



BLUE INVESTOR

II SBEIF SPECIAL EVENT

4

October
2023

Gare Marítima de Alcântara
Lisbon, Portugal



VISION



"We are investing in the blue economy, contributing to the sustainable future of Portugal, Europe, and our Planet!"



***Blue Investor** will explore concepts, ideas, challenges, and opportunities regarding the role that technology and innovation can play in supporting a sustainable blue economy in Europe. Through three interactive keynote sessions, we will delve into current investments in Portugal within key areas for the development of the blue economy, as well as the emerging opportunities for the blue investors. Our audience will gain insights into the on-going investments aimed at reshaping our industrial sectors, including: the industrial cluster for ocean industries, offshore renewable energy, and blue biotechnology.*



EVENT OVERVIEW

The blue economy plays a fundamental role in transforming Europe's economy into one that is both resilient and low carbon. It also contributes to supporting the European Union in achieving its ambitions outlined in the European Green Deal.

Blue Investor brings together policymakers, local government agencies and industry representatives from the offshore renewable energies, ports, shipping, and technology sectors to explore how Portugal can lead the way towards a sustainable blue economy.

This event will address the role of emerging technologies and innovation in achieving this goal. It encompasses harnessing offshore renewable energy, advancing blue biotechnology, and accelerating the digital and energy transitions within ports, shipping, and the maritime industry.

Blue Investor is the perfect place to meet experts from different countries and with diverse backgrounds, sharing knowledge and experiences in all relevant aspects, aiming to highlight different approaches and facilitate the exchange of best practices to promote the financing of the sustainable blue economy.

At **Blue Investor**, we show case three projects financed by the Recovery and Resilience Plan and by private consortiums, aimed at nurturing new ventures in

Portugal's sustainable blue economy. The total investment amounts to 477 million euros and represents an important contribution to leverage the blue economy. Furthermore, these projects embody strategic initiatives that are set to transform the national economic landscape, catalysing innovative and differentiating actions to drive sustainable growth in the blue economy.

Blue Investor also offers three interactive sessions spotlighting current investment prospects in Portugal's emerging sectors of sustainable blue economy: the creation of the industrial cluster for ocean industries, the deployment of offshore renewable energies and the advancements in blue biotechnology.

Join us in exploring these promising opportunities with the aim of fostering technology-based sustainable ocean industries.

Our ambition is to accelerate and scale-up the impact of blue economy, through partnerships for the investment of sustainable business solutions aligned with the United Nations Sustainable Development Goals.

Moreover, Blue Investor is intended to be a dynamic platform where investors and promoters will converge to share insights and chart the course.

Save the date for October 4th, 2023, as Lisboa becomes the epicentre of new investment opportunities in the blue economy.

BLUE INVESTMENTS

INOVAMAR 

The blue economy is at the core of our development strategy. Our aim is to stimulate entrepreneurship, employment, and innovation, particularly in the marine bioeconomy, through a sustainable development model.

Portugal offers remarkable conditions for the development of marine bioeconomy and biotechnologies – modern infrastructures, extensive knowledge in marine sciences, promising startups, a committed private and foundational ecosystem, and international recognition in major maritime platforms. In the context of promoting and developing marine biotechnologies, the INOVAMAR consortium takes center stage. Its goal is to boost innovation in an economic sector primarily related with traditional activities like fishing, aquaculture, and fish processing.

The INOVAMAR brings an innovative approach into key sectors of the marine bioeconomy, facilitating the transition towards a low-carbon, circular, and inclusive economy. It also pioneers financially and environmentally innovative business models.

The INOVAMAR Agenda, involving a consortium of 83 entities, will develop new products, processes, and services resulting from the total or partial incorporation of goods from the blue bioeconomy. This initiative aims to achieve these goals by 2025, with an investment of 133 million euros.



BLUE INVESTMENTS

NEXUS



The digital and energy transition are causing a profound transformation in the actual business models and society, offering a unique opportunity to accelerate the competitiveness of structural sectors for the global economy such as the port and shipping industries.

The Strategic Guidelines for the National Port Sector - Horizon 2033 emphasizes the need for increased and improved investment in enhancing, modernizing, innovating, and making port infrastructure more resilient. This is paramount to lay the groundwork for the challenges of decarbonization port operations and green shipping.

Portugal is making a significant investment in the Port of Sines for the development of the green hydrogen cluster. Green hydrogen production emerges as a secure and competitive solution to decarbonize the national industry, port operations, and shipping. In this context, the focus on offshore renewable energies is essential to ensure electricity production to power the green hydrogen industry.

