiental; [UK] University of Stirling | **Budget:** 1.309.946,11€ | **Contact person:** Kieran Moylan - kmoylan@bmwassembly.ie

### **NETALGAE - Inter-regional network to promote sustainable development in the marine algal industry**



This project seeks to create a Europe-wide network of relevant stakeholders in the marine macro-algae sector and to carry out a wide ranging policy study to establish a best practice model and suggested policies for successful, sustainable, commercial utilization of marine macro-algae resources.

**Lead Partner:** FEUP - Universidade do Porto - Faculdade de Engenharia , PT | **Partners:** [ES] FUAC - Fundación Universidade da Coruña; Portos de Galicia; TECNALIA - Fundación Tecnalia Research & Innovation; [FR] ENSTA Britain, Ecole Nationale Supérieure des Techniques Avancées; [IE] UL - University of Limerick; NMCI - National Maritime College of Ireland; [PT] APDL - Administração dos Portos do Douro e Leixões, SA; [UK] UK Spill Association | **Budget:** 2.160.088€ | **Website:** www.netalgae.eu

### **PHARMATLANTIC - Knowledge Transfer Network for Prevention of Mental Diseases and Cancer in the Atlantic Area**



Knowledge Transfer Network for Prevention of Mental Diseases and Cancer in the Atlantic Area, PHARMATLANTIC is a project born on necessity to provide involved industries situated in the Atlantic seaboard with research and innovation advances in prevention.

**Lead Partner:** University of Santiago de Compostela, ES | **Partner:** [ES] National Association of Fish and Seafood Cannery Manufacturers; [FR] National Center of Scientific Research; [IE] Cork Institute of Technology; Dublin City University; [PT] Interdisciplinary Centre of Marine and Environmental Research; Universidade do Algarve; [UK] Queen's University Belfast; Agri-Food And Biosciences Institute; University of Aberdeen | **Budget:** 2.152.045,77€ | **Website:** www.pharmatlantic.org

## SHAREBIOTEC - Sharing life science infrastructures and skills to benefit the Atlantic area biotechnology sector



The main objective is to strengthen the biotechnology sector, through the maximisation of the benefits of life science infrastructures and skills for the development of the Atlantic Area, which has notable areas of excellence (notably in marine science, rich and increasing number of SMEs, policy initiatives) but also weaknesses.

**Lead Partner:** Bretagne Developpement Innovation, FR | **Partners:** [ES] Departamento de Innovación, Empresa y Empleo, Gobierno de Navarra; [FR] Critt Sante Bretagne; Universite de Nantes; [IE] Athlone Institute of Technology; National University of Ireland, Galway; [PT] Biocant – Associação de Transferência de Tecnologia; University of the Algarve ; Centro de Ciências do Mar do Algarve; Centro Interdisciplinar de Investigação Marinha e Ambiental – CIIMAR| **Budget:** 2.706.937,43€| **Website:** [www.cria.pt/cria/pt/iniciativas.asp?id=60](http://www.cria.pt/cria/pt/iniciativas.asp?id=60)

## D. Responding to threats and emergencies

### ANCORIM - Atlantic Network for Coastal Risk Management

Focuses on strengthening the operational capacity of decision-makers in Atlantic regions, with the aim of preventing coastal risks and in particular those linked to climate change.



**Lead Partner:** Conseil Régional Aquitaine, FR | **Partners:** [ES] Diputacion Provincial de A Coruña; Fundación CETMAR - Centro Tecnológico del Mar; Universidad de Vigo; [FR] BRGM - Bureau de recherches géologiques et minières; Centre régional d'expérimentation et d'application aquacole; IAAT Poitou-Charentes d'Aménagement du Territoire Poitou-Charentes; Conseil régional de Bretagne; Cap l'Orient; [IE] Udaras na Gaeltachta; Mayo County Council; National University of Ireland, Galway; [PT] LNEC - Laboratório Nacional de Engenharia Civil; Universidade de Coimbra, Instituto de Hidráulica e Recursos Hídricos | **Budget:** 1.891.752,01€ | **Website:** [www.ancorim.aquitaine.fr](http://www.ancorim.aquitaine.fr)

### ARCOPOL - Atlantic Regions' Coastal Pollution, Response and Preparedness



Aims to improve prevention, response and mitigation capabilities against oil, HNS (Convention on the Carriage of Noxious and Hazardous Substances by Sea) and inert spills and to establish the basis for a sustainable Atlantic network of experts.

