



PROJECT R&D+I

TITLE

ECOTEX - DEVELOPMENT OF MORE SUSTAINABLE SOLUTIONS FOR TEXTILE STAINING

HIGHLIGHTS

Textile dyes based on polysaccharide. Biological solutions for textile discoloration. Innovative solutions for more sustainable processes.

ABSTRACT

The main objectives of the EcoTex project are the development of polysaccharide-based textile dyes, which require reduced amounts of reagents for their application, and biological solutions of textile discoloration (in particular using microorganisms and/ or enzymes consortia) that allow the replacement of currently used physical and chemical processes, as well as the reduction of the volume of effluents produced.

These new products are intended for companies that are particularly concerned about issues related to the environmental impact of their products and processes, aware of the market needs for more sustainable solutions.

KEYWORDS

Bio-Dyes, Biological Discoloration, Innovation, Sustainability, Textiles, Industrial Biotechnology

PROMOTERS / PARTNERS

Escola Superior de Biotecnologia - Universidade Católica Portuguesa (Coordinator); Aquitex.

FINANCING PROGRAM	EXECUTION DATE	BUDGET
NORTE2020 (NORTE-01-0247-FEDER-017819)	START: 01-10-2016 END: 30-09-2019	TOTAL: € 365 708,83 FEDER: € 265 122,62
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