

Integration of recycled and Bio-based Composite Materials in High-performance Marine Components

Sector: Marine infrastructures

Short description of the needs:

Neotecmar (AguaCarbon) intends to launch R&D activities aimed at partially replacing conventional virgin CFRP materials with recycled carbon fibers and bio-based resins in the production of accessories for the recreational boating and yachting sector. The proposed solutions must be compatible with current composite material production processes while ensuring that mechanical, thermomechanical, and durability performance requirements are maintained. The company is seeking partnerships and/or collaborations with material suppliers, composite/AM technology developers, and research institutions to support field research, the development of innovative mechanical and durability testing solutions, and life cycle assessment (LCA) for future industrial implementation.

More info: For more information apply to eccentric@imast.it

Company: Neotecmar S.r.l.

Point of contact for the brief/challenge: IMAST - Distretto Tecnologico per l'Ingegneria dei Materiali Polimerici e Compositi e Strutture

Company position in the value chain: OEM