**Lead Partner:** Centro Tecnológico del Mar-Fundación CETMAR, ES | **Partners:** [ES] Consellería de Medio Ambiente, Territorio e Infraestructuras; Consellería do Mar; Instituto Tecnológico para o Control do Medio Mariño de Galicia; Agencia de Medio Ambiente y Agua de Andalucía; [FR] Conseil Régional de Bretagne; Conseil Régional d'Aquitaine; VIGIPOL ; [IE] Marine Institute; [PT] Instituto Superior Técnico; CIIMAR - Centro Interdisciplinar de Investigação Marinha e Ambiental; [UK] Pembrokeshire County Council | **Budget:** 3.072.233€ | **Website:** [www.arcopol.eu](http://www.arcopol.eu)

### ARCOPOL + - Improving maritime safety and pollution response through technology transfer, training & innovation

ARCOPOL + aims to further improve maritime safety and Atlantic regions coastal pollution preparedness and response against oil and HNS's spills through technology transfer, training and innovation.

**Lead Partner:** Centro Tecnológico del Mar. Fundación Cetmar, ES | **Partners:** [ES] Instituto Tecnológico para el Control del Medio Marino de Galicia – INTECMAR; Universidade de Vigo; Consejería de Gobernación y Justicia - Dirección General De Interior, Emergencias Y Protección Civil; Consejería Medio Ambiente - Junta de Andalucía; Universidad de Cádiz; [IE] National Maritime College of Ireland - Cork Institute of Technology; [PT] Instituto Superior Técnico; CIIMAR, Centro Interdisciplinar de Investigação Marinha e Ambiental; [UK] Pembrokeshire County Council; Health Protection Agency; Centre for Environment, Fisheries and

Aquaculture Science, Cefas | **Budget:** 1.920.215€ | **Contact Person:** María Luisa Fernández Cañamero - mfernandez@cetmar.org

### ATLANTICPOWER - Atlantic Power Cluster

The main aims of this project are to: (i) develop a set of high resolution operational oceanographic systems in several estuaries or ports located in the Atlantic Area, and (ii) establish local oil spill response plans for these local areas based on risk assessment. This work will apply to estuaries all along the European Atlantic coast region. The project partners have been chosen to represent the full range of coastal and hydrological conditions. The methodologies and techniques developed will be applied to sites with physical, biological and socio-economical characteristics that make them highly vulnerable to oil spill.

**Lead Partner:** SODERCAN, ES | **Partners:** [ES] Fundación Universidade da Coruña - FUAC; Fundación Asturiana de la Energía-FAEN; Ente Vasco de la Energía-EVE; CIEMAT- Centro de Investigaciones Energéticas Medioambientales y Tecnológicas; [FR] Bretagne Innovation; Conseil Régional Basse-Normandie; Conférence des Régions Périphériques Maritimes d'Europe - CRPM; Pole Eco Industries Poitou Charentes; Société Publique Régionale des Pays de la Loire; Conseil Régional d'Aquitaine; [IE] Galway County Council; Cork Institute of Technology; [PT] Wave Energy Centre – Centro de Energia das Ondas; INEGI – Instituto de Engenharia Mecânica e Gestão Industrial; [UK] Scottish European Green Energy Centre-SEGEC; Regen SW | **Budget:** 3.020.000€ | **Contact Person:** Braulio Pérez Astray - braulio@udc.es

### ATLANTOX - Advanced Tests about New Toxins appeared in Atlantic Area



Advanced Test about New Toxins appeared in the Atlantic Area, has a main objective to support and accelerate the development and introduction of a proper and efficient method of fast alternative controlling based on antibodies and functional test for biotoxins.

