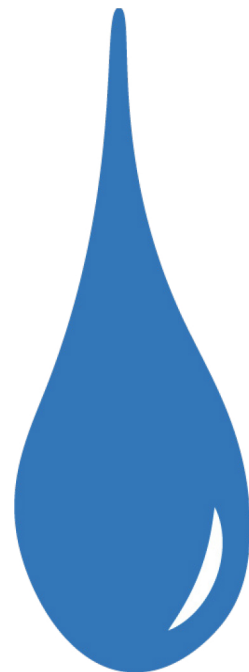


# guid stex



## Smart Water Management Project Sheet

19/04/2023

Co-funded by



**Project Reference** | No. C644943052-00000050

**Project Number** | No. 17

**Funding Program** | Recovery and Resilience Plan

**Component** | C5: Business Capitalization and Innovation

**Measure** | RE-C05-i01.01 - Agendas/Alliances for Business Innovation

**Eligible Investment** | €18,141,273.21

**Incentive** | €11,385,568.03

**Start Date** | 01/10/2022

**Completion Date** | 30/09/2025

## Objective

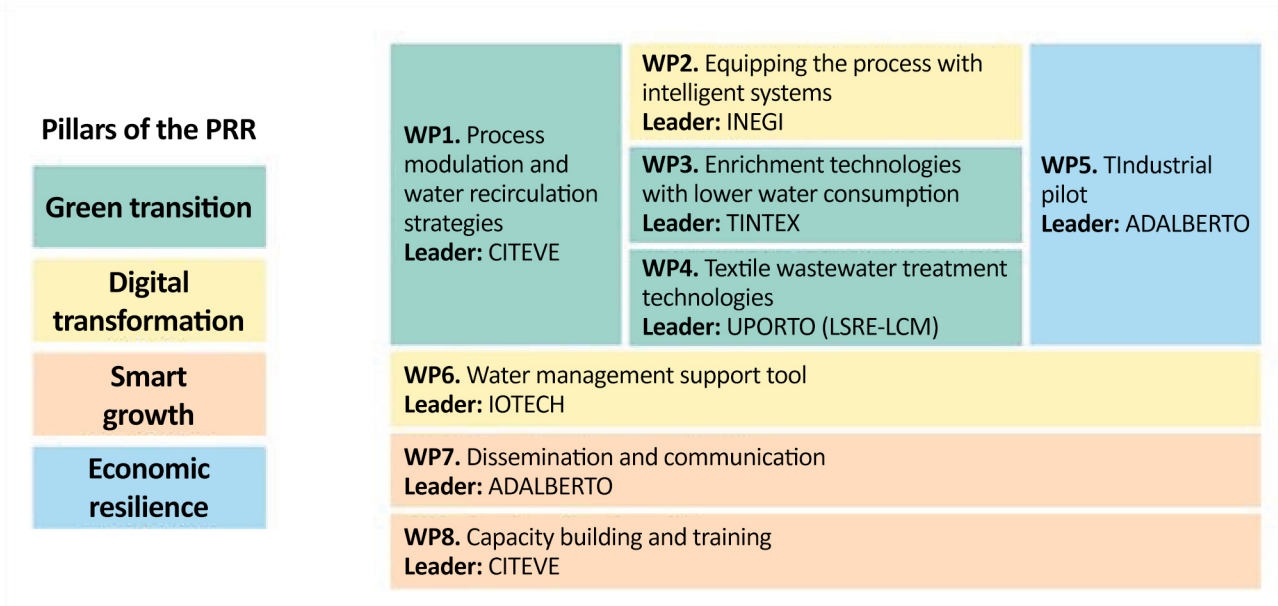
The GIATEX project aims to address the challenges faced by companies in textile finishing, particularly in reducing intensive water usage.

The goal is to develop a set of tools to help these companies: empresas:

1. Decrease specific water consumption (by using less water-intensive finishing technologies and adopting treatment technologies that allow water reuse)
2. Assist in decision-making regarding the final destination of water (through the integration of process monitoring and control systems and a new water management support tool). água).

The lead promoter is Estamparia Têxtil Adalberto Pinto da Silva, S.A. (ADALBERTO), under the technical coordination of CITEVE, and is structured into 8 WPs aligned with 4/6 Strategic Pillars of the Recovery and Resilience Program (PRR): (i) Green Transition; (ii) Digital Transformation; (iii) Smart Growth; and (iv) Economic Resilience. Each WP is divided into several specific tasks.

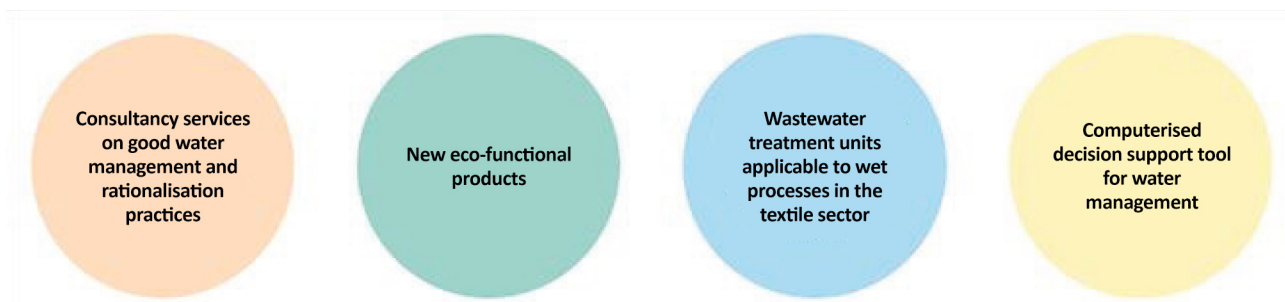
## Project Structure



The main activities of the project include:

- Study and analysis of wet processing techniques; 7
- R&D in smart process monitoring systems
- R&D in water-efficient enhancement technologies
- R&D in wastewater treatment technologies from the enhancement process in textile production
- Implementation of developed technologies in pilot units
- Development of a decision-support software tool for water management

## Expected Outcomes:



## Consortium:

The GIATEX project brings together 27 partners, including 5 large enterprises, 12 small and medium-sized enterprises (SMEs), 8 Non-Business Entities from the Innovation System, and 2 Local Government

27 PROMOTORS	5 Non SME	
	12 SME	
	8 ENESII	
	2 Local Government Organizations	

<https://recuperarportugal.gov.pt>