

**Project Designation** | Fibersail: Real time and automated shape sensing FBG fiber optic system to monitor the condition and behavior of wind turbine blades

**Project Code** | NORTE-01-0247-FEDER-113890

**Main Goal** | Boost investigation, technological development and innovation

**Intervention Region** | North

**Beneficiary Entity** | STME – Sistemas de Monitorização de Estruturas, Lda.

**Approval Date** | 29-07-2021

**Start Date** | 01-07-2021

**End Date** | 30-06-2023

**Total Eligible Cost** | 2.681.277,00 EUR

**European Union Financial Incentive** | FEDER – 1.608.766,20 EUR

## Goals and Expected Results

This project aims to demonstrate the technical and financial advantages of a solution to monitor the condition of wind turbines allowing a greater efficiency of operation and the respective reduction of maintenance costs.

Throughout the project it is expected to conduct two demo pilots of the technology in real life situations, which will originate public sessions of presentation and demonstration of the solution.