**Lead Partner:** University of Santiago de Compostela, ES | **Partners:** [ES] National Association of Fish and Seafood Cannery Manufacturers; [FR] National Center of Scientific Research; [IE] Cork Institute of Technology; [PT] Interdisciplinary Centre of Marine and Environmental Research; [UK] Queen's University Belfast; Agri-Food And Biosciences Institute | **Budget:** 1.839.463,37€ | **Website:** www.atlantox.com

### NETMAR - Networked systems for situational awareness and intervention in maritime incidents

The project concerns the demonstration, evaluation and dissemination of new robotic systems, sensors and networking technologies in maritime incidents endangering human life, the environment and economic activities. Air and sea going robotic vehicles provide new capabilities to operate in dull, dirty and dangerous environments. Networking technologies enable the orchestration of existing assets and new robotic systems and sensors for enhanced situational awareness and intervention.

**Lead Partner:** FEUP - Universidade do Porto - Faculdade de Engenharia, PT | **Partners:** [ES] FUAC - Fundación Universidade da Coruña; Portos de Galicia; TECNALIA - Fundacion Tecnalia Research & Innovation; [FR] ENSTA Britain, Ecole Nationale Supérieure des Techniques Avancées; [IE] UL - University of Limerick; NMCI - National Maritime College of Ireland; [PT] APDL - Administração dos Portos do Douro e Leixões, SA.; [UK] UK Spill Association | **Budget:** 2.809.707,16€ | **Contact Person:** Fernando Lobo Pereira - flp@fe.up.pt

### PORTONOVO - Water Quality in Harbours



PORTONOVO intends to standardize a methodology for the water quality management in port areas all over along the Atlantic Area by developing great quality searching results to strengthen the present situation in accordance with the European legal framework about water quality in harbours.

**Lead Partner:** Universidad de Cantabria, ES | **Partners:** [ES] Fundación AZTI- AZTI Fundazioa; Consejería de Medio Ambiente del Gobierno de Cantabria; [FR] Communauté urbaine de Cherbourg – CUC; University Bordeaux 1; Centre National de la Recherche Scientifique – CNRS; [PT] Instituto Superior Técnico – IST; Universidade do Algarve; Universidade de Aveiro; [UK] Queens University Belfast; Falmouth Harbour Commissioners | **Budget:** 1.800.000€ | **Website:** www.portonovoproject.org



### SPRES - Oil Spill Prevention and Response at Local Scales

The main aims of this project are to: (i) develop a set of high resolution operational oceanographic systems in several estuaries or ports located in the Atlantic Area, and (ii) establish local oil spill response plans for these local areas based on risk assessment. This work will apply to estuaries all along the European Atlantic coast region. The project partners have been chosen to represent the full range of coastal and hydrological conditions. The methodologies and techniques developed will be applied to sites with physical, biological and socio-economical characteristics that make them highly vulnerable to oil spill.

**Lead Partner:** Fundación Instituto de Hidráulica Ambiental de Cantabria, ES | **Partners:** [ES] AZTI-Tecnalia; Servicios De Emergencias De Cantabria, S.A.; [FR] Centre de Documentation, de Recherche et d'expérimentations sur les pollutions accidentelles des eau; [PT] Laboratório Nacional De Engenharia Civil (LNEC), I.P.; Universidade de Aveiro; [UK] Falmouth Harbour Commission; Agri-Food & Bioscience Institute | **Budget:** 2.809.707,16€ | **Contact Person:** Sonia Castanedo - 34-942201852

## E. Socially Inclusive Growth

### ATCLUSTERS - Regional and Multiregional Clusters and Meta-clusters in the Atlantic Area



The main objective is to explore real possibilities of transnational cooperation among clusters in the Atlantic Area (existing or under creation ones), and in connecting them together in order to facilitate their development at EU and international level.

