



PROMOTING **SMART,**
SUSTAINABLE AND
INCLUSIVE GROWTH
FOR THE ATLANTIC AREA

PROMOTING ENTREPRENEURSHIP AND INNOVATION IN THE ATLANTIC AREA

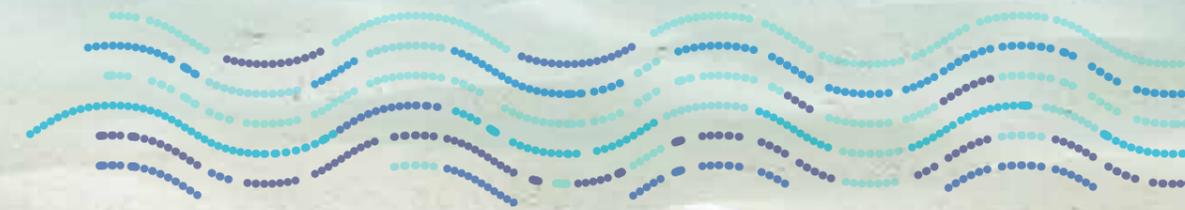
3RD ATLANTIC STAKEHOLDER
PLATFORM CONFERENCE

27 SEPTEMBER 2016 - Dublin, Ireland



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AGENDA

Conference moderated by Karen Coleman

09.00-09.30	WELCOME ADDRESSES <ul style="list-style-type: none">• Brendan Carr, Lord Mayor of Dublin• Michael Creed TD, Government of Ireland - Minister for Agriculture, Food and the Marine• Karmenu Vella, Commissioner for Environment, Maritime Affairs and Fisheries, European Commission• Deirdre Clune, Member of the European Parliament• Alain Cadec, Member of the European Parliament (video message)
09.30-10.15	ATLANTIC PROJECT AWARD CEREMONY
10.15-10.45	COOPERATION AND FUNDING OPPORTUNITIES IN THE ATLANTIC AREA <ul style="list-style-type: none">• Vicente Rodriguez Saez, Directorate-General for Regional and Urban Policy, European Commission• Alexandros Chloros, Support Team for the Atlantic Action Plan, Networking and Matchmaking possibilities
10.45-11.15	COFFEE BREAK, MATCHMAKING AND EXHIBITION STANDS
11.15-12.45	PLENARY OPENING SESSION PROMOTING ENTREPRENEURSHIP AND INNOVATION IN THE ATLANTIC AREA: FROM ATLANTIC POLICY OBJECTIVES TO BEST PRACTICES <p>How do policies support innovation and entrepreneurship in the Atlantic Area?</p> <ul style="list-style-type: none">• Peter Joyce, UK Department for Business Innovation and Skills• María Muñoz, Senior Advisor, Programming and Evaluation of EU Funds in the Spanish Ministry of Finance and Public Administration <p>Illustration of best practices based on concrete stories from successful entrepreneurs/innovators in the Atlantic area:</p> <ul style="list-style-type: none">• John Daly, Principle of Sláinte Ól Teo: case study on the Functional Drink ('Liquid')• Joe Greaney, Director of WestBIC, Ireland and President Emeritus of EBN (European Business and Innovation Centre Network): Applied Innovation supports in place to bring creativity to Market

	Demonstration of how particular maritime and fisheries transnational networks/clusters promoting entrepreneurship and innovation have developed best practices <ul style="list-style-type: none">• Nuno Almeida, CCDRN - Norte Portugal Regional Coordination and Development Commission• Valerie Cummins, Irish Maritime and Energy Resource Cluster – IMERC <p>International dimension of Innovation in the Atlantic area Update on Galway Statement implementation - state of play, synergy with the Atlantic Strategy</p> <ul style="list-style-type: none">• Jacques Fuchs, Directorate-General for Research and Innovation, European Commission <p>ATLAS project – A trans-Atlantic assessment and deep-sea ecosystem-based spatial management plan for Europe</p> <ul style="list-style-type: none">• Antony Grehan, National University of Ireland Galway• David Murphy, Aqua TT
12.45-14.00	LUNCH, MATCHMAKING AND EXHIBITION STANDS
14.00-15.15	FIRST ROUND OF FOUR PARALLEL WORKSHOP SESSIONS
15.15-15.30	BREAK, MATCHMAKING AND EXHIBITION STANDS
15.30-16.45	SECOND ROUND OF FOUR PARALLEL WORKSHOP SESSIONS
16.45-17.30	COFFEE BREAK, MATCHMAKING AND EXHIBITION STANDS
17.30-18.15	PLENARY CLOSING SESSION <p>17.30-17.45 - ATLANTIC CITY OF THE YEAR AWARD 17.45-18.00 - PRESENTATION OF WORKSHOP SESSIONS OUTCOMES 18.00-18.15 - CLOSING WORDS</p> <ul style="list-style-type: none">• Felix Leinemann, Directorate-General for Maritime Affairs and Fisheries, European Commission• Marcella Smyth, Irish President of the Atlantic Strategy Group
18.15 -19.00	COCKTAIL RECEPTION

WORKSHOPS

First round of workshop sessions



WORKSHOP 1A

MARINE TEST SITES AND DEMONSTRATION AREAS: HUBS TO DRIVE BLUE TECHNOLOGIES INTO THE MARKET PLACE

Organiser: The Oceanic Platform of the Canary Islands (PLOCAN)

Summary: Emerging economic activities covered within the Blue Growth strategy, such as blue biotechnology, new marine sensing technologies, autonomous vehicles and other maritime robotic technologies, offshore aquaculture and ocean renewable energies, represent key areas to develop innovative technologies and services to compete in global markets. However, products in these sectors are not being introduced fast enough to the marketplace primarily due to technical and financial barriers for sea conditions' testing.

This specialised workshop has been designed to provide a match-making opportunity and an experience and best practice exchange framework among relevant stakeholders and experts of the North East Atlantic Regions. The aim is to highlight this challenge and propose short-, mid- and long-term solutions to speed up the introduction of these new technologies in the market.

Moderator: Joaquín Hernández-Brito, The Oceanic Platform of the Canary Islands (PLOCAN)

Speakers:

- **Matthew Finn**, European Marine Energy Centre (EMEC)
- **Miguel Lopes**, Wave Energy Centre (WaVEC)
- **John Breslin**, SmartBay Irelands

WORKSHOP 1B

SUPPORTING IMPLEMENTATION OF MARITIME SPATIAL PLANNING IN THE CELTIC SEAS (SIMCELT): EXPLORING ENTREPRENEURSHIP AND INNOVATION OPPORTUNITIES

Organiser: SIMCelt (University of Liverpool)

Summary: The workshop connects with the Atlantic Area ambitions to create sustainable growth in coastal and marine regions and drive forward the "blue economy" while preserving the environmental and ecological stability of the Atlantic Ocean. It aims to:

- Provide interactive participation with an inspiring new method of stakeholder engagement related to Maritime Spatial Planning (the MSP Challenge board game – see (<http://www.mspchallenge.info/short-sea-shipping-edition-2016.html>))
- Facilitate discussion of MSP for providing opportunities for related entrepreneurship and innovation, including the potential for associated AAP-related projects.
- Introduce the SIMCelt project as a practical example of transnational working on MSP that connects to the Atlantic Action Plan.

Moderator: Sue Kidd, SIMCelt (University of Liverpool)

Speakers:

- **Igor Mayer, Breda**, University of Applied Sciences in the Netherlands
- **Rhona Fairgrieve**, Scottish Coastal Forum
- **Xander Keijser**, Rijkswaterstaat, the Netherlands
- **Andronikos Kafas**, Marine Scotland Science

WORKSHOPS

First round of workshop sessions

WORKSHOP 1C

BRIDGING SKILLS GAPS IN THE MARITIME SECTOR: HOW TO ADAPT MARITIME TRAINING TO THE INDUSTRY'S NEEDS?

Organiser: CPMR Atlantic Arc Commission

Summary: As an emerging sector, the Marine Renewable Energy industry needs and will need more workers with new specific skills. Technological innovation does not always go hand in hand with training innovation. Links between training providers and industry are currently fragmented which poses a risk that future graduates will not receive training adapted to their future employers' needs.

The aim of the workshop is to better understand what is needed from the industry sector, how training centres/universities evolve to match these needs and to what extent do regional authorities support these training programmes to create non-relocatable workforce in their Regions. Proposals to bridge this skills' gap will be presented and recommendations on how to improve engagement between industry and academia, with the support of maritime clusters and regional authorities will be discussed.

Moderator: **Pauline Caumont**, CPMR Atlantic Arc Commission

Speakers:

- **Sébastien Pilard**, Regional Council of Pays de la Loire Region
- **Robert Lynch**, Halpin Centre for Research and Innovation at National Maritime College of Cork (NMCI)
- **António Sarmiento**, Wave Energy Center (WavEC)

WORKSHOP 1D

BLUELABS.I/O – DEVELOPING A COLLABORATIVE OPEN INNOVATION NETWORK FOR THE ATLANTIC BLUE ECONOMY

Organiser: Vertigolab

Summary: Open innovation, local development and European networking can be drivers of change for European fisheries and aquaculture professionals. The project proposal BlueLabs.I/O combines these principles in an innovative approach for the development of services and applications addressing the challenges of maritime professionals, in particular the fisheries sector. Based on the experience of hack-a-thons, the BlueLabs.I/O project proposal intends to demonstrate the added value of connecting and integrating "BlueHacks", open innovation events at the Atlantic basin level organized by teams of researchers, fisheries professionals, students and non-institutional actors of the open-innovation such as FABLABs & Makerspaces.

The BlueLabs.I/O workshop organised by the Vertigolab think&do tank and delivered by experts involved in various domains, will explore opportunities and existing cases of open and participative innovation applied to the fisheries sector.

Moderator: **Serge Gomes da Silva**, Vertigolab

Speakers:

- **Pedro Salazar**, INESC TEC
- **Dan Watson**, Satellite Applications Catapult

WORKSHOPS

Second round of workshop sessions

WORKSHOP 2A

CAN COMBINING BLUE SECTORS IN MULTIPLE-USE OF SPACE OR MULTI-PURPOSE PLATFORMS PRODUCE VIABLE BUSINESS CASES: CASE STUDY ANALYSIS USING MARIBE H2020 PROJECTS

Organiser: Maribe project, MaREI Centre, UCC

Summary: The workshop will focus on the debate of efficient use of the ocean spaces. The workshop will explore whether the concept of combining Blue Growth sectors is truly viable. What are the barriers facing the combinations? Technical, economic, environmental and risk barriers will be further discussed. Respective case studies from Maribe projects will be presented. The workshop aims to gather feedback from a wide audience relevant to the Atlantic Action Plan and formulate advice to key stakeholders such as companies, investors and EU policy entities.

