



# Bruno Pereira da Silva

## Project Director

PIEP Innovation Polymer Engineering

<http://www.piep.pt>

## Bilateral Meetings

- 09-00 am - 12.00 am
- 14.00 pm - 17.00 pm

## Description

PIEP is a non-profit Research and Development Organization based at the University of Minho. With its main core competencies on advanced polymeric systems and composites, and supported by highly qualified engineering and scientific staff, PIEP is actively engaged in the successful development of innovative products and manufacturing technologies for the industry.

## KEY COMPETENCES:

- **MATERIALS:** Development, formulation optimization and compounding materials; Bioplastics; Thermosetting and thermoplastic composites; Conductive polymers; Special applications; Recycling and recovery of waste in plastics.
- **PROCESSING TECHNOLOGIES:** Composites (Vacuum Infusion, RTM, Prepreg OOA); Injection Moulding; Extrusion; Finishing techniques and surface modification.
- **PRODUCT ENGINEERING:** Concept development; Advanced computational modelling and simulation; Process modelling and optimization; Conceptualization of production tools.
- **TESTING AND CHARACTERIZATION:** Mechanical, structural, chemical, rheological and thermal, of materials and components.