



Open Innovation Platform for Optimising Production Systems by Combining Product Development, Virtual Engineering Workflows and Production Data.

The PIONEER Project Took Off!

1st Press Release – April 2023

OUR PROJECT TOOK OFF

It is with great excitement that we announce the successful kick-off meeting of this new Horizon Europe Project. PIONEER's General Assembly meeting was held on the 17th-18th of January at the premises of AIMEN in Vigo, Spain, marking the beginning of this new venture.



Figure 1: General Assembly Meeting

During the general assembly, we got the chance to meet one another and engage in an extensive and fruitful discussion regarding PIONEER's scope and objectives, milestones, as well as the role and responsibilities of the consortium members. This meeting was a collaborative effort, with all members contributing their insights and ideas to maximise the project's success.

In a nutshell, PIONEER aims to develop and implement an interoperable **Materials-Modelling-Manufacturing** Ecosystem, enabling multidirectional dataflow throughout the material value chain by connecting the production's various stages. Combining a design-by-simulation approach with manufacturing and quality data, PIONEER will optimise product development strategies in high-mix/low-volume production schemes.

“Our main general aim is to contribute to a new paradigm in the manufacturing sector, providing solutions for a more flexible, able to react in short-term to changes and efficient production”, added the coordinator of the project, Daniel Gesto. “We are looking forward to exciting developments in the future months”.

ABOUT THE PROJECT

Project Title: Open Innovation Platform for Optimising Production Systems by Combining Product Development, Virtual Engineering Workflows and Production Data.

Project ID: 101091449 | **Start Date:** 01/01/2023 | **Project Duration:** 36 Months

Project Partners:



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