

# Table 1: Pillar I of the European Commission's Atlantic Strategy

Marta Pascual

#### **Hub Nacional Español Atlantic Action Plan**

Dr. Marta Pascual coordinates the Spanish National Hub for the Western Mediterranean Initiative (WestMED) and the Atlantic Action Plan. She is an expert in Maritime Spatial Planning and works as a research associate at the Basque Centre for Climate Change (BC3, Spain), focusing on the eco-modeling of marine ecosystem services. With over 13 years of experience, she has implemented various European directives related to Blue Growth and the Circular Economy.



### Liam Lacey Atlantic Ta

#### Atlantic Task Force Pillar I Atlantic Action Plan

Liam Lacey leads the Irish Maritime Development Office (IMDO) and was previously the Managing Director of the Container and Terminal Division of the Irish Continental Group. He has extensive experience in the maritime sector, including shipping, chartering, and port development. He is a member of the Institute of Certified Public Accountants of Ireland and holds a master's degree in Management from Trinity College, Dublin. Before his current position, he taught strategic management and innovation at the National University of Ireland Maynooth and was a member of the IBEC Transport Council



#### Gerardo González

#### Autoridad Portuaria de Vigo

Gerardo is the head of the Department of Works and Blue Economy at the Port of Vigo, with experience in civil engineering both in Spain and in international projects. He has been in his current position for six years and is involved in coastal and marine infrastructure projects. He is known for his ability to lead teams, manage budgets, and meet deadlines, aiming to improve the biological condition of the port's waters and its operational capabilities.



## ADDERATION OF THE PARTY OF THE

#### Marta Gómez

#### **Puertos del Estado**

Marta Gómez Lahoz, a graduate in Mathematics from the Autonomous University of Madrid with postgraduate studies in physical oceanography, began working at Puertos del Estado in 1991, developing the Wave Prediction System. She interrupted her work between 2015 and 2020 to serve as a councilwoman in the Madrid City Council, and in November 2020, she rejoined as the head of the Blue Growth Strategy. In her current position, she coordinates initiatives related to marine renewable energies and sustainability in fishing and cruise tourism, as well as studying the economic impact of ports on the Spanish economy.















## Table 2: Port Electrification, success stories

Antonis Michail

IAPH

Dr. Antonis Michail is an engineer with 20 years of experience in environmental management and port sustainability. Since 2018, he has been the Technical Director and coordinator of the World Ports Sustainability Program (WPSP) at the International Association of Ports and Harbors (IAPH), overseeing technical committees and all WPSP initiatives. Previously, he was a Senior Policy Advisor on sustainability and safety at the European Sea Ports Organization (ESPO) and was involved in the EcoPorts network from 2003 to 2017, managing projects and coordinating activities.



### Agustín Fernández UECC

Agustín began his career in 1973 at Universal Shipping Agencies in Liverpool, focusing on ship consignment. After obtaining a diploma in Business Administration in 1978 in Miami, he returned to Spain to manage the fleet of Flota Suardiaz in Vigo and Madrid until 2001. He then held various executive positions at UECC, including Senior Commercial Manager in Madrid, Director for the Mediterranean and Black Sea in Piraeus, and Chief Operating Officer in Oslo. He concluded his career as a Senior Advisor at UECC SPAIN, Madrid, until 2024, after leading the Sales and Terminals area.



Endesa

Industrial Technical Engineer with over 25 years of experience in the electrical sector. He began his career at Endesa Generación in the Projects Department, participating in the construction and operation of thermal power plants in the Canary Islands. Later, in the commercial area of Endesa Energía, he was responsible for major client accounts, advising public administrations and companies on energy procurement and energy efficiency measures. Currently, he is responsible for business development in OPS (shore power supply) and energy efficiency and decarbonization projects in the port sector.



#### Marcos Duato

#### Flota Suardiaz

Industrial Engineer from the Polytechnic University of Valencia. ExMBA from EAE Business School and a Master's in Coaching and Executive Leadership from OBS Business School. He has over 20 years of experience in the logistics and maritime transport sector, specializing in RoRo and Car Carrier ships. He is currently the Director of Suardiaz Shipping Lines, a member of the Board of ECG (European Automobile Logistics Association), and a collaborator in the Master's in Maritime Business and Law at ICAI-ICADE - IME and in the Master's in Port Management and Intermodality, jointly organized by Puertos del Estado and the Universities of La Coruña, Oviedo, Cádiz, and the Polytechnic University of Madrid.