Moderator: Gordon Dalton, Maribe Project Coordinator, MaREI Centre, UCC

Speakers:

- Mike Blanch, BEng (Hons), BVG Associates
- Hannah Williams, Marine Energy Research Group, Swansea University

WORKSHOP 2B

STRENGTHENING ATLANTIC COMPETITIVENESS: THE OPPORTUNITY OF A MARITIME ENTREPRENEURSHIP ECOSYSTEM PROJECT

Organiser: University of Cádiz

Summary: The maritime world in 2030 will be a connected and digital one, bringing closer integration between people and software and hardware, in such a manner that could transform the way they operate. In this new reality, the early identification of emerging technologies that will have significant value and impact on the commercial shipping, naval, and ocean space sectors will benefit policy- and decision-makers, enabling them to make the right investment decision at the right time.

The workshop will discuss the experience in driving a Maritime Entrepreneurship Ecosystem of the University of Cádiz, Business Angels Network "Océano Azul", FuVeX (start-up) and the University of Algarve. The aim is to strengthen the maritime start-up community by fostering relationships among academia, entrepreneurs and potential investors in the Atlantic Area. It will bring knowledge, methodology and experience in the different fields of a new maritime entrepreneurship ecosystem: promoting the entrepreneurial spirit and assisting maritime entrepreneurs to develop every aspect of their business plan. For a maritime start-up, each step should be simple and require the minimum investment possible.

Moderator: Luis Benito, Lloyd's Register Marine & Offshore Innovation

Speakers:

- Alejandra Brome, University of Cádiz
- Jesús Querol, Business Angels Network "Océano Azul"
- Carlos Matilla, FuVeX (start-up)
- Hugo Barros, Division of Entrepreneurship and Technology Transfer (CRIIA), University of Algarve

WORKSHOPS

Second round of workshop sessions



WORKSHOP 2C

RESILIENT COASTAL COMMUNITIES AND EFFICIENTLY MANAGED HARBOUR INLET AREAS

Organiser: Instituto Hidrográfico

Summary: All countries constantly lose territory, infrastructures and, not infrequently, human lives in littoral areas. Creating a more predictable and sustainable littoral is, therefore, a common challenge among the countries along the Atlantic area. Improving the decisions of harbour and coastal authorities requires dedicated predictive services supported by nearshore hydro-morphological products for all space and time scales of observation.

The workshop will consider the use of:

- New remote sensing sensors on board satellites as well as Unmanned Aerial Systems (UAS) to obtain topo-bathymetric estimates even under rough weather conditions;
- New concepts on video surveillance to complement the topo-bathymetric estimates; and
- A monitoring system of the littoral area integrating different instruments capable of obtaining environmental data under energetic wave conditions.

The workshop specifically seeks to be a forum of discussion of:

- Instruments required to improve the resilience of coastal communities to natural disasters, and
- Economically affordable predictive management tools for harbour authorities.

Moderator:

- **António Jorge da Silva**, Instituto Hidrográfico

Speakers:

- **Paulo Baptista**, University of Aveiro
- **Michael Kennelly**, Shannon Foynes Port Company (SFPC)
- **François-Régis Martin-Lauzer**, ACRI-HE

WORKSHOP 2D

OPEN DATA FOR BLUE GROWTH IN THE ATLANTIC AREA

Organiser: European Marine Observation and Data Network (EMODnet)

Summary: Data from the marine and coastal environment are a valuable asset and provide the basis for creation of Marine Knowledge. Better quality and more easily accessible data are prerequisites for innovation and further sustainable economic development in the Atlantic area.

The workshop will consider progress, challenges and opportunities associated with current efforts to streamline the marine knowledge value chain: from observation and collection of marine and coastal data to information, products and services for intermediate and end-users. The aim is to discuss with the conference audience, in particular maritime industry stakeholders, the opportunities and challenges associated with open sharing of data, as well as the subsequent development of marine data products and services for users, to promote and implement the Marine Knowledge 2020 strategy in the Atlantic area.

To this end, the workshop will share results and experiences from maritime clusters, the EMODnet Atlantic Checkpoint and the transatlantic seabed mapping collaborations in the framework of the Atlantic Ocean Research Alliance (AORAC).

Moderators:

- **Iain Shepherd**, Directorate-General for Maritime Affairs and Fisheries
- **Jan-Bart Calewaert**, European Marine Observation and Data Network (EMODnet)

Speakers:

- **Jacques Populus**, Ifremer
- **Jonathan Williams**, Marine South East
- **Thomas Furey**, Marine Institute
- **Philippe Craneguy**, Actimar

KEYNOTE SPEAKERS



Labour Councillor **Brendan Carr** was elected Lord Mayor of Dublin at the Annual Meeting of Dublin City Council on Monday 27th June 2016. He was first elected to the City Council in 1999 and re-elected in 2005. Following a five year break, he was re-elected in the Local Elections of 2014 to represent the Cabra –Finglas Ward of the North West City Electoral Area of the City. He holds a Degree in Industrial Relations from the National College of Ireland and works at the Services, Industrial, Professional and Technical Union (SIPTU) as a Trade Union Official.



Michael Creed TD was appointed Minister for Agriculture, Food and the Marine on May 6th 2016. Minister Creed was first elected to Dáil Éireann in 1989. He has held several positions on the Fine Gael front-bench including: Agriculture, Fisheries and Food (2007 – 2010); Health (1989 – 1993); Youth & Sport (1993-1994) and Education; Arts, Culture & the Gaeltacht (1994). He was first co-opted to Cork County Council in 1987. He was the Chairperson of Cork County Council for the period 2005/06. Minister Creed is currently a member of the Oireachtas Finance Committee.



Karmenu Vella is the European Commissioner for Environment, Fisheries and Maritime Affairs. He was born in Malta in 1950. Mr. Vella holds a Degree in Architecture and Civil Engineering and a MSc in Tourism Management from the University of Sheffield. He was first elected to Parliament in 1976 and has been re-elected nine consecutive times. During his political career, he has been appointed Minister for Public Works, Minister for Industry and Minister for Tourism twice. Mr. Vella has also held various senior posts in the private sector.



Deirdre Clune was elected to the European Parliament in 2014 and she is a member of the Committee on Transport & Tourism/TRAN. Ms. Clune is a former Senator and Seanad Spokesperson on Enterprise, Jobs & Innovation. She has served as Lord Mayor of Cork in 2005-06 and was elected to the 30th Dáil in 2007. She was appointed Spokesperson for Innovation and Research in July 2010. She was also previously Deputy Spokesperson on Enterprise with Special Responsibility for Innovation. Deirdre Clune was first elected to the Dáil in 1997 at her first attempt. She was the Fine Gael Spokesperson on Environmental Information and Protection, and Arts, Heritage, Gaeltacht and the Islands.



Alain Cadec is a French politician from Saint - Brieuc in France. He is a member of the Republican party and sits in the EPP Group in the European Parliament. Alain Cadec has been an MEP since 2009. Since July 2014, he is Chairman of the Committee on Fisheries. He has been rapporteur on the European Fund for Maritime Affairs and Fisheries (EMFF) and the European Atlantic Strategy. Alain Cadec was First Deputy Mayor of Saint- Brieuc from 2001 to 2009. He is also elected to the County Council of Côtes d'Armor since 2001, where he became the President after the departmental elections of March 2015. Alain Cadec works especially on issues relating to fisheries policy and maritime policy.



Vicente Rodriguez Saez is the Deputy Head of Unit at the Competence Centre for European Territorial Cooperation and Macro-Regional Strategies, Transnational and Inter-regional Unit, at DG Regional Policy. Previously, Mr. Saez was the Financial Counsellor at the Permanent Representation of Spain, responsible for Regional Policy; and a European Civil servant dealing with the management and control of ERDF programmes in DG Regional Policy. Mr. Saez holds a BSc in Business Economics and a BA in Law from the University P. Comillas (ICADE) in Madrid, Spain.



Alexandros Chloros is Director and Head of Policy Development & Evaluation at Kantor Management Consultants SA. He holds a MA in International Relations – Security Policy Studies from the George Washington University. He has over 15 years of experience managing large scale projects. Since 2015, he is the Project Leader for the Assistance Mechanism Team for the Support of the Atlantic Action Plan (AAP). During 2011-2015 he worked closely with the Commission, the IMF and the EIB on issues relating to the privatisation of ports, marinas and utility companies in Greece, while in the previous years he was mainly involved in the management of several large EU funded projects.



Peter Joyce is the Assistant Head of Advanced Manufacturing & Defence of the Department for Business, Energy and Industrial Strategy in London. His role is to work with industry and across government departments to maintain and enhance the UK's position as a maritime centre. This activity brings together representatives of the maritime sector, i.e. marine engineering, manufacturing, shipping, ports, and business services. Department priorities are exports, inward investment, research and technology, skills, marketing and promotion, regulation and policy.

KEYNOTE SPEAKERS



María Muñoz is an industrial engineer, at the Programming and Evaluation unit of the General Directorate for EU Funds, in Spain. Since 2012, she has been involved in the design and definition of the Spanish Partnership Agreement, the new governance structures, as well as the Operational Programmes co-financed by the ERDF Fund. The General Directorate for EU funds is responsible for the coordination, at national level, of all ESI Funds and has defined and promoted the use of an Integrated Territorial Investment to address the Atlantic Strategy's requirements through the Funds' management system.



John Daly, has been working in the food industry since leaving school and during this time John developed John Daly Refrigerated Foods Ltd, an all-Irish company that imported chilled food brands such as Innocent Smoothies, Utterly Buttery, Gu Puds and many more big brands. John sold this company in 2006 and studied for a business degree and an MBA. Since qualifying John started IrelandFood Ltd selling and distributing Milk and Chickens to food service and retailers in west of Ireland. He is currently about to launch a Seaweed based memory drink that has taken many years of research and development. John is also a mentor with Enterprise Ireland and Ballybane enterprise centre in Galway.



Joe Greaney is the Director of WESTBIC, the EU Business Innovation Centre for Ireland's BMW Region. Joe is a regular policy contributor at both EU and National level on many aspects of applied Innovation Support Services in the SME market. He has extensive experience in the Agri and Agri Food sector in the areas of strategy, marketing, innovation, finance and business development and plays a lead animation role in the development of new and established food producer clusters in the region. His other areas of expertise include Transnational Innovation Transfer, Entrepreneurship, Incubation, Private Equity Start-up Capital, the Innovation Process in the SME market and the relevant institutional framework, both in Ireland and in the EU. He is a fluent Gaeligeoir (Gaelic Speaker) and an accomplished tutor and trainer at both under and post graduate levels (up to post-graduate level at NUI, Galway). He is a Quality Auditor for the EU (Directorate-General Enterprise and Industry) quality assurance system among BICs across the EU and has delivered innovation relevant technical support to government institutions throughout the EU and outside. He is a former Director and President of EBN, the European BIC Network (www.ebn.be) and was a founding Director of the Galway Technology Centre and the Irish BICs Seed Capital Fund. He has served two Presidencies of Galway Chamber of Commerce and the Council of Chambers Ireland.



