

## Alternative fuels, multimodal integration and data are reshaping Europe's maritime transport

**From March 10 to 11, eMobility Expo World Congress – MOW 2026 will showcase Spain's first hydrogen-powered recreational boat**

**Madrid, February 27, 2026** – European regulatory pressure, rising energy costs and international climate commitments are accelerating the transition of shipping companies, ports and logistics operators toward alternative fuels, electrification and more efficient operating models. In this context, [eMobility Expo World Congress – MOW 2026](#), Europe's largest professional event for the sustainable, autonomous, electrified, connected and safe mobility industry, will bring together **more than 375 international experts and leaders** on **March 10 and 11** in Malaga to address the challenges of sustainable mobility in all its segments, including maritime.

The event will host the Maritime Transport Forum, a summit which will analyze the challenges facing the sector, marked by the transition towards decarbonization, electrification and the use of clean energy. This initiative will be addressed by Ignacio Álvarez-Osorio, General Director at the **Andalusian Public Ports and Logistics Network Agency**, who will discuss the evolution of ports in this new era marked by the application of digitalization and the goal of reducing emissions.

The maritime tourism and recreation sector is also undergoing a major transformation to accelerate its transition to zero emissions. Cruise operators and passenger transport providers are committed to integrating new clean energy models and solutions that simultaneously boost their competitiveness, operational efficiency and passenger experience. In this context, the co-founders of **Dhamma Blue**—the **first Spanish recreational boat powered by hydrogen**—Philippe Esposito and Robín Imaz, together with Esther Molina, Manager of **Suncruise Andalucía**, and Bosco Serrano, who leads **Transport & Environment's** initiative for the decarbonization of the maritime and aviation sectors at the national level, will discuss how to balance the passenger experience with environmental responsibility and compliance with international regulations.

### **Multimodal transport across multiple products and customers**

EU transport policy is moving towards sustainable, energy-efficient and environmentally friendly mobility. To achieve this goal, it is essential to have a multimodal transport model that optimally combines different modes of transport, ensures interoperability between mobility systems and ensures that transport chains meet user needs with efficient logistics services. In this context, Nuria Lacaci, Secretary General at the **Spanish Shippers' Association**; Noelia Martín, energy analyst at the **Port of Barcelona**; Ramón Adé, manager at the **Zaragoza Maritime Terminal – tmZ**, the main rail-port terminal in Spain; and Enric Ticó, president at **FETEIA** with more than 30 years' experience in the logistics, transport, and infrastructure sector, will explore the importance of a multimodal policy to ensure the competitive integration of all transport models. The experts will analyze the creation of a favorable framework for logistics services in the European Union that guarantees better integration of transport modes and ensures interoperability at all levels of the transport system.

## Technology as a driver of operational efficiency and life-saving capabilities

The application of technology is enabling ports to take a qualitative leap forward, transforming themselves into smart, connected platforms. Ports are evolving into highly digitized ecosystems where data becomes a strategic asset for improving operational efficiency, sustainability and multimodal integration. In this area, Teófila Martínez, President of the Port Authority at the **Bay of Cádiz**; Fernando Arjona, Head of the Information Technology and Innovation Division at the **Port of Malaga**; and Salvador León, Head of the Digital Transformation and Innovation Division, Technological Development Area at the Port Authority of **Algeciras Bay**, will explore how the capture, integration and exploitation of real-time data can optimize logistics flows, anticipate incidents, reduce emissions and improve decision-making.

But where technology provides great opportunities is in offshore healthcare. Hospital ships represent one of the greatest challenges in applied engineering, integrating advanced medical systems, complex logistics and critical mobile infrastructure. In this regard, Gerardo Vangioni, CEO at **Mercy Ships Spain**, will present the case of **hospital ships**, showing how innovation makes it possible to bring healthcare to the most remote places, training local professionals and strengthening healthcare systems. Vangioni will explore a real-life story of how applied engineering and maritime logistics can generate sustainable social transformation.

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**About [eMobility Expo World Congress - MOW](#) (March 10-11, 2026 – FYCMA, Málaga):** It is the professional event for the autonomous, electrified, sustainable, connected and safe mobility industry. Over two days, eMobility Expo – MOW 2026 will bring together in Malaga leading companies specializing in micromobility, the automotive industry, technology, manufacturers of electric batteries and charging systems, new fuel sources, products for automated and autonomous driving, the components industry, logistics, aeronautics, rail, and naval industries, as well as the startups that are revolutionizing the sector. The MOW congress will take place within the framework of the event, where more than 370 experts will share the keys to implementing new business models and present the latest technological and sustainable trends in the mobility landscape.