Obdulio Serrano

**Puertos del Estado** 

Head of the Sustainability Department at Puertos del Estado with a degree in Physical Sciences, and a Master's in Port Management and Maritime Traffic from the Polytechnic University of Madrid.

















# Table 3: Climate neutrality and the European Green Deal

Marisa Fernández

Pilar IV - Atlantic Action Plan

Marisa Fernández, PhD in Chemical Sciences, has led the coordination of the European Network of National Reference Laboratories for Marine Toxins for over 9 years. Since 2002, she has headed the Department of Control and Management of the Environment and Marine Resources at CETMAR, managing projects related to maritime safety and pollution, including several funded by the Atlantic Area Programme and DG ECHOS. She has coordinated the PROTECMA network since 2006 and currently leads the Free LitterAT project, in addition to participating in the Atlantic Action Plan





Net Zero



Paolo is an experienced and forward-thinking professional with a proven track record spanning over three decades across diverse industries and global markets. Since 2006, he has been dedicated to driving impactful change and pioneering innovative solutions in renewable energy, sustainability, and strategic business development. Between 2018 and 2023, he led the European expansion of ECONCRETE and was one of the ideator of the Living Ports project, in partnership with the Port of Vigo. Paolo's expertise encompasses strategic leadership, international expansion, and the identification of market opportunities. He has a deep understanding of emerging trends and technologies in the renewable energy sector, with a particular interest in advancing initiatives related to the Net Zero need.

Annaëlle Boundry

**ESPO** 

Anaëlle Boudry works at the European Sea Ports Organization (ESPO) as a Senior Policy Advisor, advising on matters related to sustainable development, energy, and blue growth. ESPO is the main interface between European maritime ports and European institutions and policymakers. Dedicated to the aquatic transportation sector, she also worked for two years as a policy advisor at the European Federation of Inland Ports (EFIP), focusing on EU energy and climate policy. Anaëlle holds a master's degree in Political Science, International Relations, and Diplomacy from the University of Louvain-la-Neuve, Belgium, graduating with highest honors.



**ADERATOR** 

#### Antonis Michail

IAPH

Dr. Antonis Michail is an engineer with 20 years of experience in environmental management and port sustainability. Since 2018, he has been the Technical Director and coordinator of the World Ports Sustainability Program (WPSP) at the International Association of Ports and Harbors (IAPH), overseeing technical committees and all WPSP initiatives. Previously, he was a Senior Policy Advisor on sustainability and safety at the European Sea Ports Organization (ESPO) and was involved in the EcoPorts network from 2003 to 2017, managing projects and coordinating activities.















## Table 4: Alternative energies and new Fuels

Javier Cervera

Balearia

Graduated as an engineer from the Polytechnic University of Valencia. In 2005, he joined Unión Fenosa, where he spent 14 years working in the utility sector. In 2019, he transitioned to the maritime sector, joining the shipping company Baleària, leading the company's energy transition efforts, including the development of an LNG strategy and the introduction of new biofuels, synthetic fuels, and electrification. Since 2014, he has been on the board of directors of the Association of Energy Engineers, currently serving as the President of the Association in Spain. Since 2023, he has been the President of the Net Zero Mar Alliance, focusing on the decarbonization of the national maritime-port sector.





Puerto de Valencia

Doctor in Naval and Oceanic Engineering and Specialist in Maritime Transport from the Polytechnic University of Madrid. With over 25 years of experience in the maritime-logistics sector and more than 10 years working on innovation projects related to energy efficiency in ports. Currently, he holds the position of Head of Environmental Policies for the Port Authority of Valencia, where he coordinates innovation projects included in the Valenciaport Zero Emissions 2030 Plan, among which are terminal electrification projects.