Nuno Almeida holds a degree in Philosophy from the University of Porto and a PhD in Diplomacy and Strategy from the Centre d'Etudes Diplomatiques et Stratégiques, from Paris, France. He has been a civil servant in the Portuguese administration for more than 25 years. He has served as Chief of Staff for two Secretaries of State in the Ministry of Agriculture (2011-2013) and as Adviser to two Ministers of Economy (1995-1996 and 2001-2002). Currently, he works for the International and Institutional Cooperation of the Norte Portugal Regional Authority.



Valerie Cummins is Co-founder and Director of Irish Maritime and Energy Resource Cluster (IMERC), an ambitious initiative to develop a global maritime innovation hub in Cork Harbour, which involves working on behalf of University College Cork, Cork Institute of Technology, the Irish Naval Service and industry. In 2010, Valerie received the UCC President's Award for Leadership for her contribution to the development of marine science in the University College Cork. In 2012, she became an Eisenhower Fellow, a fellowship that recognises emerging world leaders. Prior IMERC, she was Director of the Coastal and Marine Research Centre for ten years. In her career, she has won several major research grants such as the Griffiths and Beaufort awards and has built a significant research capacity with a team of 35 scientists. She is the Co-Chair of the international Future Earth Coast Scientific Steering Committee since 2016.



Jacques Fuchs is currently the Deputy Head of the Marine Resources Unit in the Bioeconomy Directorate of DG Research and Innovation. He is in charge of implementing Societal Challenge 2 of Horizon 2020 programme on unlocking the potential of aquatic resources and on boosting marine and maritime cross-cutting research between different parts of Horizon 2020. As Deputy Head of Unit, he also contributes to the definition and implementation of strategic research policy initiatives on innovation, sea basin strategies and engagement with citizens. Trained as a marine biologist, he worked for more than 20 years on sustainable exploitation of marine living resources in France and abroad before joining the European Commission in 2001. In the EC, he first served as Scientific Officer in DG MARE prior to being appointed in 2009 as Head of Sector for Fisheries and Aquaculture in Directorate Food, Agriculture and Fisheries and Biotechnology in DG RTD.

KEYNOTE SPEAKERS



Antony Grehan is a University (Research) Fellow in the discipline of Earth and Ocean Sciences, School of Natural Sciences, at the National University of Ireland, Galway. He is a marine ecologist who over the past 15 years has focused his research efforts on the mapping/characterisation, habitat suitability modelling, identification of impacts and conservation of Irish cold-water coral reefs and the sustainable management of deep-sea resources in general. He is currently a work package leader for the H2020 project 'ATLAS': "A Trans-Atlantic Assessment and deep-water ecosystem-based Spatial management plan for Europe".



David Murphy has been the General Manager of AquaTT for the past 16 years. AquaTT is a leader in scientific knowledge management. They are specialists in ensuring that new knowledge generated by European-funded scientific projects is effectively transferred to create maximum positive impact. AquaTT has built a multidisciplinary team from across Europe with a range of professional backgrounds in scientific research, education, business, industry, communication and graphic design. AquaTT partners with research consortia to design projects that will have positive societal impact. They collaborate with more than 250 institutions in more than 40 countries and use their team's collective expertise to create knowledge transfer and dissemination plans specifically tailored for each new project. In the last six years AquaTT have been partners in 17 FP7 and 8 Horizon 2020 EC-funded projects including being the strategic leaders of the H2020 Blue Growth Knowledge Transfer focused project COLUMBUS (www.columbusproject.eu). Building upon their experiences, AquaTT provides mentorship and training services across Europe to public and private organisations, teaching them about successful Funding Procurement, Project Management and Knowledge Transfer.



Felix Leinemann is Head of Unit for Maritime policy Atlantic, outermost regions and Arctic of the Directorate-General for Maritime Affairs and Fisheries. He has worked for the European Commission since 2003 in various fields including fisheries and maritime affairs, maritime transport and inland navigation, the EU's global navigation satellite system Galileo, intelligent transport systems, urban transport and passenger rights. Between 2012 and 2014 he worked as Transport Counselor in the EU Delegation in Washington, DC. He holds a PhD from the University of Freiburg, Germany, following law studies in Germany and Italy. Before joining the Commission, he worked as a lawyer and advocacy officer in Germany, France and Belgium.



Marcella Smyth served in Irish Aid from 2006-2010 overseeing aid programmes in Uganda, Tanzania and Mozambique. She also combined this work with a post as lecturer in social policy in Ireland's Institute of Public Administration. She has been posted as Deputy Head of Mission to Ireland's Embassy to Canada, as well as Ireland's Embassy to Belgium, serving there as Chargé d'Affaires before moving in 2012 to Ireland's Permanent Representation to the EU as press spokesperson and latterly as Ireland's maritime affairs attaché. She is the current chair of the Atlantic Strategy Group. This group, consisting of the Atlantic Member States, the EU Commission, as well as regional organisations such as the Committee of the Regions and the Conference of Peripheral Maritime Regions of Europe (CPMR), is tasked with overseeing the implementation of and providing policy guidance to the Atlantic Strategy Action Plan.

Conference moderator



Karen Coleman is one of Ireland's most accomplished journalists who now specialises in European issues. Karen is the Editor of EuroParlRadio, which reports on stories from the European Parliament. A former BBC foreign correspondent, Karen has been covering international affairs for radio and television for over two decades. She has worked for both the public and commercial broadcast industries including a ten-year stint with the BBC. She is also an entrepreneur. In 2013, she founded Planet Podium www.planetpodium.com. It provides conference and event production services for clients including the provision of professional conference moderators. Karen herself has chaired numerous high-level conferences encompassing a wide range of topics from complex EU issues to economic, environmental, health and other topics. In May 2016 she was the moderator of the European Maritime Days held in Turku, Finland. Karen also lectures in journalism at the National University of Ireland, Galway.

WORKSHOP MODERATORS AND SPEAKERS

1.A. - Marine test sites and demonstration areas: hubs to drive Blue Technologies into the market place

Organiser: The Oceanic Platform of the Canary Islands (PLOCAN)

Moderator



Joaquín Hernández-Brito is the Scientific and Technical Director of the Oceanic Platform of the Canary Islands (PLOCAN). As a researcher he has been focused on Marine Pollution Chemistry. He is Professor at the University of Las Palmas de Gran Canaria, where he has also served as Dean of the Faculty of Marine Sciences, as Director of the Research Results Transfer Office (TTO) and the Science and Technology Park and as Vice-rector for Research. He has also served as Director of the Canary Islands Institute of Marine Sciences and Director of Innovation at the Canary Islands' Technological Institute.



Miguel Lopes heads the Monitoring and Technology team at Wave Energy Centre (WavEC) working on offshore technology applied to offshore renewable energy. His current technical work spreads across the sectors of wave energy, floating offshore wind, subsea engineering and offshore operations. Previously he was a researcher at the Wave Energy Group at Instituto Superior Técnico and worked in construction engineering. He holds a MSc. in Civil Engineering and a PhD in Mechanical Engineering from IST. Projects he has been involved in include: Waveport, Marinet, Oceanet, SeaWEC, Surge, Wavetrain2, Demowfloat.

Speakers



Matthew Finn is a Senior Business Development Manager at European Marine Energy Centre (EMEC). He works with a range of leading organisations to establish new areas of business development in the marine renewables sector. He manages the bid development process within EMEC and works in close collaboration with in-house experts across a variety of technical disciplines.



John Breslin is SmartBay Irelands' General Manager and is responsible for the overall management of the National Research, Test and Demonstration Platform for Wave Energy Devices, Marine Sensors, Equipment and ICT Solutions. He graduated with a MSc. (Research) from the University College of Dublin. He has a proven track record in the pursuit, development and execution of business opportunities within the commercial, public and third sectors. He has worked as the commercial manager for Europe at P&O Maritime and was responsible for developing and implementing the European regions growth strategy within the Offshore Wind and government shipping Sectors. While employed at the Marine Institute, he was responsible for the Management of Ireland's Research Vessels and Deepwater ROV. He was also Co-owner and Director at Seabed Surveys International, a specialist hydroacoustic survey company.

WORKSHOP MODERATORS AND SPEAKERS

1.B. - Supporting implementation of maritime spatial planning in the Celtic seas (SIMCelt): exploring entrepreneurship and innovation opportunities

Organiser: SIMCelt (University of Liverpool)

Moderator



Sue Kidd is an academic and chartered town planner from Civic Design (the world's first planning school), which is now part of the University of Liverpool's Department of Geography and Planning. She has acted as an advisor to the EU, government departments and agencies, regional and local authorities and NGOs on various occasions. She has a particular interest in integrated planning and much of her work has focused on sustainable development particularly in relation to coastal and marine areas. She has been at the forefront of the theory and practice of Marine Spatial Planning and is currently engaged in a range of projects assisting the roll out of new marine planning and management arrangements in European seas.

Speakers



Igor Mayer is a professor in Applied Games, Innovation & Society at NHTV Breda, University of Applied Sciences & visiting professor at Beijing University of Technology & owner and director of Signature Games (www.signaturegames.eu).



Rhona Fairgrieve manages the Scottish Coastal Forum, which was set up in 1996 to be a national stakeholder engagement forum advising the Scottish Government on coastal and marine matters from an operational perspective. She was seconded to the European Commission during 2013-2015 as a member of the team, which negotiated the Maritime Spatial Planning Directive (EU/2014/89). She is currently working with Marine Scotland to successfully implement the Scottish National Marine Plan, published in March 2015, and is coordinating the development of a version of the MSP Challenge game for the Clyde Estuary in Scotland as part of the SIMCelt project.



Xander Keijser has a background in Economics and Environment & Resource Management. In 2009, he joined Rijkswaterstaat/Ministry of Infrastructure and the Environment in the Netherlands. Currently Xander is engaged in various projects related to the marine environment, and more specifically related to the North Sea. He is performing socio-economic analyses for the Marine Strategy Framework Directive, he takes part in the EU INTERREG project NorthSEE (A North Sea Perspective on Shipping, Energy and Environmental Aspects in Maritime Spatial Planning) and he is part of the core development team of the MSP Challenge (www.mspchallenge.info).



