



# ECODESIGN FOR THE NAUTICAL SECTOR

an opportunity for the sustainable development of the sector

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# WHAT



**LIFE +** is a financial instrument of the European Union to support the environment and nature through projects that the EU evaluates and approves, monitoring the implementation. Some are referred to as strategic. E.NA. is one of these.

**E.NA.** is a project dedicated to Eco-design for the nautical sector, approved by Life + programme in September 2010. It has a duration of 4 years, so the conclusion is expected in August 2014.

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# OBJECTIVES

With this project, Italy and specifically the Marche Region, through the actions promoted by the Province of Pesaro and Urbino, was designated by the EU to identify guidelines and criteria for the design and production of boats for the nautical sector according to the needs of :

- Environmental Sustainability,
- Social Sustainability
- Economic Sustainability

within the general framework of the Italian nautical entrepreneurial culture, always recognized as global industry leader.



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# THEMATIC AREAS



The project E.NA. is divided into five project areas with the relevant actions for implementation:

- 1 - Awareness raising and information/training
- 2 - Investigation and cognitive analysis
- 3 - Research and Experimental Testing
- 4 - Implementation - Prototyping
- 5 - Diffusion and Dissemination

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# ENVIRONMENTAL SUSTAINABILITY

Through an impact on the factors that regulate the LCA (Life Cycle Assessment or Life Cycle of the Product):

- a)** reduction of emissions (at the source) that constitute risk to operators and the environment with permanent monitoring and control;
- b)** management, minimization and processing of waste, reduction of waste for disposal;
- c)** Calculation of the CFP (Carbon Foot Print or Ecological Footprint or Footprint of CO2 consumption).



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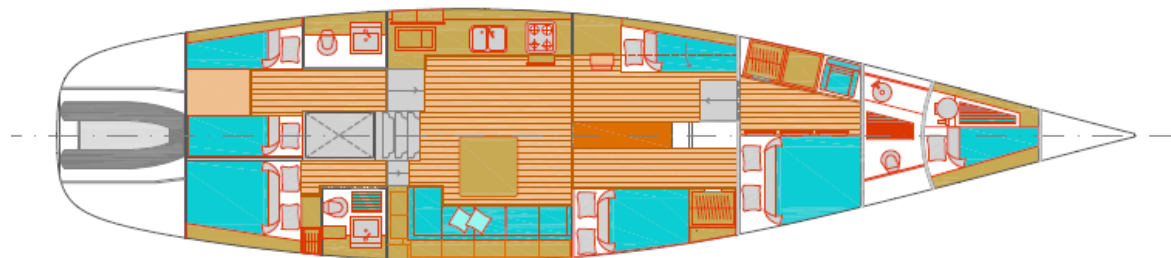
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# SOCIAL SUSTAINABILITY: FOR ALL



- a)** Identification of the basic criteria for the design and implementation of pleasure craft accessible to all (ForAll);
- b)** Implementation of solutions volumes/spaces and mountings for facilitate the onboard activities for all.



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# ECONOMIC SUSTAINABILITY



Along with environmental sustainability is essential the economic one, the final product must be made according to the indications emerging from the market.

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# PARTNERSHIP



**Provincia di Pesaro e Urbino** – Project coordinator, partner responsible for project managing

**Provincia di Ancona** – Institutional partner for sensibilization and dissemination

**Camera di Commercio di Ancona** – Partner for sensibilization and dissemination activities

**Consorzio Navale Marchigiano** – Partner for cognitive monitoring of the nautical sector

**Università degli studi di Urbino** – Partner for scientific R&D

**Linset** – Laboratory, partner for testing and experimentation

**Adriatic Festival** – Partner for promotion and dissemination

**Gitecma** – Partner for planning and implementation of the prototype

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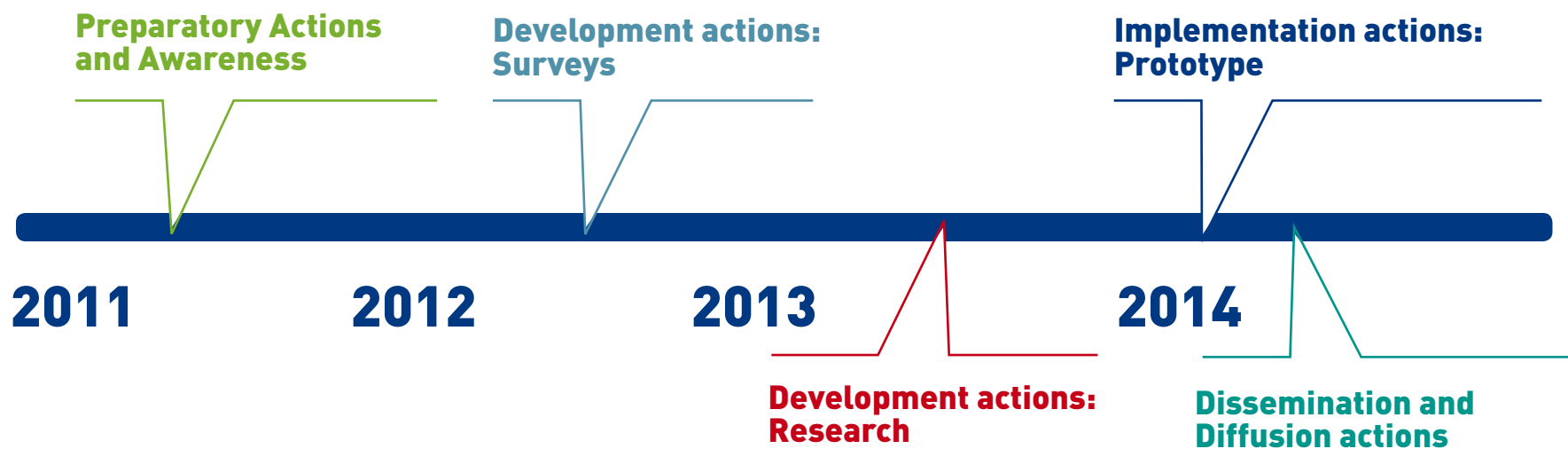


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# CRONOPROGRAMMA



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