Julio Hidalgo

Univergy - Proyecto Julio Verne

Director of the Green Hydrogen Business Unit at Univergy, he is an Industrial Engineer and MBA with over 25 years of experience in various management and operations leadership roles in the Chemical, Pharmaceutical, Biotechnological, and Renewable Energy sectors. His professional career has allowed him firsthand understanding of the decarbonization challenges faced by large energy-consuming industrial companies and the significant opportunity presented by renewable energies and hydrogen as a new energy vector to help address these issues. Univergy is a Spanish-Japanese multinational with presence in more than 20 countries, primarily engaged in the promotion and development of renewable energy and green hydrogen projects.



Fermín Oliva

Repsol Technology Lab

Senior Scientist at the Repsol Technology Lab research center, in the "Product Design" area. I have over 12 years of experience in the development and evaluation of performance and emissions of conventional and renewable fuels, focusing on the decarbonization of the maritime segment. I lead a research project for the development of "drop-in" renewable fuels for the maritime sector, ensuring their technological viability and market implementation to support the decarbonization roadmap. I collaborate with international working groups, such as OGCI, where solutions and technologies that aid in the decarbonization of the maritime sector are studied and evaluated.

Antonis Michail

IAPH

Dr. Antonis Michail is an engineer with 20 years of experience in environmental management and port sustainability. Since 2018, he has been the Technical Director and coordinator of the World Ports Sustainability Program (WPSP) at the International Association of Ports and Harbors (IAPH), overseeing technical committees and all WPSP initiatives. Previously, he was a Senior Policy Advisor on sustainability and safety at the European Sea Ports Organization (ESPO) and was involved in the EcoPorts network from 2003 to 2017, managing projects and coordinating activities.

















# Table 5: Development of marine renewable energies

#### Sheila Heymans

#### **European Marine Board**

Executive Director of the European Marine Board and Professor of Ecosystem Modelling at the Scottish Association for Marine Science and the University of the Highlands and Islands in Scotland. She has 30 years of experience researching the environmental impacts of changes in ecosystems and has published over 90 peer-reviewed articles. Sheila co-chairs the Steering Group of EOOS and is part of the External Advisory Board for several projects, including MissionAtlantic, MarinePlan, and the EU Blue Cloud. She is also the editor of policy documents for the European Marine Board.



#### Mario Iglesias

#### **Magallanes Renovables**

Operations executive with 16 years of experience in the renewable energy and innovation sector. He has extensive experience in managing the daily operations of organizations, aiming for maximum efficiency and achieving goals. Expertise in advanced engineering and innovation in offshore renewable energies (currents, waves, wind), hydrogen, circular economy (biomethane, biogas, biomass), and electric mobility. He has established and managed technical areas, developed strategic plans, and managed projects. He leads highly educated, creative teams and manages talent for the proper development of industrial projects. Currently serves as COO (Chief Operations Officer) of Magallanes Renovables, focused on the development of floating platforms for energy generation from tidal currents.



#### Puerto de A Coruña

Physicist specialized in earth and cosmos physics, with master's degrees in environmental management and emergencies. He began his career in radiological protection at nuclear power plants and later worked on meteorological models and sustainability in ports. Since 2006, at the Port of A Coruña, he has led the sustainability department, introducing innovations such as the environmental dashboard and the first sustainability report of a European port. He co-directs the International Congress on Industrial Safety in Ports and coordinates decarbonization projects and adaptation to climate risks.



#### Ronan Stephan

#### **Energias Maritimas de Francia**

PhD in Physics (1989), he began his career at Thomson-CSF in 1984, and then was the CEO of the Brest Technology Park until 2002. He served as a Director at CNRS and later at the Université de Technologie de Compiègne. From 2009 to 2012, he was the Director General of Research and Innovation at the French Ministry of Higher Education and Research. He worked as Director of Innovation at Alstom, and later as Chief Scientific Officer at General Electric and Plastic Omnium. He currently chairs the Institute for Energy Transition, France Energies Marines, since 2023.



#### **Puertos del Estado**

Marta Gómez Lahoz, a graduate in Mathematics from the Autonomous University of Madrid with postgraduate studies in physical oceanography, began working at Puertos del Estado in 1991, developing the Wave Prediction System. She interrupted her work between 2015 and 2020 to serve as a councilwoman in the Madrid City Council, and in November 2020, she rejoined as the head of the Blue Growth Strategy. In her current position, she coordinates initiatives related to marine renewable energies and sustainability in fishing and cruise tourism, as well as studying the economic impact of ports on the Spanish economy.

















