

INNOSURF: Innovative Surfaces

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ABSTRACT

The INNOSURF project is promoted by the company Euroresinas, involving as co-promoters, belonging to the Scientific-Technological System, the Faculdade de Engenharia da Universidade do Porto, Instituto Politécnico de Viseu and Associação Rede de Competência e Polímeros. The project aims to confer innovative properties to surfaces produced by the company (impregnated paper or wood-based panels), as well as to ensure the creation of more competitive positions in the national and international markets. The project has four main goals: (a) to improve to impregnated paper the flexibility to manufacture low-pressure decorative laminates (post-forming); b) to improve moisture resistance and repellence to wood-based panels; c) to improve anti-fingerprint properties to high-pressure high-gloss surfaces; d) to develop NIR methods for the characterization of impregnated paper.

The project is based on a strong interaction between all partners in all stages of implementation, taking advantage of both the individual competencies and the synergies generated by the joint work already demonstrated in previous projects. It is intended that the project culminates with an industrial reactor production of the new formulations, the application by final customers in the production of wood-based panels and high and low-pressure laminates.

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