Andronikos Kafas, joined Marine Scotland Science in 2012 as a Research Scientist in Offshore Renewable Energy based in Aberdeen. His role is to provide scientific advice to the Licensing Operations Team by assessing Environmental Impact Assessment documentation submitted in support of applications for offshore renewable energy developments. He also provides specialist advice to Marine Planning and Policy Division on interactions between the marine environment and the marine renewable energy industries. He holds a BSc (Hons) in Marine Science from the University of Aegean in Greece, has graduated with a MSc in Applied Marine Ecology from the University of Aberdeen and currently undertakes a part-time PhD in Marine Renewable Energy and Marine Spatial Planning with the same university.

WORKSHOP MODERATORS AND SPEAKERS

1.C. - Bridging skills gaps in the Maritime Sector: how to adapt maritime training to the industry's needs?

Organiser: CPMR Atlantic Arc Commission

Moderator



Pauline Caumont has been the Executive Secretary of the Atlantic Arc Commission for the Conference of Peripheral Maritime Regions (CPMR) since 2011. She is responsible for the coordination of a network of 19 European Regions located on the Atlantic coast of mainland Portugal, Spain, France, the United Kingdom and Ireland. In addition to the preparation and enhancement of technical and political documents concerning the issues common to these regions (Fisheries, Transport and Marine Renewable Energies in particular) her job is to facilitate the involvement and promote the role of the Regions in the preparation and implementation of the European Atlantic Maritime Strategy.

Speakers



Sébastien Pilard is Vice President in charge of blue growth and international development within the enterprise, international development, tourism, innovation, higher education commission of the Regional Council of Pays de la Loire Region (FR). Since 2011, Mr. Pilard is also CEO of TGO, which is the port operations company in Nantes - Saint Nazaire port area. With its 150 employees, TGO covers container, bulk and general cargo activities.



Robert Lynch is a Researcher at the Halpin Centre for Research & Innovation at the National Maritime College of Ireland Co.Cork (NMCI). He joined the NMCI in September 2015 as a Lecturer & Commercial Trainer and has recently joined the research team. Between 2002 and 2014 he served as Naval Officer with the Irish Naval Service, a military sea going agency of the Irish State. During his time as a Naval Officer he fulfilled a variety of sea going roles, his most senior being the Executive Officer & Second in Command of L.E. Eithne, a Helicopter Patrol Vessel, & Naval Service Flagship. During this period he also fulfilled a training management function in which he was responsible for the design, development and management of Naval Service maritime and military training programmes. He completed a Masters of Business & Human Resources with the University of Limerick in 2014 and was awarded the Kemmy Business School Outstanding Scholar award for his work on this programme. In 2007 he completed a BSc in Nautical Science with the Cork Institute of Technology and attained his Merchant Navy Deck Officer qualifications.



António Sarmento is President of the Board of Directors of the Wave Energy Centre (WavEC), a Portuguese association in the field of Marine Renewable Energies, which is active in the field of dissemination and promotion of opportunities associated with the early development of marine renewable energy. He has a degree in Mechanical Engineering from the Instituto Superior Técnico (IST), has attended a post-graduate course in Fluid Mechanics-option Turbomachinery at the Karman Institute in Brussels, Belgium and a Doctorate in Mechanical Engineering from IST). He was an Associate professor at the Department of Mechanical Engineering at the Instituto Superior Técnico from which he retired in the summer of 2014; and has been active in the field of wave energy research for more than three decades.

WORKSHOP MODERATORS AND SPEAKERS

1.D. - Bluelabs.I/O – developing a collaborative open innovation network for the Atlantic blue economy

Organiser: Vertigolab

Moderator



Serge Gomes da Silva holds a MSc in Marine Biology and has worked for over ten years in research, science/policy partnerships, local development networks and communication of European fisheries and maritime projects. Active since 2009 within the European Fisheries Areas Network (FARNET) in the design of cooperation, capacity building and knowledge transfer in the field of sustainable development of coastal and fisheries dependent local communities, he is now leading the development of Vertigolab's blue economy think-&do-tank, with a project portfolio focused on ecosystem services, open innovation applied to coastal and fisheries economies and Atlantic co-operation.

Speakers



Pedro Salazar has an MSc degree in Electrical and Computer Engineering, with a specialisation in Telecommunications from Instituto Superior de Engenharia do Porto in 2015. He is a researcher at the Institute for Systems and Computer Engineering, Technology and Science (INESC TEC) and involved in the MareCom and BlueCom+ projects. His research interests are medium access control, 802.11-based networks, maritime-networks and ubiquitous systems.



Dan Watson is a designer and enjoys working across a broad range of fields. He currently works as Lead Designer at the Satellite Applications Catapult, a UK-government funded independent body with a focus on growing the UK space economy. He studied design at the Royal College of Art, Imperial College, the Glasgow School of Art and Glasgow University. Recently, he became actively involved in fisheries' research and development within the innovative H2020 EU project "Discardless" to provide the knowledge, tools, and methods required for the successful reduction of discards in European fisheries. Winner of the London Fishackathon 2016 and designer of the Safetynet fishing gear awarded by Dyson & Victorinox, he is deeply involved in the design of open innovation projects targeting fisheries' sustainability.

2.A. - Can combining Blue Sectors in multiple-use of space or multi-purpose platforms produce viable business cases: Case study analysis using Maribe H2020 projects

Organiser: Maribe project, MaREI Centre, UCC

Moderator



Gordon Dalton is an Ocean Renewable Energy Economics Engineer and a staff member of Marine Renewable Energy Ireland (MaREI) Research, University College Cork (UCC), Cork Ireland. His specialty is techno-economics, socio-economics and business plans. He is the lead coordinator of the BG5 Maribe H2020 project which spans 1,5 years and has a budget of €2M and 10 international partners. The Maribe project proposal gained a review score of 14/15. He is the chair of the Irish Research Staff Association (IRSA) and the Vice Chair of the Cork Branch in UCC. He is chair of the International Consortium of Research Staff Associations (ICoRSA), consisting of 14 member associations, and a research network of 0.5 million researchers globally. He has completed a degree in Electronic Engineering in Trinity College Dublin (2002), and a PhD in Australia in Renewable Energy Economics (2007). Prior to the pursuit of an engineering career, he also enjoyed a 12-year spanning career in Dentistry.

Speakers



Mike Blanch, a chartered Engineer and Fellow of the Institute of Mechanical Engineers, holds an MPhil and an MSc from Cranfield University. With more than 25 years of experience mainly in the wind industry, he has provided consultancy to wind developers, financiers, the UK Government, research enablers, start-ups and large energy users. His expertise covers wind turbine technology, economic modelling, support for innovation programmes, start-up company incubation and wind farm implementation. In 2016, he led the economic modelling for the Marine Investment for the Blue Economy (MARIBE) project, analysing 22 potential commercial combination projects in Blue Economy sectors. He also led BVG Associates' delivery of the Department of Energy and Climate Change's UK Renewables Service, which supported the deployment of wind energy in the UK and the growth of the UK supply chain. He is a founding member and technical adviser to the board of the 6.5 MW Westmill co-operative wind farm, which came online in February 2008.



Hannah Williams graduated with a BEng (Hons) in Civil Engineering in 2003, after which she went to work for a large civil engineering consultancy involved in all aspects of design and construction of infrastructure projects throughout the UK. She returned to university, and graduated in 2010 with a MSc in Environmental Engineering, this was followed by a PhD investigating uncertainty in the prediction of wave overtopping completed in 2015. She then went to work for a marine energy developer carrying out modelling of power generation, finances and coastal processes. She now works at Swansea University as a research assistant in the Marine Energy Research Group working on a variety of projects within this sector.

WORKSHOP MODERATORS AND SPEAKERS

2.B. - Strengthening Atlantic competitiveness: the opportunity of a Maritime Entrepreneurship Ecosystem Project

Organiser: University of Cádiz

Moderator



Luis Benito is currently the Director for Innovation, Strategy and Research for Lloyd's Register Marine & Offshore globally. He is based at the Southampton Group Technology Centre (GTC). Until earlier this year, he was Director of Marketing. He has had a long-standing career with Lloyd's Register and his roles have encompassed the globe, including Spain, Singapore, Southampton and Korea, where he was the Country and Marine Manager from September 2008 to May 2012. He joined Lloyd's Register in January 1992 and holds a degree in Naval Architecture and Marine Engineering from Madrid Polytechnic University, Spain.

Speakers



Alejandra Brome is an Automation and Industrial Electronics Engineer from the University of Seville, Spain, and has received extensive training in Intellectual Property Rights and Copyrights, Entrepreneurship, Creativity, Innovation, and R&D Management. Since 2003, she is working at the Technology Transfer office of the University of Cádiz, where her main tasks are identifying research results and capacities of research groups, fostering the creation of spin-off companies and advising researchers and companies on university-enterprise cooperation options. She has participated in European funded projects on good practice exchange on knowledge transfer, and has also developed two national projects on knowledge transfer. She is responsible for the Entrepreneurship programme at the University of Cádiz.



Jesús Querol is a naval engineer with a BSc and MSc in Naval Architecture and Marine Engineering from the Madrid Polytechnic University and a Master Executive in Global Entrepreneurship from Escuela de Organización Industrial Business School. Currently he is Director at the Business Angels Network "Oceano Azul" in Madrid, creating a venue for maritime entrepreneurs, start-ups and Angel investors to learn, grow, invest and leap to success. His focus is in the creation of an innovative and friendly business environment to attract new investments and activity in the maritime and marine RDI fields, working in accordance with the Regional Smart Specialisation Strategies. He has held numerous maritime and shipbuilding positions and has participated to a variety of national and international projects in these fields.



Carlos Matilla is a developer of innovative ideas. He holds a MSc in Aerospace Engineering from the Technical University of Madrid (Spain). Since 2010 he has been active in the design and construction of unmanned vehicles and has participated to numerous competitions and exhibitions internationally. Currently he is the CEO of FuVeX, focusing on creation of the Unmanned Aerial Vehicles (UAVs) also known as drones. FuVeX has developed the QPCA, an aircraft taking off / landing vertically from any flat surface with the flight range of an airplane and with cost savings of up to 50% compared to other drones that are in the market today.



Hugo Barros has a PhD in Innovation and Land Use Management from the University of Algarve (Portugal) and has extensive experience in new business development. He is currently the Coordinator of CRIA (Division of Entrepreneurship and Technology Transfer) at the University of Algarve. He is engaged in technology-based entrepreneurship and knowledge, supporting the creation and development of business projects. He supports academic and non-academic knowledge-based entrepreneurship as well as technology-transfer from the knowledge centres of the University of the Algarve. He actively participates in the development and implementation of international partnership projects funded by the European Commission.

