

# Interreg Atlantic Area

Calendar 2020



The Interreg Atlantic Area programme supports 72 cooperation projects. With an European Regional Development Fund budget of 140 million euros, we enable the means for partnerships from 36 Atlantic regions (from France, Ireland, Portugal, Spain and the United Kingdom) to tackle common challenges in the fields of innovation and competitiveness, resource efficiency, territorial risks, biodiversity, natural and cultural assets.

We invite you to meet the different areas in which our projects work to build a sustainable and innovative Atlantic Area, all thanks to European transnational cooperation.

## INTERREG ATLANTIC AREA PROGRAMME

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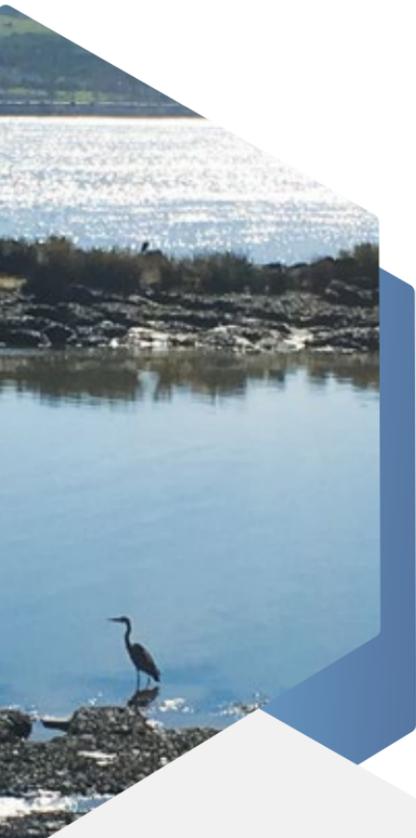
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# January '20

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## *Support the creation of an innovation business environment to foster competitiveness*

**4HCREAT** develops innovative products and services oriented towards the new trends in the market looking at the opportunities arising from the digital technology and economy.

**ADSA** exploits the opportunities offered by the digital economy to support the creative industry and Atlantic Area startups which want to go international.

**AHFES** aims to achieve an ecosystem of healthy food in the Atlantic Area of four propellers (public authorities, industries, research and citizens) for the growth of SMEs.

**ATLANTICFOODEXPORT** aims to improve competitiveness and increase exports of the Atlantic Area food sector SMEs primarily by encouraging business corporation initiatives, such as export consortia.

**DAIRY4FUTURE** increases the competitiveness and sustainability of dairy farms in the Atlantic regions.

**EMPORIA4KT** promotes collaboration between academia, businesses and governments for innovation and competitiveness in the blue economy.

**ENHANCEMICROALGAE** deals with the competitiveness of microalgae based industry through the transfer of technological and economic expertise to the commercial sector.

**FANBEST** supports technology transfer in SMEs in the fields of blue technology and marine resources.

**USERFACTOR** strengthens innovation in SMEs by supporting them to use design as a tool for user-driven innovation.

## February '20

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## *Invest in the sustainability of the seafood sector*

**ACCESS2SEA** improves the attractiveness of the Atlantic shore for aquaculture SMEs by enabling and providing an easier access to new business opportunities.

**AGRITOX** provides the food and feed industry with toxicity alert systems and risk management plans to prevent and mitigate the contamination by mycotoxins, a major concern for human health.

**ALERTOX-NET** aims to facilitate market delivery of safer marine food products by placing urgently needed innovative toxicity alert systems in the value chain.

**CEPHS&CHEFS** aims to find new markets and develop new products based on cephalopods, helping and making fishermen more competitive in the Atlantic Area.

**NANOCULTURE** provides a risk assessment of the environmental contamination of nanomaterials in aquaculture, investigates their effects on products and the impact on human intake.

**SAFER** improves the innovation performance of the seafood sector by increasing technology adoption and cooperation, giving response to the challenges of this high potential sector for the smart growth of regions.

**SEAFOODAGE** exploits seafood to develop a healthy diet for older citizens, while producing innovative eco-packaging and smart labels under the circular economy principles.

**SEATRACES** deals with labelling and traceability of fisheries and aquaculture for a sustainable seafood production.

# March '20



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© European Marine Energy Center



## *Foster the marine sector innovation*

**AT-VIRTUAL** aims to improve the operability and performance of Maritime Safety Training Centers through the capacity, prevention and response to maritime incidents and emergencies in Atlantic waters.

**CONSORTEX** encourages the creation of export consortia formed by European SMEs of naval parts to increase competitiveness, with a focus on innovation and technological development.