### Blue Ports Network



José Estors Carballo is a Fisheries Officer at the Food and Agriculture Organization (FAO) in Rome, contributing to the leadership of the Blue Ports Initiative (BPI). This initiative focuses on promoting sustainability in global port operations to enhance the economic, social, and environmental prosperity of coastal communities.

With a strong background in the private sector, José has extensive experience in expanding international markets and forming strategic partnerships. The BPI team is committed to environmental management and international cooperation, aiming to improve global food security and the sustainable use of aquatic resources.













## Funding opportunities for promoting sustainability



Works in marine environment conservation and the promotion of sustainable fishing and aquaculture through the Pleamar Program, funded by European funds. Manages the Spanish Observatory of Aquaculture (OESA) and collaborates on projects such as LIFE IP INTEMARES and the Empleaverde Program. Participates in blue economy and employment initiatives, including marine strategies and marine education (REEDUCAMAR

Additionally, coordinates participation in Biodiversa+, a global platform with 74 entities from 36 countries, focused on the conservation and recovery of biodiversity through research and innovation programs.













## Table 6: Green Ports Initiative

Tomer Hadary

Econcrete

Marine biologist with over 10 years of experience in coordinating and executing ecological and biological monitoring programs and studies. His expertise includes background research, fieldwork on land and at sea, data acquisition and analysis, database management, and scientific reporting. As the Project Manager at ECOncrete, he coordinates the Living Ports Project at the Port of Vigo.





Rocío López

Puerto de Huelva

With a degree in Environmental Sciences, a PhD program in Environmental Engineering, and a Master's in Port Management and Intermodality, she has 20 years of professional experience in the port sector. She is the Head of the Environmental Division at the Port of Huelva, responsible for environmental control of port operations, infrastructure works, and activities developed in Public Domain areas, with a special focus on energy transition, conservation, and environmental prevention. She is the Spanish representative on the Environment Commission (EnviCom) of PIANC and Secretary of the Environmental Sustainability Committee of the Technical Association of Ports and Coasts.



Puerto de Cartagena

With a Bachelor's and a PhD in Law, she has worked as a lawyer and university lecturer, also holding high-ranking positions in the public sector, particularly in the Region of Murcia and the General State Administration. She has participated in numerous presentations and debate forums. Currently, she is the Head of the Sustainability Division at the Port Authority of Cartagena, where she is responsible for industrial safety, occupational risk prevention, corporate social responsibility, and environmental matters.







**IAPH** 

Anaëlle Boudry works at the European Sea Ports Organisation (ESPO) as a Senior Policy Advisor, providing guidance on issues related to sustainable development, energy, and blue growth. ESPO serves as the main interface between European sea ports and European institutions and policymakers. Dedicated to the aquatic transport sector, she also worked for two years as a policy advisor at the European Federation of Inland Ports (EFIP), focusing on EU energy and climate policy. Anaëlle holds a master's degree in Political Science, International Relations, and Diplomacy from the University of Louvain-la-Neuve, Belgium, graduating with highest honors.















## Biodiversity credits



**TecnoAmbiente** 

Ramon Scholl is an expert in sustainability with a focus on the relationships between organizations, nature, and biodiversity. He has worked on projects for large companies, international ports, and the public sector in various projects around the world. Currently, he is a senior sustainability consultant for Tecnoambiente, a leading

consultancy in blue economy based in Barcelona that operates globally













## Marine biodiversity in sustainable ports

### Guillermo Díaz

**USC** 

Guillermo Díaz Agras holds a degree in Pharmacy and a PhD in Biology from the University of Santiago de Compostela. Since 2010, he has been the Head of the Marine Biology Station of A Graña. His research focuses on the taxonomy, phylogenetic relationships, ecology, and biology of opisthobranch mollusks, as well as the impact of artificial structures on coastal invertebrate populations.

He has participated in numerous research projects and oceanographic campaigns and has supervised several doctoral theses. He is a coauthor of several books, numerous scientific articles, and conference papers related to his research.













