

## **Fincantieri Group: Fincantieri Infrastructure Opere Marittime and WSense sign an agreement for the integration of advanced underwater monitoring and communication technologies in maritime infrastructures**

**Trieste/Milan, December 11, 2025** – Fincantieri, through its subsidiary **Fincantieri Infrastructure Opere Marittime**, and **WSense**, a scale-up specializing in the development of technologies based on underwater communication protocols and advanced environmental and structural monitoring systems, have signed a collaboration agreement - signed by the CEO of Fincantieri Infrastructure Opere Marittime, **Giorgio Bellipanni**, and by the CEO of WSense, **Chiara Petrioli** - aimed at integrating, into projects of common strategic interest, the most advanced technical solutions and equipment currently available in the sector.

The agreement provides for the adoption, in major maritime and port infrastructures, of WSense technologies to collect reliable real-time, continuous data on various classes of seabed and water column parameters: current intensity and direction, water quality and turbidity, biodiversity, underwater noise, and even the stability of structural elements. These capabilities enable the **Internet of Underwater Things (IoUT)** and the creation of advanced monitoring and early-warning systems, essential for strengthening safety, predictability, and control in port activities such as dredging, breakwaters, and protective structures.

The partnership is also part of a shared path to promote environmental sustainability, through tools designed to monitor the impact of infrastructures on surrounding ecosystems and to support increasingly responsible and informed design decisions thanks to the analysis of sensitive parameters.

**Pierroberto Folgiero, CEO and Managing Director of Fincantieri**, stated: *“This partnership with WSense further strengthens our ability to integrate cutting-edge technologies into maritime infrastructure projects. The application of IoUT represents a decisive step toward safer, smarter, and more sustainable ports. Through this agreement, we reinforce a shared vision that combines innovation, environmental protection, and national competitiveness.”*

**Chiara Petrioli, CEO of WSense**, said: *“This collaboration allows us to provide Fincantieri not only with our technologies, but also with our growing industrial capability in delivering underwater systems that are reliable, scalable, and ready for integration into major maritime infrastructures. Our IoUT platform is designed to operate in complex environments, supporting infrastructure management with continuous data and advanced tools for control, safety, and sustainability.”*

The new agreement strengthens an already solid relationship between Fincantieri and WSense. In April, the Group formalized its participation in an investment in the scale-up, subscribing to a convertible loan of 2.5 million euros, with with an option to extend it by an additional €2.5 million. The collaboration, initiated with the signing of a Memorandum of Understanding (MoU) on December 2023, had already delivered concrete results, including the awarding of three tenders from the National Underwater Dimension Hub, aimed at developing advanced underwater communication solutions.

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### About Fincantieri

Fincantieri is one of the world's largest shipbuilding groups, the only player active in all high complexity marine industry sectors. The Group is a leader in the construction of cruise ships, naval and offshore vessels, and stands out for its extensive experience in the development of underwater solutions, thanks to its integrated industrial structure capable of managing and coordinating all activities related to the commercial, defense, and dual-use sectors. It holds a strong presence in key markets also thanks to the internalization of high value-added, distinctive technologies; it is also a leader in sustainable innovation and in the digital transformation of the shipbuilding sector. The company is active in the field of mechatronics, electronics, and digital naval systems, as well as in cybersecurity, artificial intelligence, and marine interiors solutions. It also offers a wide range of after-sales services, including logistic support and fleet assistance. With over 230 years of history and more than 7,000 ships built, Fincantieri is a global player with a production network of 18 shipyards worldwide and over 23,000 employees. It maintains its know-how, expertise and management centres in Italy, where it directly employs over 12,000 workers and creates around 90,000 indirect jobs.

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### About WSENSE

Giving voice to the ocean by enabling large-scale, high-density, real-time underwater data collection while fully respecting marine ecosystems: this is WSENSE's mission. Powered by patented technologies, WSENSE solutions use multi-frequency acoustic waves and wireless optical systems, enabling real-time, reliable and secure underwater wireless communications without impacting the seabed. A true "underwater Wi-Fi" that connects robotics, sensors, actuators and professional divers within a unified communication ecosystem, supporting underwater domain awareness and the protection of critical infrastructure. Active since 2017, WSENSE now relies on a team of over 80 engineers and researchers – with offices in Italy, Norway and the United Kingdom, and employees in France and the United Arab Emirates – and counts among its clients the Italian Ministry of Defence, the Italian Navy, the National Center for Wildlife, the Italian Institute for Environmental Protection and Research (ISPRA), the National Institute of Geophysics and Volcanology (INGV), ENEA, Terna, AkerBP, A2A, ENI, as well as partnerships with companies such as Leonardo, Saipem, Fincantieri and Alcatel Submarine Networks. To date, WSENSE has transmitted in real time more than 2.5 million ocean data points across over 50 parameters.

**More information:** <https://wsense.it> - [https://bit.ly/WSense\\_WEF](https://bit.ly/WSense_WEF)

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