



INNOVATIVE PRODUCTION SYSTEM FOR WORK BOAT CATAMARANS

SMEInst-1-10-2016

The project aims to assess the technical and commercial feasibility of Modular Moulding System (MMS) technology in boatbuilding which makes economical convenient the use of polypropylene which is 100% recyclable. The goal is to win the trade-off between mass production and customization using the modular approach and to reduce the environmental impact of the materials employed in boatbuilding.

Polypropylene composites need expensive metal moulds.

Moulds overall costs represent the principal economic barrier for the development of this technology which in turn allows for the construction of boats with reduced environmental impact.

Innovation in this project involves design and process to adapt MMS technology to boatbuilding utilizing a single set of modular moulds to build an entire new family of catamaran work boats thus maintaining low the overall investment cost.

Participants:

MICAD (Coordinator) - Italy
CATMARINE - Italy

Start: December 1st 2016

End: May 31st 2017

Resources to be committed

Cost of the feasibility study:

71.429,00€

Maximum EU contribution:

50.000,00€

Funding scheme: SME-1

Proposal number: 743563

Acronym: INCAT

Duration: 6 months