Table 7: Naturebased solutions for enhancing biodiversity in port environments

Wolfgang Kunther

#### **Technical University of Denmark**

Wolfgang Kunther is a materials researcher and educator with expertise in civil engineering and concrete technology, currently serving as an Associate Professor in the Department of Environmental and Resource Engineering at the Technical University of Denmark. His research encompasses cement chemistry in relation to cementitious materials and the deterioration of these materials when exposed to saline solutions. In recent years, the number of projects integrating ecosystems and infrastructures, a relatively novel concept, has steadily increased and become a major focus of his research.





#### Anna Lloveras

#### **Ocean Ecostructures**

Anna Lloveras, with a degree in Biology and a master's in Oceanography, has over 10 years of experience in managing climate change and sustainability projects. She has worked for companies like Creaciones Aromáticas Industriales and NGOs like Submon, focusing on R&D and marine conservation. Currently, she is the co-founder and scientific director of Ocean Ecostructures, leading projects on Blue Economy and marine regeneration. She is also pursuing a PhD in collaboration with the CSIC, focusing on technological solutions for marine regeneration.

#### Jesús Troncoso

#### Blue Estructures / UVigo

Jesús Souza Troncoso is a Professor of Zoology at the University of Vigo and has held significant roles such as Dean of the Faculty of Marine Sciences and Director of the Marine Research Center. He specializes in coastal ecology and malacology and has led multiple national and international research projects. Author of more than 170 publications and 8 books, he has supervised 16 doctoral theses and participated in global oceanographic expeditions, including research in Antarctica. Additionally, he is a co-founder of Blue Structure, a university spinoff dedicated to minimizing environmental impacts in the marine environment.





#### Antonio Bejarano

#### Puerto de Sevilla

Holding a degree in Marine Sciences and working as an environmental consultant on Environmental Impact, Dredging, Port Works, Coastal and Hydraulic Infrastructures, and Energies. He is the Environmental Director for construction and dredging projects in ports in both Spain and Latin America. Currently, he serves as the Head of the Environmental Division at the Port Authority of Seville, where he has implemented the emerging work philosophy "Working with Nature" associated with the Navigation Optimization Project of the Eurovia E 60.02 Guadalquivir. This project received PIANC Certification in 2021 and was recognized with the Andalusia Environment Award in 2020.

Gerardo González

Puerto de Vigo

Gerardo is the head of the Department of Works and Blue Economy at the Port of Vigo, with experience in civil engineering both in Spain and on international projects. He has been in his current position for six years and is involved in coastal and marine infrastructure projects. He is known for his ability to lead teams, manage budgets, and meet deadlines, with the goal of improving the biological condition of the port's waters and its operational capabilities.















## Table 8: Blue Growth strategies in ports

Maik Bohne

Puerto de Hamburgo

Dr. Maik Bohne is a senior port policy expert at Hamburg Port Authority (HPA). He is resonsible for developing and navigating HPA intiatives in the public realm – with a focus on green and blue growth projects.





#### Thorben Diedrichsen

Puerto de Hamburgo

Thorben Diedrichsen is an environmental economist in the Strategy Department of the Hamburg Port Authority (HPA).

With a key focus on the interweaving of economic and ecological factors, he is responsible for the corporate climate and environmental strategy.



Puerto de Barcelona

Biologist specializing in alternative fuel bunkering and energy transition with over 20 years of experience in environmental sustainability in ports, environmental impact studies, and environmental monitoring plans for port works and dredging. Since 2016, he has been responsible for projects related to the introduction of natural gas as a fuel, granting LNG bunkering authorizations, and introducing sustainable fuels such as methanol, ammonia, and hydrogen at the Port of Barcelona.





#### Paula Sengo

Puerto de Lisboa

Paula Cristina Sengo, a graduate in Environmental Engineering from the New University of Lisbon, has over 30 years of experience at the Lisbon Port Authority, leading projects in port development, planning, and sustainability. She was a training expert at the European Maritime Safety Agency in 2015 and, since 2020, has been the Head of Studies and Planning. She focuses on strategic projects such as supplying electricity to ships and improving the navigability of the Tagus estuary, coordinates Sustainable Development Goals plans, manages the port's geographic information system, and enhances energy efficiency and renewable energy production under Portugal's ECO.AP program.

