



## Project NAVALTEX

New high added-value textile products for marine and shipbuilding applications

### Coordinator

Filidea SpA

### Partners

CNR-ISMAR

Famas Srl

Pratrivero SpA

Tintoria di Quaregna Srl

*In co-operation with the UIB*

(Biellesse Industrial Association), RINA e UCINA

### Project objectives

To meet the demands of the shipbuilding industry with textile products:

- for furnishing (development of natural and acrylic fabrics with new production processes)
- for technical/structural products which can replace glass fiber

To reduce weight and cost and to improve the environmental impact, recyclability included.

### Abstract

The project aims at the development of:

- furnishing with high resistance to light, weather and corrosion, good hydro/oleo repellence
- technical/structural textiles for interior applications, with high flame resistance, high thermal and sound-proof insulation

The following products were studied and developed:

- 100% natural textiles (materials and processes)
- acrylic textiles with flame resistant and anti-bacterial properties, which can, thanks to an innovative production process, replace modacrylic textiles, and can be produced in new colors
- non-woven fabrics with insulating and soundproofing properties, which are reformable and can be used for external covers in furnishing
- basalt based materials to be used for panels with flame resistance, soundproof and thermal and acoustic insulation properties



CDE "G. Pella" - Biella



2015  
Anno europeo  
per lo sviluppo

Intesa del progetto «Anno europeo dello Sviluppo 2015» di ricerca e sviluppo, durata: 1 anno, finanziata dal Ministero delle Politiche Regionali e del Mezzogiorno, in collaborazione con il Comitato Italia Rappresentanza in Italia della Commissione Europea.

Project for the development of cooperative innovation

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PROGETTO 2015-2016



REGIONE PIEMONTE



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