



SEASTEMA launches the "MARIN" Project for the development of unmanned ships

Regione Puglia, within the so-called "Contratto di Programma" that supports research and innovation activities for medium and large companies, has approved the "MARIN" Project (Integrated Marine Remote Environmental Monitoring) with a total investment of about euro 6 million over three years.



Photo: Teseo I – Distretto Navtec

The "MARIN" project proposes the conceptual definition of a multi-functional unmanned marine platform that integrates and coordinates aerial and underwater drones in a coastal monitoring scenario for environmental safety and littoral security operations.

The platform will be remotely managed through a control station and with the help of an advanced decision support system.

The enabling technologies will be developed and verified on field through sea tests on a Technological Demonstrator, which will consist of a package of innovative sensors and control systems implemented on an existing naval platform with a length of about 20mt., in order to allow remote monitoring and control from a ground operator station.

The activities related to the project will take place in Lecce under the coordination of SEASTEMA (a Fincantieri Group company) and with the participation of RINA Consulting, Co.M.Media (small enterprise operating in ICT) and the scientific collaboration of the University of Salento and Apphia (innovative enterprise).

SEASTEMA will develop the automatic control, decision support and sensor data fusion logics required to provide the tools for complete management and situational awareness of the vehicle to the remote operator.

MARIN will allow SEASTEMA to consolidate and further develop its technological expertise in the field of autonomous vessels with the goal to create in Lecce, thanks to the support of the Puglia Region and other partners, a center of excellence in one of the maritime sectors with the strongest growth prospects.

Alessandro Concialini, CEO of SEASTEMA, commented: "We strongly believe in the development of unmanned ships and we are particularly proud to put our experience and know-how at the service of such a challenging project that could be the driving force and a boost factor for industrial innovation in the area and beyond. Thanks to these initiatives SEASTEMA will strengthen its technological leadership in a very competitive sector".

SEASTEMA is a global player in naval automation, navigation, command & control systems and integrated/innovative solutions for Military Ships, Merchant Ships, Yachts and Coastal and Maritime Systems.

www.seastema.it

Fincantieri is one of the world's largest shipbuilding groups and number one for diversification and innovation. It is leader in cruise ship design and construction and a reference player in all high-tech shipbuilding industry sectors, from naval to offshore vessels, from high-complexity special vessels and ferries to mega yachts, as well as in ship repairs and conversions, production of systems and mechanical and electrical component equipment and after-sales services. With over 230 years of history and more than 7,000 vessels built, Fincantieri has always kept its management offices, as well as all the engineering and production skills, in Italy.

With over 8,900 employees in Italy and a supplier network that employs nearly 50,000 people, Fincantieri has enhanced a fragmented production capacity over several shipyards into strength, acquiring the widest portfolio of clients and products in the cruise segment. To hold its own in relation to competition and assert itself at global level, Fincantieri has broadened its product portfolio becoming world leader in the sectors in which it operates.

With globalization, the Group has around 20 shipyards in 4 continents, over 19,000 employees and is the leading Western shipbuilder. It has among its clients the world's major cruise operators, the Italian and the US Navy, in addition to several foreign navies, and it is partner of some of the main European defense companies within supranational programs. Fincantieri's business is widely diversified by end markets, geographical exposure and by client base, with revenue mainly generated from cruise ship, naval and Offshore and Specialized vessel construction. Compared with less diversified players, such diversification allows it to mitigate the effects of any fluctuations in demand on the end markets served.

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