

Designation of the project | NIDYARN .: R&D consortium for functional high performance yarns

Project code | NORTE-01-0247-FEDER-021963

Main objective | Reinforcing the research, technological development and innovation

Region of intervention | North

Beneficiary entity | INOVAFIL FIAÇÃO, S.A.

Data of approval | 2017-01-27

Starting date | 2016-07-08

Ending date | 2019-07-07

Total eligible cost | 478.644,24 €

Financial support from the European Union | FEDER – 284.336,17 EUR

Project Overview:

The project 21963 NIDYARN aims the creation of a research and development group in the field of functional high performance yarns for use in technical textile products for different application areas as sport, health, personal protection, automobile and home-textile. Thus, it is intended to constitute a structure of R&D in co-promotion able to identify and answer to the challenges proposed to these filiform fibrous structures, taking into account the needs of specific markets and the scientific and technological advances that have taken place over the last years in various domains, including nanotechnology, synthetic biology, functionalization of materials, among others. The consortium is made up of the INOVAFIL company, and the non-corporate entity, the University of Minho, gathering the technical and scientific skills to develop it. The application falls within the scope of SI Research and Technological Development.