The NEXUS Agenda is led by the Port of Sines and encompasses a consortium of 35 entities. It aims to develop solutions that foster the digital and ecological transition of the transport and logistics sector by 2025. This initiative represents an investment of 92 million euros.



The NEXUS Agenda seamlessly blends the green and digital transition, an essential approach for establishing green transportation corridors at sea. This integration stands as a pivotal competitive factor, shaping the promising future of the maritime and port sectors.



BLUE INVESTMENTS

H2DRIVEN

The H2DRIVEN consists of the implementation and valuation of e-fuels in Portugal, as part of the energy transition. It encompasses the capability for design, development, and production of green hydrogen, biogenic carbon dioxide (CO₂), and e-methanol, positioning itself as an integrative platform and catalyst for new competencies across various disciplinary areas and disruptive technologies.

Through a combination of Research and Development (R&D) activities and Innovation, along with diversification of the specialization profile of the national production system, H2DRIVEN aims to achieve several objectives:

- Enhance Competitiveness and Resilience: Contribute to bolstering the competitiveness of the national economy while simultaneously increasing the country's resilience.
- Reduce External Dependencies: decrease reliance on foreign markets, amplifying exports, and contribute to the improvement of technological market failures in the European Union.

The H2DRIVEN initiative represents a substantial step towards positioning Portugal at the forefront of sustainable energy innovation and reinforcing its role within the global technological field. This initiative represents an investment of 248 million euros.



- Foster Investment in R&D: encourage investment in R&D and generate new technical-scientific knowledge.
- Develop High-Tech Projects: promote the development of two new High Technological Intensity Pilot Projects.
- Mitigate CO₂ emissions: by 2027, reduce a total of 105 kton/CO₂ (yearly) in carbon dioxide emissions.



BLUE OPPORTUNITIES

OFFSHORE RENEWABLE ENERGY

Portugal is Investing in offshore renewable energy to strengthen and expand the Industrial cluster associated with the floating wind and wave energy sectors.

Portugal has set the ambition high by placing the target for 10 GW available for offshore wind deployment by 2030. The first offshore floating wind auction is expected to occur in 2023.

For that purpose, Portugal is setting up a framework having in mind the development of 2 GW capacity produced from offshore floating wind connected to the National Grid by 2030.

With great wind conditions and one of the largest maritime areas in Europe floating wind farms will be a viable approach. Several developers are targeting the moment and the supply chain development will be critical for the success of the investment on offshore renewable energies.

The offshore renewables industry has the potential to ensure the development of competitive industries capable of exporting high-value products and services to an increasingly global market, driving therefore a supply chain in emerging technologies. Portugal has the potential to create a highly specialized new export sector.



Current mechanisms are being reinforced and reviewed to promote, streamline, and facilitate the development of floating wind energy.

Portugal offers a stable and competitive legal framework, ability to efficiently engage with promoters, and swift authorization and licensing processes, including the development of:

- "Go to Areas"
- "One-stop shop" services

Portugal also provides conditions that enable investors to develop innovation projects in offshore renewable energy. This includes access to a Technological Free Zone off the coast of Viana do Castelo, designed for the development of demonstration projects and tests in a real-world environment. The Viana do Castelo Technological Free Zone is a fundamental infrastructure that fosters synergies between promoters and the national industry from the initial project development phase.



BLUE OPPORTUNITIES

INTERNATIONAL CENTER FOR BLUE BIOTECHNOLOGY

Blue biotechnology places Portugal in an excellent position to strengthen its economic profile by focusing on the potential of endogenous resources and through the implementation of a sustainable and circular development model.

Portugal is in the global race for the blue biotechnology industry and aims to position as a world leader in the development of this sector. Portugal has natural conditions that provide significant advantages in accessing strategic bioresources and a technological infrastructure, essential ingredients for the growth of the blue biotechnology sector. Harnessing this potential will be crucial for the development of a technologically advanced industry with high added value for the economy.

Portugal is driving the reindustrialization of traditional marine bioeconomy sectors through blue biotechnology, supporting the creation of an International Center for Blue Biotechnology, with a specific focus on sustainable blue biotechnology entrepreneurial projects and blue biorefineries.

Blue biotechnology offers potential for the development of new bioproducts, bioplastics, textiles, industrial enzymes, medicines, among other products and ultimately contributes to climate change mitigation. By investing in the blue biotechnology sector, promoters will be able to support the sustainable use of marine bioresources and promote economic growth that benefits both people and the planet.

With the creation of the International Center for Blue Biotechnology we put forward the ability to attract investment to leverage the blue economy, an important contribution to the creation of higher added value and increased skilled employment.



