

Cofinanciado por:



UNIÃO EUROPEIA
Fundo Europeu
de Desenvolvimento Regional

SF MOLDES S.A. – Project SI Productive Innovation

Project i-4.0-XLiM – Innovation 4.0 for a next generation of Large-size and Intelligent Moulds

EXECUTIVE SUMMARY

i4.0-XLiM project consists on a strategic investment which will enable SF Moldes, S.A. to have a new manufacturing infrastructure, new methods, technological means and materials for the production of a new generation of intelligent molds and also complex, value added and large scale molds with a view to increasing its competitiveness by offering new and differentiated products and widening its value chain.

To this end, given the physical limitations of the company's current facilities, the project contemplates the "creation of a new facility", as well as investments mainly focused on technological innovation at product and process level, including the adoption of Optisize patented methodology and the digital transformation connected with the Industry 4.0 paradigm.

Thus, the project is expected to promote the achievement of the following positive impacts on the company:

- Training and empowerment for the efficient manufacture of new and evolved large moulding tools;
- Increased flexibility, capacity and speed to respond to market demands;
- Increased company turnover and exports;
- Increased energy efficiency of the moulding tool manufacturing process by optimizing the rationalization of energy resources.