



INTELLIGENT PIPE FACTORY OF THE FUTURE

PROJECT ACHIEVMENTS

- Two proposals for the automation of assembly kit preparation, followed by an analysis project to integrate a Parallel Cable Robot (PCR).
- A demonstrator including a cobot arm offering a 1st building block for assistance in the pipe cladding stage.
- A digital demonstrator for the virtual factory and the development of a production supervision system

PACE PROJECT | 2019 - 2022

Pipe smart factory of the future

The aim of the PACE project was to propose changes to an existing pipe manufacturing process, by working on building blocks concerning automation, simulation and intelligent supervision.



3 YRS



1 625K€



TECHNICAL AND ECONOMIC IMPACTS

- Introduction of new technologies in the case of an existing pipe manufacturing plant
- Evaluation of the savings resulting from implementation of these new technologies

APPLICATIONS & INDUSTRIAL PERSPECTIVES

The technological building blocks developed in the PACE project have demonstrated the support that cobot assistance and supervisory technology would provide on the factory.

Discussions are continuing with NAVAL GROUP to evaluate, firstly, the possibilities of application to other factories within the group and, secondly, possible roll-out..