

SISTeMa Marche Territorial Seismic Information System PROJECT

DESCRIPTION

Standardization, survey, and data entry into SISTeMa, to optimize the management of public real estate in earthquake-prone areas and achieve more cohesive administrative and financial management of the territory based on this asset.

OBJECTIVES

- Monitoring of structural performance in public buildings
- Computerization of collected data
- Development of a cloud platform for centralized information management

RESULTS

- Management of real estate in "fragile" areas
- Prevention and management of natural disasters
- Support for public administrations in the development of predictive models

PROJECT CO-FINANCED BY THE EUROPEAN REGIONAL DEVELOPMENT FUND. FINANCIAL SUPPORT RECEIVED FROM THE EUROPEAN UNION IS €38,516.00

Earthquake Investment Project

The project involves expanding production through the purchase and renovation of a new facility dedicated to the production of measuring instruments for the geotechnical sector.

The expansion of the research, development, and prototyping laboratory will enable the development of new systems for the structural monitoring of public and private infrastructure.

DESCRIPTION

Regarding the technological areas identified by the smart specialization strategy, the project has implications for home automation, sustainable manufacturing, and the transversal area of ICT solutions and advanced business services.

Specifically, the project features the following:

- Development of new high-tech products and advanced services
- Strengthening internationalization processes and the production system
- Business innovation in digitalization and organizational and management aspects
- Organizational methodologies based on Industry 4.0 principles
- Promotion of innovative solutions to address the social challenges of local communities

PROJECT CO-FINANCED BY THE EUROPEAN REGIONAL DEVELOPMENT FUND. FINANCIAL SUPPORT RECEIVED FROM THE EUROPEAN UNION IS €220,212.94

Manufacturing and Work 4.0 Project

The company's project focuses on rapid production and digital manufacturing for small batches, through the purchase of machines and equipment that use additive technologies to produce custom-designed components for special applications (3D printers).

DESCRIPTION

This project led to the introduction of digital and rapid prototyping and digital manufacturing technologies in the R&D and Production departments. Gestecno, which has always used CAD systems for product design, has also completed this department with the introduction of two professional 3D printing units with complementary features, a CAM system for managing CNC milling production, and basic and intermediate training in 3D modeling, material technologies and printing processes, slicing, and post-processing techniques. In addition to these specific acquisitions of innovative technologies and know-how, infrastructure investments were also made to strengthen the company's IT network through the acquisition of a server with higher processing and data storage capacity and the implementation of more advanced cybersecurity devices and solutions.

PROJECT CO-FINANCED BY THE EUROPEAN REGIONAL DEVELOPMENT FUND. FINANCIAL SUPPORT RECEIVED FROM THE EUROPEAN UNION AMOUNTS TO €17,103.65.