**Lead Partner:** Instituto Gallego de Promoción Económica - Igape, ES | **Partners:** [ES] Sociedad para el Desarrollo Regional de Cantabria; Instituto de Desarrollo Económico del Principado de Asturias; [FR] Bretagne Innovation; [IE] South West Regional Authority; [PT] Adrave S.A, Agência de Desenvolvimento Regional do Vale do Ave | **Budget:** 1.161.042€ | **Website:** www.atcluster.org

### ATLANTKIS - Platform of Knowledge Intensive Services for Innovation and Technology and Knowledge Transfer



The overall goal is to enhance the Knowledge and Technology Transfer and innovation processes on SMEs through the promotion and co-operation of Knowledge Intensive Services (KIS) at the Atlantic Area.

**Lead Partner:** Departamento de Innovación, Empresa y Empleo, Gobierno de Navarra, ES | **Partners:** [ES] Consellería de Innovación e Industria, Xunta de Galicia; [FR] Bretagne Innovation; [IE] South & Eastern Regional Assembly; Westbic; Border, Midlands and West Regional Assembly; [PT] Agência de Inovação; [UK] Devon and Cornwall Business Council | **Budget:** 2.363.666€ | **Website:** www.atlantkis.eu

### AUXNAVALIA - Improving Capacity for Naval Innovation and Competitiveness



The general objective is to improve competitiveness of the marine shipbuilding ancillary services industry, by implementing resources and activities that improve their innovation capacity.

**Lead Partner:** Fundación para o Fomento da Calidade Industrial e o Desenvolvemento Tecnolóxico de Galicia, ES | **Partners:** [ES] Asociación Cluster del Naval Gallego - ACLUNAGA; [PT] BICMINHO; Associação das Indústrias Navais – AIN; [UK] Shipbuilders & Shiprepairers Association – SAA; University of Strathclyde United | **Budget:** 1.601.191€ | **Website:** www.auxnavalia.org

### AUXNAVALIA + Improving the Atlantic Area Maritime Ancillary Industry Innovation Capacities and Competitiveness

AUXNAVALIA PLUS will improve competitiveness of the naval ancillary industry by implementing resources and activities to enhance innovation capacity.

**Lead Partner:** Fundación Fomento para o fomento da Calidade Industrial e o Desenvolvemento Tecnolóxico de Galicia, ES | **Partners:** [ES] Asociación Cluster del Naval Gallego – ACLUNAGA; [FR] NEOPOLIA - Marine Solutions, [PT] Associação das Indústrias Navais - AIN; [UK] Shipbuilders & Shiprepairers Association – SAA | **Budget:** 1.977.792€ | **Contact Person:** Margarita Ardao Rodríguez -margarita.ardao.rodriguez@xunta.es

## CRUISE ATLANTIC EUROPE

The project has as its main objective to strengthen the position of the Atlantic area in the European market of cruise tourism by the creation and promotion of new tourist products worldwide recognized by ship-owners and shipping companies that, through the action of a network of ports, cities and regions, economically improve the specific dimensions of Atlantic culture and identity.

**Lead Partner:** APDL - Administração dos Portos do Douro e Leixões, S.A., PT | **Partners:** [ES] Autoridad Portuaria de Bilbao; Autoridad Portuaria de A Coruña; [FR] Lorient Croisières Bretagne Sud; Saint Malo - Chamber of Commerce and Industry; [IE] Port of Cork Company; [PT] APL - Administração do Porto de Lisboa, S.A.; [UK] Dover Cruise Port | **Budget:** 739.698€ | **Website:** www.cruiseatlanticeurope.com



## DORNA – Organised and Sustainable Development of Resources in the Northwest Atlantic

The DORNA project is centered on development of the Atlantic regions included in it from a perspective of sustainable economic growth and cultural diversity, achieved by encouraging and diversifying traditional naval carpentry.