**IFADO** develops innovative products exploiting conventional monitoring programmes of the Atlantic Ocean with emerging technologies such as gliders, ocean buoys and satellite data.

**IN4.0** improves the competitiveness of the naval sector companies through the adaptation of the traditional productive model towards the Industry 4.0, guaranteeing the sector's endurance in a very demanding technological innovation market.

**KETMARITIME** exploits Key Enabling Technologies in the marine sector to improve the socioeconomic situation through innovation and transnational cooperation.

**PROTOATLANTIC** will develop a model for the prototyping and exploitation of innovative ideas in the maritime sector, in the fields of Renewable Energy, Marine Robotics and Blue Biotechnologies.

## April '20

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## *Generate new ideas, products and processes to meet social and health needs*

**ATLANTICKETMED** aims to create a pilot manufacturing ecosystem using the Key Enabling Technologies for biomedical products to produce the next generation of medical devices.

**ATLANTICSOCIALLAB** develops and promotes social innovation to respond to key growing social issues in the Atlantic Area within citizens, third sector, social enterprises and public sector.

**AYCH** supports young people interest in the creation of startups in the creative industry, with training and mentoring leading to the realisation of their business ideas.

**BLUEHUMAN** develops innovative products in the biomedical sector, based on a sustainable exploitation of marine resources.

**NEUROATLANTIC** creates a network for collaboration on research on neurological diseases aiming at the development of new treatments and diagnostic options.

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# May '20

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9 May - Europe Day





## ***Promote initiatives devoted to the use of renewable energy sources***

**ARCWIND** contributes to the transition to floating wind platforms by performing assessments of wind energy potential in exposed sites in the Atlantic Area.

**BLUEGIFT** assists companies in testing the generation of new marine renewable energy technology in real sea environments.

**DURABLE** applies aerospace and robotics technologies in operation and maintenance activities in wind and solar energy systems.

**EERES4WATER** promotes the use of renewable energy sources and energy efficiency to overcome the energy-water nexus challenges, by introducing new processes and technologies and influencing related policies.

**GEOATLANTIC** promotes the use of geothermal energy in the communities to make possible the creation of favorable local ecosystems, both for heat and power.

**HYLANTIC** encourages the use of hydrogen as a source of energy and provides high energy efficient solutions to strategic sectors of the Atlantic Area.

**MONITOR** investigates the reliability of tidal energy converters, providing better quantification of technical risks and more robust tidal energy converters design.

**PORTOS** promotes the use of renewable energy in the Atlantic ports to achieve energy self-sufficiency, reducing gas emissions and air pollution.

**REDAWN** aims to improve the energy efficiency of water suppliers through the installation of innovative micro-hydropower technology.

**SEAFUEL** supports the use of renewable fuels in local transportation in specific regions of the Atlantic Area.

## June '20

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## *Support initiatives devoted to the resource efficiency towards a green economy*

**BLUEPORTS** improves port based services for the discharge and treatment of ships effluents by designing and testing port reception facilities for waste disposal to stop waste discharge at sea.

**CIRCULARSEAS** encourages the development of eco-innovative or green products, parts and components of maritime industries by combining the use of 3D technology with the recycled ocean plastic waste and biodegradable, renewable and high performance polymers.

**INTEGRATE** facilitates the industrial transition towards Integrated Multi-Trophic Aquaculture in the Atlantic Area, improving the quality and public perception of aquatic products, contributing to a more sustainable and competitive aquaculture.

**NASPA** will develop a new generation of bioproducts based on bioactive compounds that prevent fungal pathogens in crops and plant disease.

**NEPTUNUS** promotes the seafood sector by supplying a consistent methodology for product eco-labelling and by defining eco-innovation strategies for production and consumption under a circular economy approach, addressing the water-energy-seafood nexus.

# July '20

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## **Strengthening risk management systems**

**AA-FLOODS** enhances floods risk management and response by improving the tools of prevention, alert and crisis management and through local capacity building.

**AGEO** aims to launch several Citizens' Observatory pilots on geohazards, engaging local communities to actively participate in risk preparedness and monitoring and incorporating local capacities into risk management systems.

**MYCOAST** aims to build a coordinated Atlantic Coastal Operational Observatory in the Atlantic Area, joining capabilities from all partners, towards the improvement of coastal monitoring and forecasting tools to support threat and emergency response.

**SIRMA** aims to develop a robust framework for the management and mitigation of extreme natural events in rail and road infrastructure, by implementing a systematic methodology of measures to increase the resilience of these infrastructures.

# August '20



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© RISKAQUASOIL



## *Improve capacity to adapt to climate impact*

**PRIMROSE** provides a risk assessment and strengthens the risk management of the aquaculture sector in the context of climate change. It will develop a medium term risk forecast and a long term assessment of climate impact on harmful algal blooms and pathogens.