WORKSHOP MODERATORS AND SPEAKERS

2.C. - Resilient coastal communities and efficiently managed harbour inlet areas

Organiser: Instituto Hidrográfico

Moderator



António Jorge da Silva is a physical oceanographer in charge of the environmental monitoring area in the Oceanography Division of Instituto Hidrográfico, Portugal. He manages the coastal meteorological network and is responsible for the design and establishment of new monitoring projects. Having been in charge of many of the Institute's contributions to several projects since 1989, he is currently the leader of the Institute's representation to the RAIA Coastal Observatory, where he promotes innovative approaches to the observation methods of littoral processes.

Speakers



Paulo Baptista is a graduate in Geology from the University of Porto and has a PhD in Geosciences from the University of Aveiro. Currently he is Assistant Researcher at the Centre for Environmental and Marine Studies of the University of Aveiro. His work is related to the development of innovative systems for morphodynamic coastal monitoring. He leads and participates in several research projects. During the past ten years, he has been responsible for planning, coordinating and executing more than a hundred missions to Portuguese and Spanish coastal shores focusing on research projects, advanced student trainings, consulting activities and collaboration protocols with other institutions.



Michael Kennelly is Harbour Master with Shannon Foynes Port Company (SFPC), responsible for the safe navigation of all commercial shipping on the Shannon Estuary. He joined SFPC in 2012, after a career spanning 20 years as an Operations Officer with the Irish Navy. Conservancy of the shipping channel is a particular concern, with the general user facility at Limerick being some 40 miles upriver from the mouth of the Estuary. In addition to operating facilities at Foynes, Shannon and Limerick, SFPC manages 3rd party terminals at Moneypoint and RUSAL Aughinish.



François-Régis Martin-Lauzer, after starting his career as a sailor some 40 years ago, which was soon followed by a tour as a scientist at the Institut de Physique du Globe de Paris, held various positions in the Ministry of Defense (Navy, Armament Procurement Office, Hydrographic Office), in Research Institutes (IFREMER, FR Naval Underwater Centre, CRME-NURC-SACLANTcen) and in the private sector (sales & development manager for planes, helicopters and ships markets). A chartered surveyor, Project Manager and public agencies' manager, he currently leads SMEs in various countries (France, UK, Luxembourg, Morocco), all working in remote sensing, mapping, oceanography, land survey, hydrology and hydraulics, as well as georeferenced data services. He has been one of the founders of the maritime cluster of Brittany in the 80s, and of Liguria 10 years ago.

WORKSHOP MODERATORS AND SPEAKERS

2.D. - Open data for Blue Growth in the Atlantic area

Organiser: European Marine Observation and Data Network (EMODnet)

Moderator



Iain Shepherd is a senior expert at the Directorate General for Maritime Affairs and Fisheries. A physics graduate, he worked for many years at the Joint Research Centre (JRC) in support of scientific EU policies on issues such as nuclear reactor safety, humanitarian aid and fisheries control. He provided technical expertise to the inter-Commission service group that was set up to develop a more integrated approach to the EU maritime policy, subsequently joined the Task Force within the Directorate General for Maritime Affairs and Fisheries and then moved to the Atlantic, Outermost Regions and Arctic Unit. He has contributed to a number of initiatives aimed at promoting growth in the blue economy and has special responsibility for the Marine Knowledge 2020 initiative to widen access to information about the sea and for a new process to obtain an agreed picture of the nature, size and dynamics of the EU's blue economy.



Jan-Bart Calewaert trained as a bio-Engineer in Cellular and Genetic Biotechnology, and later in Marine Environment Management. He has been involved in a range of multidisciplinary research projects and science policy advisory bodies in support of marine research, sustainable management of marine and coastal environments and related policy frameworks. He has experience working at the interface between science and policy, combining his broad expertise in marine sciences with knowledge of the marine and maritime policy landscape in Europe. He has previously worked for the European Marine Board (EMB), while currently he is Head of the Secretariat for the European Marine Observation and Data Network (EMODnet).

Speakers



Jacques Populus is a Civil Engineer who originally specialised in applications of high resolution remote sensing to coastal studies. He is head of the Geomatics applications service team at the French Research Institute for Exploration of the Sea (IFREMER), France. After working for many years on projects related to aquaculture, recently he specialised in mapping marine coastal habitats and their associated environmental parameters, both in terms of surveys, interpretation and modelling. He has been the coordinator of European Marine Observation and Data Network (EMODnet), Seabed Habitats thematic lot since 2012, and currently also coordinates the European Marine Observation and Data Network (EMODnet) Atlantic Seabasin Checkpoint.



Jonathan Williams is a Chartered Mechanical Engineer with a PhD in Mechanical Engineering and specialist skills in consortium-building and definition of novel business models. He has significant experience in marine and offshore industrial engineering, project management, as well as in innovation policy development as he has led an innovation management company operating at the university/business interface for 10 years. At present he is the CEO of the Marine South East, which has been trading since 2005 as a not-for-profit marine sector organisation interacting with more than 2000 businesses across the marine and maritime sectors.



Thomas Furey is the manager of Advanced Mapping Services at the Marine Institute, Ireland. He is also the joint programme manager (with GSI) of INFOMAR, the Irish national marine resource mapping programme. He coordinates marine survey operations, and promotes research development in the applied use of seabed mapping data and technologies and its potential for business development. One of the activities of his team is identifying and targeting research in areas with potential business development opportunities relating to the marine.



Philippe Craneguy is the Deputy General Manager of Actimar, France. He holds a PhD in Physical Oceanography and is in charge of Actimar's innovation and commercial development. Actimar is a service company devoted to maritime and coastal activities including: (i) metocean studies and high resolution coastal oceanography; (ii) high resolution remote sensing by radars and optical sensors (lidar and hyperspectral); and (iii) development and implementation of operational systems for decision making aids. Actimar focuses especially on developing innovative products tailored to the requirements of professional stakeholders and users of the sea.

EXHIBITORS



AquaTT (IE)

www.aquatt.ie

AquaTT is a leader in scientific knowledge transfer and dissemination and partners with research consortia to design projects that make a difference. It devises best practice work packages related to dissemination, communication and knowledge transfer. Traditionally AquaTT has worked with the marine and aquaculture research sectors, but recently has become involved in projects in the areas of environment, health, food and sustainable development.

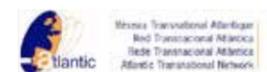


Atlantic Ocean Research Alliance Coordination and Support Action (AO-RA-CSA)

www.atlanticresource.org

AORA-CSA is tasked with supporting the implementation of the Galway Statement signed on 24/05/2013. It provides scientific, technical and logistical support to the European Commission in developing and implementing trans-Atlantic marine research cooperation between the EU, the USA and Canada. AORA-CSA focuses on:

- Implementing the Galway Statement and supporting the Atlantic Ocean Cooperation.
- Improving the international cooperation framework of marine research programmes - creating the basis for the development of future large-scale joint international marine research programmes.
- Establishing a long term knowledge sharing platform for easy access to available information and data holding international research significance for Ocean Management.



Atlantic Transnational Network (ATN) – Réseau Transnational Atlantique (RTA)

www.rta-atn.eu

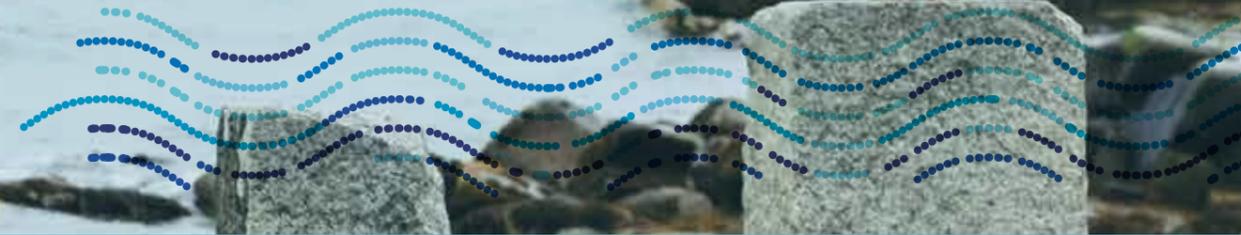
ATN is a platform for cooperation of civil society in the Atlantic Area. It serves as a means for organised civil society to express its concerns and provides its members with a framework in which to reflect and work together on matters of common interest to the Atlantic area and its regions which are brought before European, national and regional authorities. ATN is made up of the Conseils Économiques, Sociaux et Environnementaux, (CESER) of Normandie, Bretagne, Pays de la Loire, Centre Val de Loire, Aquitaine-Limousin-Poitou-Charentes in France, the Consejos Económicos y Sociales of the Basque Country, Asturias, Galicia, Andalusia and the Canary Islands from Spain and the Forum Oceano from Portugal.



Campus de Excelencia Internacional del Mar (CEI-MAR) (ES)

www.campusdelmar.com

The Campus of International Excellence of the Sea CEI-MAR is a strategic aggregation, born in 2012, grouping together Universities, Research Institutes and Social and Economic Agents with the sea in common, from the Andalucía, Southern Portugal and Northern Morocco regions. The fundamental aim



of the CEI-MAR Foundation, a body governed by Public Law with the aim of streamlining the governance of the Campus of International Excellence of the Sea and bringing together all the entities that make it up with the sea in common, is to create a high-quality academic, scientific, entrepreneurial and innovative environment. It envisages the formation of training and research of excellence in the different areas of specialisation related to the marine field. Furthermore, the CEI-MAR Foundation aims to drive the transfer of knowledge generated in the field of research and to boost the usefulness to Society of the activities carried out in the Campus, with special attention to the scientific, teaching and business fields.



COLUMBUS H2020 project

www.columbusproject.eu

The COLUMBUS project aims to ensure that applicable knowledge generated through EC-funded marine and maritime science and technology research can be transferred effectively to advance the governance of the marine and maritime sectors.



Commissioners of Irish Lights (IE)

www.irishlights.ie

Irish Lights is a maritime organisation delivering an essential safety service around the coast of Ireland, protecting the marine environment, and supporting the marine industry and coastal communities. In recent years Irish Lights has transformed services are delivered, putting the emphasis on efficiency, cost-effectiveness and sustainability, while exploiting new technology and new opportunities wherever possible.

Irish Lights is responsible for providing marine aids to navigation (AtoN) under the Safety of Life at Sea (SOLAS) convention.

- Provides and maintains over 300 general aids to navigation;
- Manages about 4,000 local aids to navigation; and
- Marks or removes dangerous wrecks outside harbour areas around Ireland.



Conference of Atlantic Arc Cities (CAAC)

www.atlanticcities.eu

CAAC is a network of territorial cooperation, based on the particular identity and challenges of the Atlantic Cities. Since 2000, the Conference of the Atlantic Arc Cities has asserted its position as an Atlantic Urban Forum, facilitating both the cooperation among its members and with other actors, creating awareness in the European institutions about issues concerning the Atlantic Cities.



