

SISMA®

PROJECT TECHNICAL DATASHEET

SUPPORT IN THE SCOPE OF THE INCENTIVE SYSTEM

Entity: Sá Couto & Monteiro, SA

Project Designation: SISMA New Plant – innovation, diversification and sustainability in precision machining

Objective: Reforçar a competitividade das PME

Location: Silva Escura, Maia -Portugal

Total Cost:	4.9777.500 Eur
Financial Support from the European Union	3.302.250 Eur
National Public Financial Support:	0 Eur

Project Overview:

The company Sá Couto & Monteiro, SA or SISMA®, started its activity in 1987 as a result of the entrepreneurial vision of the one who still today is its CEO, José Sá Couto, who has since dedicated himself to activities that incorporate high customer value, design and precision CNC machining of metal parts and components. As a provider of precision services, SISMA is part of sophisticated national and especially international value chains, namely the medical industry - medical devices, optical instruments, the automotive industry and a multitude of other industries with needs for high quality and precision products, with a portfolio of world-renowned customers.

The ongoing Innovation Project aims to continue the company's strategy of positioning itself in high added value markets, regarding its solid know-how of more than 30 years as a supplier specialized in precision machining in series production, fortify its position in the medical, optical and automotive industry and at the same time respond to new demands from the fast growing markets like the aeronautics industry. This will be achieved by increasing the installed production capacity and the efficiency of the production process and by establishing physical and organizational conditions that will meet the strict and demanding requirements regulating forefront industries such as aeronautics and medical devices.

In order to achieve these objectives, the construction of new facilities is being carried out. The construction of an industrial warehouse designed based on methodology and factory design techniques demonstrates not only the concern with productive and organizational optimization through the physical arrangement (layout), but also the adoption of the best architecture practices for the industry, which assure excellent infrastructure conditions in terms of health, energy efficiency and safety with the aim of offering the best conditions to its employees and all other stakeholders. One of the most important features of this construction is the implementation of HVAC air conditioning, which will provide employees optimum working conditions and will also enable regulation and maintenance of the ideal temperature standards required for the operation of the machine park. This will positively influence their profitability and final product quality.

At the same time, due to the concerns about environmental sustainability and energy efficiency, photovoltaic panels for self-consumption and an ETAR will be installed, which will, among others, result in the treatment and reuse of water for sanitary and irrigation purposes.

The investment in state-of-the-art technology is already recorded in the history of SISMA and it will continue to be through the acquisition of CNC lathes, CNC milling equipment, CNC mobile head lathes and metrology equipment among others. This guarantees one of the company's highest competitive advantages – maximum quality and strict compliance of customer requirements. Taking into account the specificities of highly regulated industries such as the aeronautics and medical industry, investments will also be made in the acquisition of specific equipment for the machining of parts belonging to these areas. A controlled environment room will be installed and equipped to guarantee the existence of laminar flow.

Given the globalization era in which we find ourselves, processes' dematerialization through their scanning, with the aim of absence of geographical and hourly borders that have already placed SISMA as a main exporting company (about 90% of its production), and the company will also continue to invest in software and hardware. This will be essential to the development of the activity at the productive and organizational level. It perspectives high quality standards in which SISMA supports all its philosophy and it will integrate customer and supplier processes, thus making iterations more flexible.

It is noteworthy the structuring role of SISMA in the region where it is installed and in which it continually invests, through the creation of wealth and the dragging effect that its innovation policy has on the surrounding business fabric. The continuous creation of employment and qualified employment, as well as by the continuous investment in the training of its employees also promotes this effect. Achieving this project will result in the creation of 10 jobs, of which 6 highly qualified, which will positively contribute to reduce unemployment and improving skills and competences in the region.