NAVALPROGETTI is a Ship Design Company of Naval Architects, Marine and Industrial Engineers and Ship Surveyors that has been operating since 1975. We are specialized in consulting, design and engineering: from small concept developments to complete engineering packages in the marine and offshore sectors.

We can rely on a highly motivated and qualified workforce, whose skills and experience form the basis of a team capable of developing tailor-made solutions in accordance with the client’s requirements.

NAVALPROGETTI (people are BOSIET HUET certified (Basic Offshore Safety Induction & Emergency Training – Helicopter Underwater Escape Training).

NAVALPROGETTI is certified to ISO 9001:2008 standards.
NAVALPROGETTI offers design, engineering and consultancy services related to ice classed vessels.

Since 2001, we have been involved in the development of the ice classed fleet sailing in the North Caspian Sea. That has also allowed us to increase significantly our experience in full scale trials and field expeditions on ice.

NAVALPROGETTI is capable to offer the following services:

- Design of ice classed vessels
- Ice tank tests assistance
- Full scale trials in ice
- Optimization studies related to ice classed vessels
- Field expeditions for the investigation on the mechanical and physical properties of the ice

NAVALPROGETTI constantly works to provide the client with the best possible service. This is achievable through a combination of experience and innovation.

In order to meet the fast growing requirements of the shipbuilding and offshore business, we are constantly up to date with the latest technologies, such as calculation software and instrumentation for measurements on board.

Our research activities, in over 35 years of work, investigated many research fields.

- Non-conventional propulsion for ships operating in dangerous atmospheres
  An innovative Air Independent Propulsion System has been studied for tug propulsion in emergency conditions, as when H₂S gas is released in the atmosphere. The system is now based on Li-ion batteries.
- LNG (Liquefied Natural Gas) propulsion
  In the period 2010-2012, NAVALPROGETTI was involved in a European industrial research project regarding the use of LNG as fuel. The project was one of the first industrial projects to develop an environmentally friendly ship fuelled by LNG.
- Special hull forms to reduce frictional resistance (Air Cavity Ships)
  The installation of an air cavity on the ship bottom has been studied to improve the vessel hydrodynamic characteristics by a reduction of frictional resistance.
- Underwater noise predictions
  NAVALPROGETTI has been asked to carry out a theoretical and practical evaluation of underwater noise caused by operation activities in North Caspian Sea, in order to determine the impact on the local fauna.