Conference of Peripheral Maritime Regions (CPMR)

www.cpmr.org

CPMR brings together some 160 Regions from 24 States from the European Union and beyond. Representing about 200 million people, CPMR campaigns in favour of a more balanced development of the European territory. It operates both as a think tank and as a lobby for Regions. Through its extensive network of contacts within the EU institutions and governments CPMR has, since its creation in 1973, been targeting its action towards ensuring that the needs and interests of its Member Regions are taken into account in policies with a high territorial impact. It focuses mainly on social, economic and territorial cohesion, maritime policies and blue growth, and accessibility. European governance, energy and climate change, neighbourhood and development also represent important areas of activity for the association.



Department of Agriculture, Food & the Marine (IE)

www.agriculture.gov.ie

The stand will provide information in relation to Ireland's EMFF/Exchequer Operational Programme (EMFF OP) which will provide €0.241B funding to a variety of marine related projects over the period 2015-21 including funding for integrated marine policy initiatives. In addition the stand will provide details of other marine related initiatives in the Department (Ministry) and its agencies.



DCU Water Institute (IE)

www.dcu.ie/water

DCU Water Institute is a cross-faculty initiative of research and education on water. It aims to work with all stakeholders – a quadruple helix of academia, industry, agency and society in its research and development work. Through research and capacity building, the WI develops solutions to national and global problems in water. We specialise in technology developments across science, engineering and computer science domains with strong communications focus and policy and business drivers. These areas are reflected in our academic members in DCU – across all faculties of the University.



Enterprise Europe Network (IE)

www.localenterprise.ie/Donegal & www.een-ireland.ie

Enterprise Europe Network helps Irish businesses innovate and grow internationally. With over 600 offices in 60 different countries around the world we are the largest support network for SMEs and combine international business expertise with local knowledge to help you take your innovation into new markets.

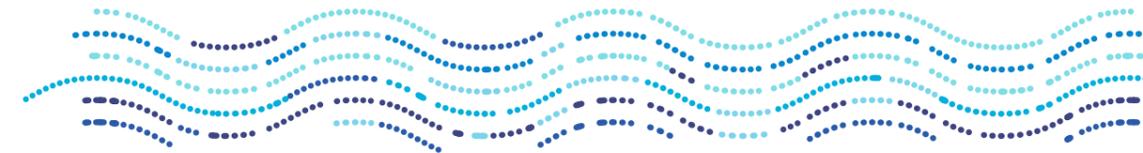


European Commission

<https://ec.europa.eu/>

The European Commission (EC), the EU's executive body, developed and adopted the Atlantic Strategy and Action Plan to revitalise the marine and maritime economy in the Atlantic Ocean area. Several Directorate-Generals of the EC are directly involved with the implementation of the Strategy and Action Plan, and will participate at the stand.

The Directorate-General for Maritime Affairs and Fisheries (DG MARE) works to develop the potential of the European maritime economy and to secure a safe and stable supply of seafood, sustainable fisheries, healthy seas and prosperous coastal communities. DG MARE oversees the implementation of the Atlantic Strategy and Action Plan.



The Directorate-General for Research and Innovation (DG RTD) defines and implements European Research and Innovation (R&I) policy with a view to achieving the goals of the Europe 2020 strategy and its key flagship initiative, the Innovation Union. It funds excellent Research and Innovation through Framework Programmes taking a strategic programming approach.

The Directorate-General for Regional and Urban Policy (DG REGIO) supports regional development with the aim to achieve a European Union where people in all our regions and cities can realise their full potential. It works with the Member states, regions and other stakeholders to assess needs, finance investments and evaluate the results from a long-term EU perspective.

The Executive Agency for Small and Medium-sized Enterprises (EASME) has been set-up by the European Commission to manage on its behalf several EU programmes, and oversees the delivery of the Atlantic Support Team.



European Regions Network for the Application of Communications Technology (ERNACT)

www.ernact.eu

ERNACT is a network of European regions and cities that work together to transfer and apply the latest digital technologies to assist the development of their regions. Five of the ERNACT members are located on the Atlantic Ocean, including the Province of Newfoundland and Labrador in Canada. The others are Region of Cantabria and City of San Sebastian (Spain) and County of Donegal (Ireland) and City of Derry (Northern Ireland). The ERNACT regions have an inherent interest in the Atlantic Action Plan and have developed concrete plans and proposals for the development of Atlantic-wide projects in the innovation and tourism sectors utilising submarine communications, sensors, seabed mapping, and big data. Over the years ERNACT have successfully delivered over 25 international digital technology projects with governments, universities and research centres in more than 130 European regions and cities, with a combined population of 50 million, across 20 countries.



European Marine Observation and Data Network (EMODnet) & EMODnet Atlantic checkpoint

www.emodnet.eu & www.emodnet-atlantic.eu

EMODnet is a network of organisations supported by the Directorate-General for Maritime Affairs and Fisheries (DG MARE) to provide a gateway to marine data in Europe through seven thematic portals, which are continuously widening their scope and geographic coverage. In addition to this, six EMODnet Checkpoints have been established to assess the status of marine monitoring in European sea-basins. This is done around 11 challenges with concrete, societal interest, such as windfarm siting, oil platform leaks or marine protected areas. The EMODnet Atlantic Checkpoint analyses the availability, quality and accessibility of marine data provided by the current observing systems to address those challenges.



European MSP Platform

www.msp-platform.eu

The European MSP Platform provides a service for Member States to share relevant knowledge and information on Maritime Spatial Planning. The Platform provides a single interface to draw together information and expertise from across Europe and make it available in a readily accessible, implementation-oriented format. A dedicated team of experts specialised in MSP as well as communication and project design are situated in each of the European sea-basins, acting as personal contacts and liaison offices, keeping track of new developments in MSP. The Platform provides a diverse range of information on MSP in different countries and sea basins, practical information relevant for MSP, an overview on previous and ongoing MSP projects, EU-wide and national funding opportunities, a question and answer service and technical studies to enhance MSP implementation.



Faculty of Sciences and Technology, Nova University of Lisbon (FCT NOVA)

www.fct.unl.pt

The FCT NOVA, is one of the most prestigious Portuguese engineering and science public schools, engaged in extensive research activities developed at 16 research centres. FCT NOVA has a broad expertise in cutting edge R&D+I due to its multidisciplinary nature and strong experience in fundamental and applied research projects in several areas, ranging from materials, environment and biotechnologies, to conservation and restoration. The entrepreneurial drive of FCT NOVA students, graduates and researchers, greatly potentiated by the curricular profile of school, has led to many successful spin-offs that transfer knowledge to the market and help create value and social impact. FCT NOVA will be presenting its INTERREG Atlantic expression of interest that passed Stage I EMPORIA4TT (Empower Academia for technology transfer for value creation in the Atlantic Area), currently looking for partners as well as the project idea NZEHB-A (Towards Nearly Zero Energy Heritage Buildings in the Atlantic Area) seeking for enterprises and regional bodies to strengthen the proposal for re-submission. Further, MobHarb (Developing mobile harbors to Atlantic constrains) and DEEP explore (Sustainable Exploitation of Deep sea minerals) are project ideas that FCT NOVA wishes to deepen and engage partners such as Harbours, Enterprises and other Universities.



FuVeX (ES)

www.fuvex.com

Naval applications such as search and rescue, maritime pollution detection, fishing can take advantage of drone technology with savings of more than 75% comparing with present solutions. However, current drones are not being in use in maritime applications due to the difficulties to operate an aircraft from a ship's deck and the lack of flight range. FuVeX has developed an aircraft easy to operate in naval environments with vertical take-off and landing and plane cruise with double flight endurance than helicopters/multirotors.



Galicia, a Blue Smart Region - Xunta de Galicia (ES)

www.gain.xunta.es & www.xunta.es



Xunta de Galicia (Spanish Regional Government) is committed to the implementation of the Innovation Strategy linked to Blue Growth within Atlantic Area. The Region's representation at ASPC2016 has three objectives:

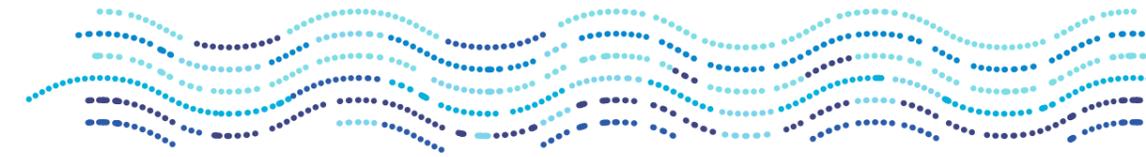
- To disseminate Galicia Blue Growth capabilities and good practices implemented in the region in this regard, with special focus on the contribution of these practices and capabilities to the Atlantic Action Plan, and to the enhancement of entrepreneurship and innovation.
- To consolidate links with current partners and to contact new partners (multi-stakeholder) to foster the region collaboration on transnational and international initiatives.
- To disseminate Galician strengths on designing and implementing innovative strategies aimed to foster blue economy entrepreneurship and competitiveness in line with the Atlantic Action Plan: research and academic institutions, private sector (organisation and Clusters), civil society, Vigo Port Authority, public bodies, and others.



Geological Survey of Ireland (IE)

www.gsi.ie

A division of Ireland's Department of Communications Climate Action and Environment, the Geological Survey of Ireland (GSI) is Ireland's national geoscience agency. As such it acquires baseline geological datasets, provides geological information and advice. In order to generate information that



uncovers knowledge for our marine territory; the GSI instigated large scale marine mapping on forming the Irish National Seabed Survey (INSS) in 1996. On completion of deep water mapping, INSS was succeeded by the INFOMAR Programme. Jointly managed by the GSI and the Marine Institute, INFOMAR continues to provide pivotal seabed mapping datasets and geological data products that support Ireland's Integrated Marine Plan. INFOMAR's free data policy supports Marine Knowledge and furthers the maritime economy by promoting easy access to seabed mapping datasets that underpin; maritime safety, security and surveillance, governance, business development, research and technology innovation and infrastructure. Internationally, the GSI are partners in marine research and data collation projects such as the EC funded EMODnet Bathymetry and EMODnet Geology that strive to collate fragmented data across Europe and make these data openly available as standardised data products.



GKinetic Energy Ltd. (IE)

www.gkinetic.com

GKinetic Energy's vision is to provide a technology that can efficiently and cost effectively extract energy from flowing water. Our innovative turbine is designed to harness low-carbon, reliable and affordable energy from our waterways. Established in 2014 by Vincent Mc Cormack in Co. Limerick, the company is well underway to full commercialisation.