**Lead Partner:** Diputación de A Coruña, ES | **Partners:** [ES] Colegio Oficial de Arquitectos de Galicia; OARSOALDEA, Agencia de Desarrollo Comarcal ; Consellería do Mar; [IE] Inishowen Maritime Museum; [PT] Associação das Indústrias Navais; [UK] Causeway Coast Maritime Heritage Group - CCMHG; GALGAEL Trust | **Budget:** 1.941.269€ | **Website:** www.proyectedorna.eu



## ECOINNOVA - Create Entrepreneurs Eco-Systems

ECO-INNOVA is a cooperation, investment and technical assistance project for SMEs. Its general aim is to create a transnational structure to report, advise, promote and develop eco-innovation in SMEs, and to support the creation and start-up of eco-innovative SMEs in the Atlantic Area.

**Lead Partner:** Ayuntamiento de Ourense, ES | **Partners:** [ES] Fundación Galicia Europa – FGE; [FR] Bordeaux Productic; [PT] ACIBTM - Associação para o Centro de Incubação de Base Tecnológica do Minho; ADRAT – Associação de Desenvolvimento da Região do Alto Tâmega; [UK] University Of Glamorgan | **Budget:** 1.435.489,54€ | **Website:** www.ecoinnova.info



## ECOSAL ATLANTIS - Ecoturismo en salinas del Atlántico: una estrategia de desarrollo integral y sostenible

The main objective is the development of joint, integral and sustainable tourism based on the cultural and natural heritage of traditional Atlantic saltworking sites. The project focuses on three key activities designed to develop tourism in Atlantic saltworking sites: Heritage, Territorial development, Biodiversity and Nature tourism.

**Lead Partner:** Diputación Foral de Álava, ES | **Partners:** [ES] Asociación Cultur de Amigos de Salinas de Interior; Fundación Espacios Naturales Protegidos de Andalucía – ANDANATURA; [FR] Ecomusée du Marais Salant; Centre Nat de la Recherche Scientifique - DR17; Communauté de communes Océan-Marais de Monts; Communaute de Communes de l'Ile d'Oléron ; Cap Atlantique; Universidade de Aveiro; Câmara Municipal de Aveiro; Câmara Municipal de Rio Maior; Câmara Municipal da Figueira da Foz; [UK] Bournemouth University | **Budget:** 3.059.724€ | **Website:** www.ecosal-atlantis.ua.pt



## IMAGINAATLANTICA – Atlantic Area, Innovative Creative Territories

This project aims to create a sustainable Atlantic digital image technology cluster and to demonstrate the potential of a transnational skills pool made up of education-research-business professionals-local authorities, highlighting the value in the Atlantic heritage, in order to test how a cluster operating as a network might function and to be the forerunner of a specific promotional transnational agency.

**Lead Partner:** Communauté d'Agglomération du Grand Angoulême, FR | **Partners:** [ES] Eixo Atlantico; Deputación Provincial de Ourense; Xunta de Galicia; [PT] Eixo Atlantico do Noroeste Peninsular; Fundação da Juventude; [UK] Centre for Advanced Software Technology (CAST) Lda. | **Budget:** 1.633.647,96€ | **Contact Person:** Annabelle Peaudeau - a.peaudeau@grandangouleme.fr



## KIMERAA - Knowledge transfer to Improve Marine Economy in Regions from the Atlantic Area



KIMERAA aims to develop niches of excellence through the creation of bridges between the scientific knowledge and firms related with marine resources connecting the different institutional actors that can intervene in the Marine Economy. It will promote a deeper understanding in maritime clusters, the innovation actors and institutions in Atlantic Area.

**Lead Partner:** Universidade do Algarve ; PT | **Partners:** [ES] MIK, S. Coop. - Mondragon Ikerketa Kudeaketan; Universidad de Huelva ; [IE] Ionad Forbartha Gno t/a WESTBIC; [PT] Universidade do Porto; [UK] Cardiff University | **Budget:** 1.081.018,89€ | **Website:** www.kimeraa.eu

## MARLEANET - Maritime Learning Network



The project intends to facilitate the formation to the seafarers' private sectors or public organisations and to develop and consolidate a transnational network of maritime economy. The project results will be composed of a long-term network with exchanges of good practices, know-how and staff, common and new training sessions development and the current policies improvements.