**RISKAQUASOIL** works on a management plan for risks in soil and in water to improve the climate resilience of the Atlantic rural areas, fighting the adverse effects of climate change, especially on agricultural lands.

**TRIPLE-C** is focused on the analysis, evaluation and capitalization of successful EU projects on the prevention and management of risks deriving from climate change, aiming at disseminating and transferring the best practices and results identified into policy making.

## September '20

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## *Promote cultural identity to make the Atlantic a more attractive place to live*

**ATLASWH** intends to create a network of urban World Heritage Sites, by addressing common challenges related to the protection of their identity, while enhancing their cultural assets, in order to stimulate heritage-led economic and cultural development.

**BODAH** improves the management of historical cities and sites of cultural interest, by exploiting technology and innovations and the insights provided by smart cities and smart data.

**CAPITEN** enhances local cultural heritage by promoting the marine leisure industry. This project aims to create an Atlantic cluster for the technology and economic innovation in the nautical sector.

**MMAH** helps to preserve the identity of the Atlantic coastal edge, through the recovery and valorization of disused maritime, military and industrial heritage.

**TIDE** aims to develop a new type of historical marine tourism, using new technologies and enhancing sites that have been underused, like shipwreck sites to create a new visitor experience.



## October '20

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## ***Secure the natural heritage and the richness of the existing natural resources***

**ATLANTICCULTURESCAPE** enhances the Atlantic intangible cultural heritage, such as lands and seascapes to deliver creative solutions and develop innovative mechanisms to maximise common opportunities in the tourism offer.

**ATLANTICGEOPARKS** promotes and disseminates the geological and cultural heritage of the Atlantic Geoparks to attract tourist flows and new economic activity.

**ATLANTICNETSKY** aims to create a network of Atlantic natural sites as astrotourism destinations, a tourism product - astro - using the night sky as its main attraction.

**ATLANTICONBIKE** promotes cycle tourism and car free tourism, through the development of the EuroVelo1 cycle route, an unique cycling-tourism destination for a green growth of the Atlantic regions.

**TRAILGAZERSBID** measures the economic and social impact of investing in trail infrastructures in natural areas and explores the new technologies to showcase the offer of regions through virtual experiences.



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# November '20

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## **Tackling threats to biodiversity in coastal and inland waters**

**CLEANATLANTIC** addresses the challenge of marine litter pollution and aims to protect biodiversity and ecosystem services in the Atlantic Area by improving capabilities to monitor, prevent and remove marine litter.

**JONAS** addresses threats to biodiversity from underwater noise pollution on sensitive species in the Atlantic by streamlining ocean noise, monitoring and risk management on a transnational basis.

**MONITOOL** assesses the chemical status of transition and coastal waters, testing and encouraging the use of passive sampling devices to monitor water quality, against emerging pollutants.

**OCEANWISE** aims to reduce the presence of polystyrene materials in ocean waters by adopting the best practices, through the manufacturing, recycling and uptake of foamed polystyrene.

## December '20

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## ***Protect biodiversity and ecosystems' services***



© COCKLES

**3DPARE** develops innovative artificial reefs to protect or recover marine habitats. Biodiversity-oriented reefs will be shaped by large-scale 3D printing with focus on innovative designs, low-impact, resistant and bio-receptive materials and their behaviour in marine environment.

**ALICE** protects coastal and terrestrial biodiversity while assuring human social and economic activities, through the implementation of Blue and Green Infrastructures to adapt to climate change.

**ATLANTICPOSITIVE** aims to control vespa velutina, a predator of bees and other pollinators, that were accidentally introduced in Europe and poses a threat to biodiversity.

**CABFISHMAN** supports small scale fisheries to strengthen the protection of marine resources by moving towards an ecosystem management, increase the knowledge of their spatial activity in the Atlantic and their impact on biodiversity.

**COCKLES** assesses the health of the cockle population and quantifies the benefits they have on local economy, providing new techniques of cockle management for producers, administrations, environmental agencies and NGOs.

**DIADES** will enhance ecosystem services by laying down common rules for managing diadromous fish under climatic change conditions and promoting an increased regional cooperation for the conservation and exploitation of these species.

**EBB** enhances cooperation between marine biobanks, which provide Marine Biological Resources to academic and industrial researchers, becoming the backbone for the search of unique marine genes, bio-actives and biomaterials with potential for commercial development and job creation.

**MOSES** aims to examine the blue growth path for the sustainable development of the major ocean economy sectors, such as marine and coastal tourism, shipping, marine energy and aquaculture.