INTERREG 2 Seas

www.interreg2seas.eu/

INTERREG 2 Seas 2014-2020 is a European Territorial Cooperation Programme covering England, France, the Netherlands and Belgium (Flanders). The Programme is part-financed by the European Regional Development Fund and has a total of €241m ERDF to co-finance projects in the 2014 - 2020 period. The overall objective is to develop an innovative, knowledge and research based, sustainable and inclusive 2 Seas area, where natural resources are protected and the green economy is promoted.



INTERREG Atlantic Area Programme

www.atlanticarea.eu

INTERREG Atlantic Area is a European funding programme that promotes transnational cooperation among the Atlantic regions of five European countries (Portugal, Spain, France, Ireland and United Kingdom). The main objective is to strengthen the integrated territorial development and cooperation in the Atlantic Area in the fields of Innovation & Competitiveness, Resource Efficiency, Territorial Risks Management, Biodiversity and Natural & Cultural Assets."



INTERREG VA France (Channel) England

www.interreg5a-fce.eu

The France (Channel) England Programme is a "Cross Border" programme under the European Territorial Cooperation Goal and aims to support the development of the Border region between France and England. It provides funding to project partnerships to support them in gaining the full benefits of working on a cross-border basis.



INTERREG NWE Programme

www.nweurope.eu

The INTERREG North-West Europe Programme fosters transnational cooperation to make the North-western Europe a key economic player and an attractive place to work and live, with high levels of innovation, sustainability and cohesion. Here you can find information about our funding opportunities and the positive change our projects have brought to the territory and its people.



Instituto Hidrográfico (IH) (PT) & University of Aveiro (UA) (PT)

<http://www.hidrografico.pt/> & www.ua.pt

The Hydrographic Institute (IH), an agency of the Portuguese Navy, was established in 1960. Its focus is on activities related to the sciences and techniques of the sea, with a view to their application in the military, and contributes to the country's development in science and protection of the marine environment.

The University of Aveiro (UA) was established in 1973 and is one of the most dynamic and innovative universities in Portugal. The UA's mission is to create knowledge and expand access to knowledge through research, education and cooperation for the benefit of people and society; to undertake the project of global development of the individual; to be active in the construction of a European research and education community; and to promote a model of regional development based on innovation and scientific and technological knowledge.

The IH and UA at ASPC2016 will present their project ideas NEW-LIT-MON (New concepts, tools and products for littoral area monitoring) and SEEPORT (Hydro-morphological surveillance system for navigation support in port areas) focussing on technological approaches to improve resilience of coastal communities to natural disasters and provide economically affordable management tools for harbour authorities.



Irish Business Innovation Centres (IrishBICs) (IE)

www.southeastbic.ie

The Irish Business Innovation Centres (Irish BICs) represent the five Business Innovation Centres on the island of Ireland: South East BIC, Dublin BIC, WestBIC, CorkBIC and Noribic. The Business Innovation Centres offer tailored consultancy supports to startups, entrepreneurs and SMEs. The BICs focus on working with innovative businesses, working on feasibility, business modelling and planning and investor readiness. They regularly take part in European projects with similar partners and BICs in other European countries. They are all members of the EBN (www.ebn.be), a network of around 150 quality-certified EU|BICs (business and innovation centres) and 100 other organisations that support the development and growth of innovative entrepreneurs, start-ups and SMEs.



La Tene Maps (IE)

www.latenemaps.com

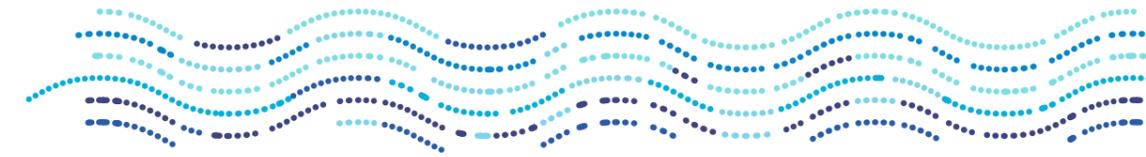
La Tene Maps is a knowledge based company located in Dublin, Ireland specialising in the research and production of maps, educational posters and associated data products. It is a regular publisher of maps on Irish Fishing, Aquaculture, Fish Processing, Oil and Gas Exploration and Marine Renewables. Education posters on Aquaculture and Marine Renewables have been produced. According to the Marine Institute, in the 7th EU Framework Programme in the SME section La Tene Maps had the second largest number of EU Projects from Irish companies.



JFC Manufacturing (IE)

www.jfcmarine.com

JFC Marine with over 29 years of experience in manufacturing plastic products, have a complete range of high engineered navigation buoys complete with ATONS systems. JFC Marine also supplies a range of products to the Aquaculture sector including mussel floats and shrimp graders.



MaREI Centre for Marine and Renewable Energy (IE)

www.marei.ie

MaREI is a marine and energy-based research, development and innovation hub based in Ireland. It combines the expertise of a wide range of research groups and industry partners, with the shared mission of solving the main scientific, technical and socio-economic challenges across the marine and energy spaces. MaREI delivers tailored technological solutions to companies through the delivery of its industry-led research programme, providing innovative solutions that reduce the time to market, and reduce costs to a competitive level.



MARine environmental in situ Assessment and monitoring tool BOX (MariaBox)

www.mariabox.net

The MariaBox is an autonomous marine monitoring device for man-made and natural pollutants. The device is conceived for installation on free floating devices, buoys and ships. It will work fully autonomously, collecting the marine water sample, analysing it, storing the data and transmitting them via satellite link.



Marine Investment for the Blue Economy (MARIBE)

www.maribe.eu

MARIBE is a Horizon 2020 project that aims to unlock the potential of multi-use of space in the offshore economy (also referred to as Blue Economy). This forms part of the long-term Blue Growth strategy to support sustainable growth in the marine and maritime sectors as a whole; something which is at the heart of the Integrated Maritime Policy, the EU Innovation Union, and the Europe 2020 strategy for smart, sustainable growth.



Marine Institute (IE)

www.marine.ie

The Marine Institute is Ireland's national marine research and development agency and carries marine monitoring, research, funding and foresight activities on behalf of the government.



Northern and Western Regional Assembly (IE)

www.nwra.ie

Northern and Western Regional Assembly is the Managing Authority for EU Structural Funds in Border Midland and West Region and the National Contact Point for INTERREG Transnational Programmes Atlantic Area and Northern Periphery and Arctic Programme.



Our Ocean Wealth (IE)

www.ouroceanwealth.ie

Harnessing Our Ocean Wealth is the Integrated Marine Plan for Ireland, published by the Irish Government in 2012. The plan is an initiative of the inter-departmental Marine Coordination Group, chaired by Minister Michael Creed T.D.



Redrose Developments Ltd (IE)

Redrose Developments Ltd was founded by Ann Ruddy as a multi-enterprise group. It has both commercial ambitions and a strong social conscience. With a diverse and talented team Redrose is undertaking a range of pursuits to ultimately provide wealth, employment and range of career opportunities for struggling rural coastal communities, whilst being aware of, and sympathetic to environmental impacts.



SmartBay Ireland (IE) www.smartbay.ie

SmartBay Ireland supports the national marine test facility for the development of innovative products and services for the global maritime sector. This includes the trial and validation of novel marine sensors, prototype equipment and the collection and dissemination of marine data to national and international users of the facility.



SmartOcean Ireland – Marine Institute (IE) www.smartocean.ie

SmartOcean is an initiative led by the Marine Institute aimed at catalysing the development of high-value products and services by creating a critical mass of research and development activities in marine ICT through the development of a SmartOcean Innovation Cluster. It seeks to harness and develop Ireland's existing and well developed ICT, engineering and scientific know-how, linking it to recently developed marine research capabilities and infrastructure investments, to take advantage of Ireland's unique geographical location on the European Atlantic Seaboard.

The representation at ASPC2016 will be to showcase the innovation centres, enterprise networks and world class research infrastructures which are being developed to establish Ireland as an international centre of excellence for the test, development, validation and commercialisation of innovative marine technologies.



Special EU Programmes Body (SEUPB) <http://www.seupb.eu>

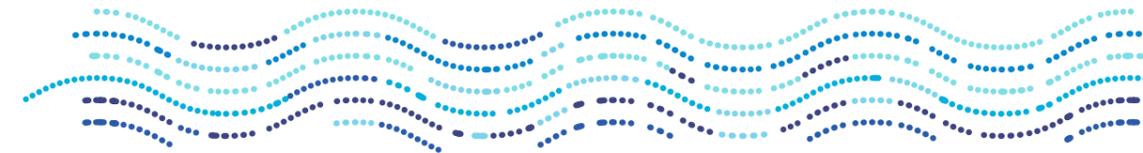
The Special EU Programmes Body is responsible for the Management and Implementation of the INTERREG VA and Peace IV Programmes which are funded under the European Regional Development Fund. The new INTERREG Programme for 2014-2020 is one of 60 programmes across the European Union designed to promote greater levels of cross-border co-operation. Northern Ireland, the Border Region of Ireland and Western Scotland share a number of common features with other border areas across Europe where developmental problems are exacerbated by the existence of borders. Borders can distort infrastructure and communication networks resulting in reduced economic development and different policy approaches which hinder joined-up service delivery. The new INTERREG Programme has been designed to address many of these issues in order to promote greater economic, social and territorial cohesion across the region. The European Regional Development Fund (ERDF) contribution to the Programme is €240m.

The PEACE IV Programme is a unique initiative of the European Union which has been designed to support peace and reconciliation in the Border Region of Ireland and Northern Ireland. The Programme was initially created in 1995 as a direct result of the EU's desire to make a positive response to the paramilitary ceasefires of 1994. Whilst significant progress has been made since then, there remains a need to improve cross-community relations and where possible further integrate divided communities. The new programming period for 2014-2020 provides opportunity for continued EU assistance to help address the peace and reconciliation needs of the region.



Supporting Implementation of Maritime Spatial Planning in the Celtic Seas (SIMCelt)

The Supporting Implementation of Maritime Spatial Planning in the Celtic Seas (SIMCelt) project has secured funding from the European Commission to run a Marine Spatial Planning project in the Celtic Seas. The project brings together a number of partners – research organisations, marine planning authorities and marine management bodies – who have extensive experience with regard to marine planning, policy and management. The SimCelt stand will introduce participants to the project and give them an opportunity to engage with its aims.



TechWorks Marine (IE) www.techworks.ie

TechWorks Marine is a provider of oceanographic equipment and world-class solutions to monitor the marine environment, working in the private and public sectors both in Ireland and overseas.



