

# MAESTRI

## Macro Cabin Modules and Integrated Structures for Cruise Ships

Budget: € 1,989,955.09

Fincantieri S.p.A., together with Marinoni, the University of Udine and the University of Trieste, is a partner of MAESTRI (Macro Cabin Modules and Integrated Structures for Cruise Ships), a research and development project in the field of Maritime Technologies, co-funded by the European Regional Development Fund.

The project has been set up as a laboratory of innovation, in which all the current design and construction concepts of mega cruise-ships will be renewed to promote a new construction concept based on macro-cabins modules. Such a solution aims at:

- increasing the number of passenger cabins on equal ship tonnage;
- reducing the weight of the structures;
- reducing the construction and outfitting times for future cruise ships.

Through the close cooperation among important business and scientific actors of the local area (Regione Friuli Venezia Giulia), MAESTRI will allow the development of design and construction innovations, which will follow a technical-economic feasibility analysis. The fusion of know-how and innovative technological solutions proposed by Fincantieri and Marinoni, supported by the two academic partners, will lead to the identification of promising solutions able to meet the needs of ship-owners. The partners will rely on the logistical and production know-how of the Monfalcone shipyard and the Arsenale Triestino S. Marco.

The project is included within one of the priorities of the Regional Operational Program (2014-2020) of the Italian Region Friuli Venezia Giulia (Objective "Investments to support Growth and Employment, Objective 2014-2020", Axis 1 – "Strengthening research, technological development and innovation", Action 1.3 – "Support of collaborative R&D activities for the development of new sustainable technologies, products and services").



**POR FESR**  
**2014 2020**  
*Friuli Venezia Giulia*

PROGETTO COFINANZIATO CON IL FONDO EUROPEO DI SVILUPPO REGIONALE DEL PROGRAMMA OPERATIVO REGIONALE DEL FRIULI VENEZIA GIULIA.

**POR FESR 2014-2020**

**OPPORTUNITÀ PER UNA CRESCITA SOSTENIBILE**



REGIONE AUTONOMA  
FRIULI VENEZIA GIULIA