Anaëlle Boundry

**ESPO** 

Anaëlle Boudry works at the European Sea Ports Organization (ESPO) as a Senior Policy Advisor, advising on matters related to sustainable development, energy, and blue growth. ESPO is the main interface between European maritime ports and European institutions and policymakers. Dedicated to the aquatic transportation sector, she also worked for two years as a policy advisor at the European Federation of Inland Ports (EFIP), focusing on EU energy and climate policy. Anaëlle holds a master's degree in Political Science, International Relations, and Diplomacy from the University of Louvain-la-Neuve, Belgium, graduating with highest honors.

















Ports as energizing agents in the implementation of new circular models

### José María Fernandez

INHOBE - Public Environmental Management Company

Jose María Fernández Alcalá is currently the Director of Circular Economy at Ihobe, the Environmental Agency of the Basque Government. He has over 15 years of professional experience in both the private sector and public administration. A mechanical industrial engineer from the Higher School of Engineering of Bilbao (University of the Basque Country), he holds a Diploma of Advanced Studies from the same center for his work on "Ecological Engineering of Industrial Product Design. Imerous publications on ecodesign, life cycle analysis, eco-

Author of numerous publications on ecodesign, life cycle analysis, ecolabeling, and circular economy, he is also a member of various technical committees of the European Union in Brussels and national and international committees on product design and standardization (UNE and ISO committees).













### Table 9: Integration of circularity in port management

Andrea Ruzo

**ECOALF** 

For the past 15 years, Andrea has worked in project management and business development in Asia, Latin America, Europe, and the Mediterranean region, collaborating with government agencies, multilateral organizations, private sector actors, and impact investment funds. She holds a Master's in International Business from ESCI - UPF and a specialization in International Development from the University of London. Selected in 2020 by Banco Santander's W50 program as one of the 50 emerging women leaders with the greatest potential for impact, Andrea implemented sustainability projects at ICEX, CDTI, LGT Impact Ventures, and the United Nations Environment Programme before joining the ECOALF Foundation as director.





#### Javier Touza

ARVI

Born in Pontevedra on December 9, 1960, he holds a degree in Law from ICADE and leads the Golden Group, in addition to being the CEO of Chymar, S.A. and other fishing companies. He presides over several key associations in the fishing sector, such as ARVI and CLUPESCA, and is active in national organizations like UNACOMAR and FEOPE. At the regional level in Galicia, he holds prominent positions in REDEMAR and the Confederation of Businessmen of Galicia. Locally, he has significant roles at the Port Authority of Vigo, the Official Chamber of Commerce of Pontevedra, and in NAVALIA, among others, focusing on promoting the blue economy and port development.



Puerto de Vigo

Born in Cantabria, he is a Civil Engineer from the University of Cantabria and holds an Executive MBA from EAE Business School, as well as being a Senior Technician in Emotional Intelligence. He has held various management positions in Galician port authorities, including General Director in Ferrol-San Cibrao and A Coruña, and Director of Portos de Galicia. He participated in major projects such as the Ferrol Outer Port and the New Port Facilities at Punta Langosteira. Currently, he is the Head of the Sustainability Department at the Vigo Port Authority, which belongs to the Commercial Management and Operations Area.





Puerto de Santander

Holding a degree in Earth Sciences-Geology from the University of Zaragoza and a B.Sc in Environmental Risk Management from the University of Wales, Cardiff, along with a Master's in Port and Intermodal Transportation Management from several Spanish universities. She has been the Head of Environment at the Port Authority of Santander for 25 years, where she has implemented and maintained environmental and quality management systems. Additionally, she coordinates environmental sustainability in port operations and is responsible for training and raising awareness at the port. She is an active member of the Sustainable Development committees of the ESPO and the Environmental Sustainability committee of the ATPYC..

Théo Fortin

AIVP

Project manager who has been working for the members of the AIVP (International Association of Cities and Ports) for 4 years. He has decided to put his energy and strategic thinking skills to the service of port citizens. He is responsible for issues related to energy transition and the circular economy. He is also interested in the social acceptability of new technologies, which is why he helps AIVP members create Port Centers. One of the leaders of the European MAGPIE project, aiming to create the "green and smart port of the future." He has been a speaker and moderator at forums held in Spain, France, the United States, and other countries. Theo Fortin also actively participates in the programming of AIVP conferences, which are a major forum for reflection on the city-port relationship.