**Lead Partner:** Centre Européen de Formation Continue Maritime, FR | **Partners:** [ES] Centro Tecnológico del Mar – Fundación Cetmar; [FR] España UEB-UBO - Université Européenne de Bretagne, Université de Bretagne Occidentale; [IE] Cork Institute of Technology; [PT] Mutua dos Pescadores, CRL; Escola Superior Náutica Infante D. Henrique | **Budget:** 2.261.005,67€ | **Website:** www.marleanet.com

## NEA2 - Nautisme Espace Atlantique 2



Aims to develop a cutting-edge water-sports sector within the AA, which differs from what is done in this domain in the international arena by its exemplary implementation, by delivering: economic innovation and performance, protection and development of the environment, quality of life and social cohesion.

**Lead Partner:** Conseil Régional de Bretagne, FR | **Partners:** [ES] Xunta De Galicia - Consellería do Mar; Diputacion Provincial de Pontevedra; Diputación Provincial de A Coruña; Ayuntamiento de Cambados; Ente Público Portos de Galicia; Asociación Galega de Actividades Náuticas; Diputacion Huelva; [FR] Région Pays de la Loire; Conseil Général du Finistère; Nautisme en Bretagne; Nautisme en Finistère; Association des Ports de Plaisance de Bretagne ; Région Basse Normandie; Conseil Général de la Manche; [IE] Mid-West Regional Authority; Irish Canoe Union; [PT] Intercéltica ; Comunidade Intermunicipal do Minho-Lima-CIM; Associação de Desenvolvimento Local da Bairrada e Mondego - ADELO; [UK] Cornwall Council; North Devon +; Ards Borough Council | **Budget:** 4.721.136€ | **Website:** www.nea2.eu

## RethE - Rethinking Entrepreneurship



The Rethinking Entrepreneurship project sets out to create in the Atlantic Area a network of organizations involved in promoting entrepreneurship which will contribute to lowering the existing differential with other more dynamic parts of the EU and to adopt a new model of entrepreneurship with which it will be possible to provide new support services and tools for entrepreneurs and start-ups.

**Lead Partner:** Lan Ekintza-Bilbao, S.A, ES | **Partners:** [ES] Orkestra - Instituto Vasco de Competitividad - Fundación Deusto; [FR] Conseil Régional des Pays de la Loire; [IE] South West Regional Authority – SWRA; [PT] ADRAL – Agência de Desenvolvimento Regional do Alentejo, S.A.; [UK] Cardiff University | **Budget:** 1.930.447€ | **Website:** www.rethe.net

### SHIPWELD - Automatic Welding Process for the Shipbuilding Industry



The project will focus on a metal welding process applied to the ship building industry.

The objective is to design a monitoring technique aiming to perform a good quality welding joint on a typical application in the ship building industry with a fully automatic welding system unit.

**Lead Partner:** Fundación Fatronik, ES | **Partners:** [ES] Universidad de Vigo; [FR] Ecole Centrale Nantes; STX France Cruise SA; [PT] ISQ – Instituto de Soldadura e Qualidade; [UK] Cardiff University | **Budget:** 1.604.288€ | **Website:** [www.shipweld.org](http://www.shipweld.org)

### ULTREIA - Promoción del turismo sostenible en las rutas de peregrinación marítimas y de interior a Compostela



The general objective of ULTREIA Project is to promote a cultural and religious sustainable tourism linked to maritime and land routes to Compostela. This promotion will be done through two important axes: the development of tourism Agenda 21 and the creation of an Atlantic regions network that develops tourism products inside a joint Atlantic cultural framework.

**Lead Partner:** Xunta de Galicia, ES | **Partners:** [ES] Fundación para o Desenvolvemento Comarcal de Santiago; [FR] Conseil General de la Manche; [PT] Câmara Municipal de Valença do Minho; Diocese de Beja | **Budget:** 1.365.465€ | **Website:** [www.tur-ultreia.es](http://www.tur-ultreia.es)