

## PAC- Portugal AutoCluster for the Future



UNIÃO EUROPEIA

Fundo Europeu  
de Desenvolvimento Regional

Project title: PAC- Portugal AutoCluster for the Future (n° 46085)

Project number: POCI-01-0247-FEDER-046095

Summary: PAC – Portugal Autocluster for the Future (PAC) Project is a mobilizing project led by Simoldes – Plastics, S.A and closely aligned with “Mobinov Cluster – Portuguese Automotive Cluster’s action plan. Through a set of 6 PPS, it aims to develop, test, and demonstrate a new generation of technologies, processes, and products, leveraging the competitiveness level of the entities operating within the automotive sector in Portugal and their position in a worldwide context. The technologies to be developed a focus on the areas of future vehicles architectures, interiors of the future, structures and exteriors of the future, connectivity and sensor technologies, and flexible and digital production technologies. This mobilizing project was structured with a duration of 36 months. It has a consortium consisting of 12 non-profit organizations and 9 business entities endowed with scientific and technological skills capable of achieving the proposed goals, accomplishing a multisectoral and multiregional dimension and impact.

Intervention region: North; Centre; Lisbon; Alentejo;

Promotors: SIMOLDES, CONTROLAR, CRITICAL MANUFACTURING, ERT, MICROPLASTICOS, SAKTHI, SLM, TMG, TOOLPRESSE, CCG, CEIIA, CeNTI, CITEVE, INEGI, INESC TEC, IPN, IPL, ISQ, IST, MOBINOV e UNIVERSIDADE DE AVEIRO

Approval date: July de 2020

Start date: June de 2020

End date: June de 2023

Total eligible cost: 7.998 173,97 €

Financial Support of European Union: 5.294.145,90 €

Main Goals:

PPS1 – New vehicle ‘architectures of the future: Develop, test and demonstrate new concepts and new ways of products development and validation, taking into account the connected, electric and autonomous car trends.

PPS2 – Interiors of the future: Develop, test and demonstrate new materials and new processes in nuclear areas of the national automotive cluster, following the trend of third living space.

PPS3 – Structures and exteriors of the future: Develop, test and demonstrate new materials and new processes in nuclear areas of the national automotive cluster, specifically as structures.

PPS4 – Sensing and connectivity technologies: Empowering the industry for new skills in connectivity and sensing's area.

PPS5 – Flexible and digital production technologies: Develop, test and demonstrate new technologies, methodologies and processes for the digital transformation of the national automotive cluster, in the context of industry 4.0.

PPS6 – Management, coordination and dissemination: Ensure PAC Project's management and coordination, namely in terms of technical-scientific, administrative and financial management, as well as wide demonstration of results.