The Celtic Seas Partnership www.celticseaspartnership.eu

The EC LIFE+ funded Celtic Seas Partnership project's aim is to support the implementation of the Marine Strategy Framework Directive (MSFD) and delivery of Good Environmental Status in the Celtic Seas through applying an ecosystem approach. Effective stakeholder engagement is an essential, but commonly overlooked, component of the ecosystem approach. The Celtic Seas Partnership, which is led by WWF-UK, facilitates engagement between sectors and across borders to ensure the long term future of the environment, while safeguarding people's livelihoods and the communities that have a relationship with the sea. The Celtic Seas Partnership project has engaged with over 950 marine stakeholders, from 6 countries and 14 broad sectors, including policy makers, scientists, fisheries, energy, environmental NGOs, aquaculture and shipping.



The Entrepreneur Ship (IE) www.imerc.ie & www.theentrepreneurship.ie



The Entrepreneur Ship is a vibrant place maritime and energy enterprise space where ideas and people can thrive. The Entrepreneur Ship is delivered by the IMERC partnership of the Cork Institute of Technology, the Irish Naval Service and the University College Corke.



University of Cádiz (ES) www.uca.es

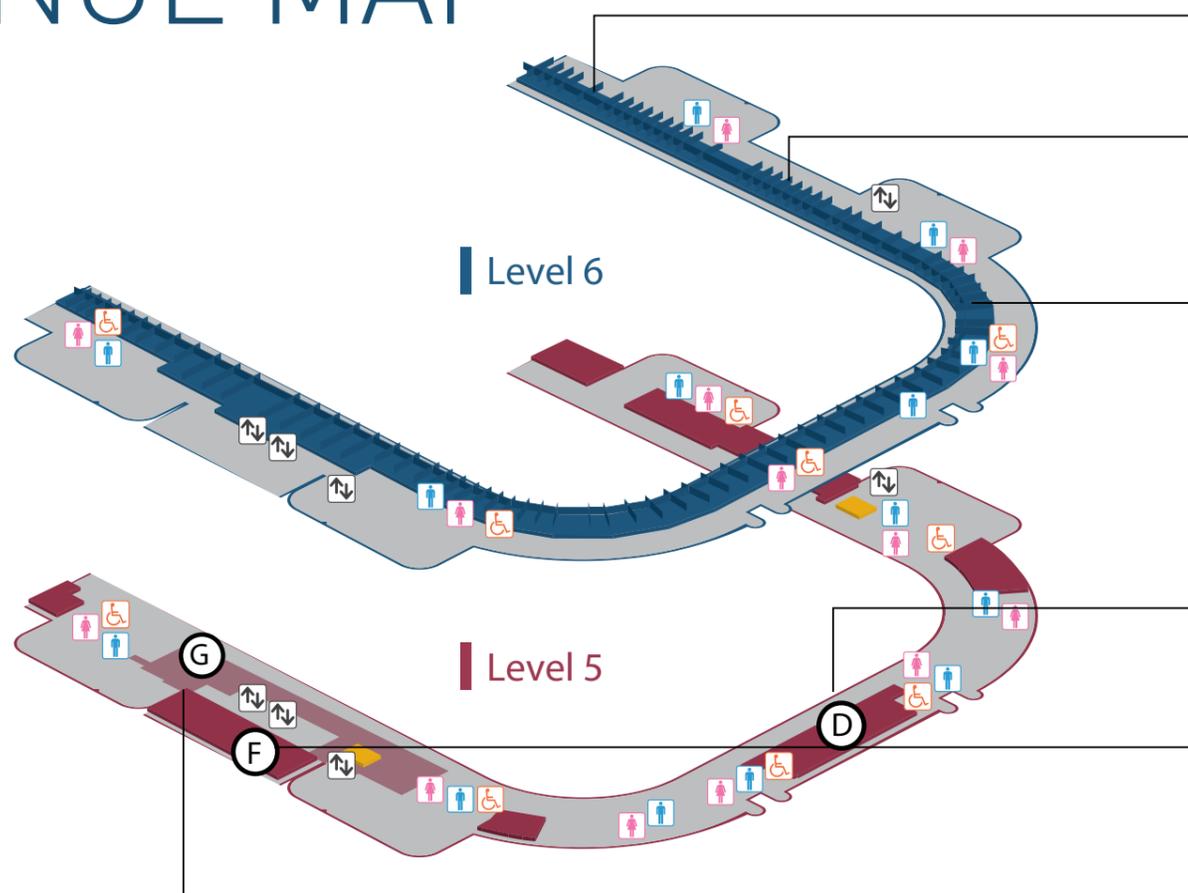
The University of Cádiz's representation at ASPC2016 will promote its maritime Entrepreneurship project idea, other projects, as well as the capacities of the University of Cádiz in the marine and maritime field.



Vertigo Lab (FR) www.vertigolab.eu

Vertigo Lab a research office and study, a think-and-do tank specialised in economics and environmental management is a young innovative company, which operates from the local level to the European policies in support of private and public actors. Its thematic areas include biodiversity principally, but also water management, agro ecology and urban agriculture, the challenges of climate change and new forms of economy. Vertigo Lab will showcase external projects showing how open and participative innovation can unlock original, practical and efficient solutions to address the challenges faced by the fisheries sector. Vertigo Lab will also use the stand to look for partners, discuss its ongoing and foreseen projects and provide its expertise to Atlantic stakeholders looking for project partners.

VENUE MAP



Workshops: 1A & 2A
Suite 688/689

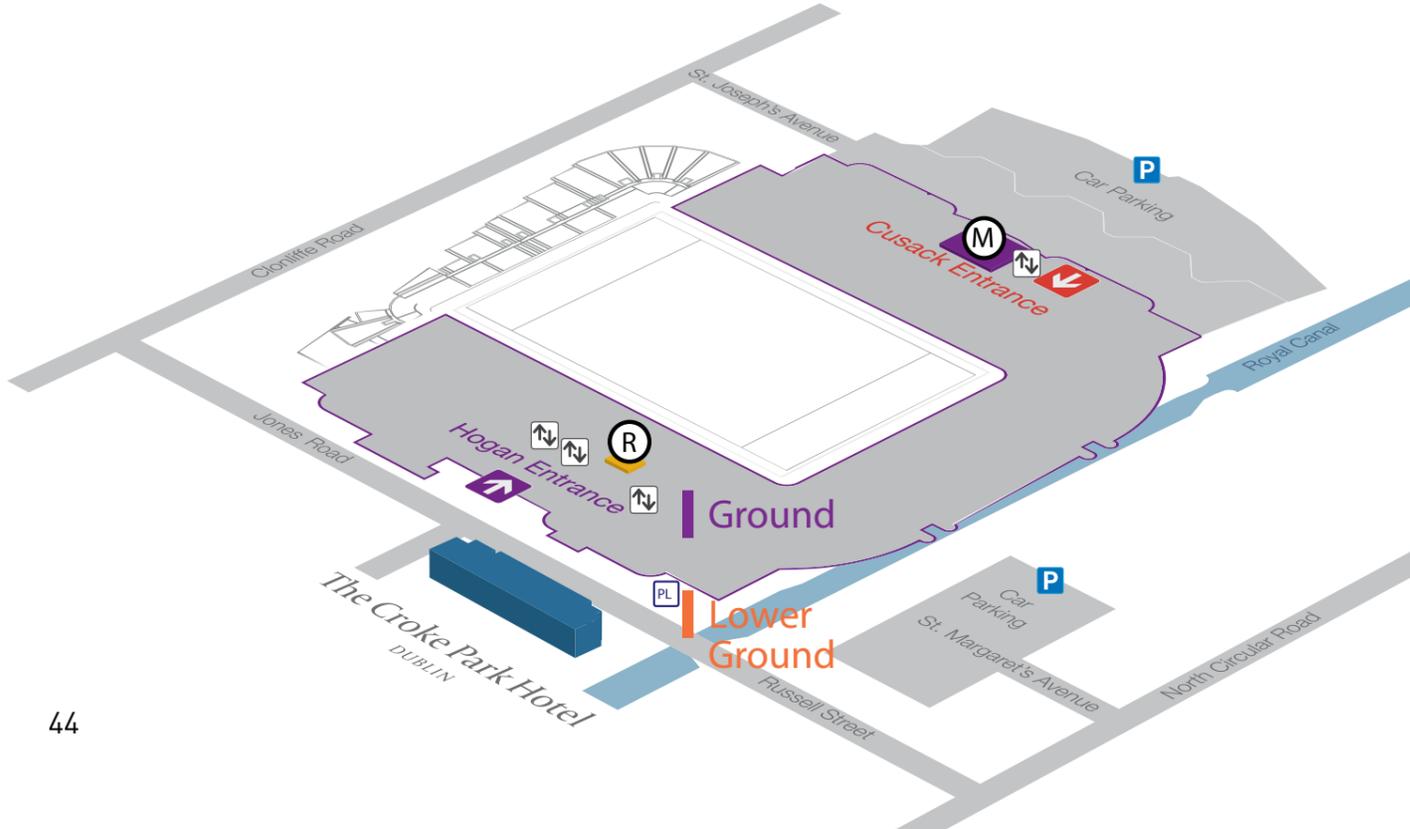
Workshops 1D & 2D
All Star Suite 683/84

Workshops 1C & 2C
Suite 679/80

Workshops 1B & 2B
Canal Café

Plenary Sessions
Hogan Suite

Exhibition and
Cooperation Area
& Lunch and Coffee Breaks
Hogan Suite foyer



Level 6

- 87 MEETING ROOMS
- (K) BUSINESS CENTRE

Level 5

- (A) ASH SUITE
- (B) CUSACK SUITE
- (C) CELTIC SUITE
- (D) CANAL SUITE
- (E) ARD CHOMHAIRLE
- (F) HOGAN SUITE
- (G) HOGAN FOYER
- (H) COISTE BAINSTÍ
- (R) RECEPTION DESK

Ground Floor

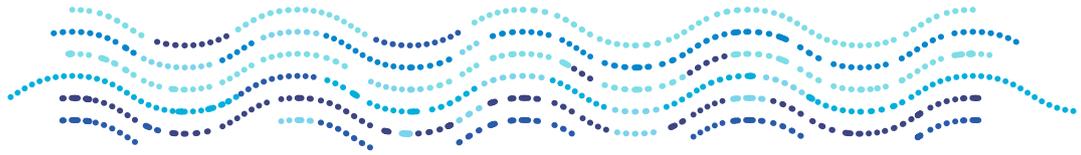
- (M) GAA MUSEUM
- (C) CUSACK ENTRANCE
- (H) HOGAN ENTRANCE
- THE CROKE PARK HOTEL

Lower Ground

- (PL) PLAYERS LOUNGE

- (M) MALE TOILETS
- (F) FEMALE TOILETS
- (D) DISABLED TOILETS
- (L) CORPORATE LIFTS

Notes



www.atlanticstrategy.eu

