

metaFacturing

Data and metadata for advanced digitalization of manufacturing industrial lines.



NEWSLETTER #1

JANUARY 2024

ABOUT

General Overview of the metaFacturing Project

MetaFacturing focuses on a digitized toolchain for metal part production which will lead to a more resilient production process with respect to the raw materials used (e.g., recycled materials), reduces operator effort and cost, and reduces scrap due to out-of-specification parts.

READ MORE





Objectives of the

OBJECTIVES

metaFacturing Project

process setup and control framework, MetaFacturing focuses on the creation of a digitized toolchain for metal part production. This will allow to obtain a more resilient production process with respect to the raw materials used (e.g., recycled materials).

With the vision to create a widely-applicable DT based

READ MORE

The Demonstrators of

DEMONSTRATORS

the metaFacturing Project

demonstrators, selected for the wide application of these processes in the manufacturing sector the high potential for replication/adaptation and the potential impact envisaged for their application and scale up at industrial level. **READ MORE**

Central in the project will be the development of two





the metaFacturing Project

PARTNERS

The Partners of

MetaFacturing project brings together six market leaders (FRONIUS, NEMAK, FILL, VITRONIC, BENTELER and LTH) that closely cooperate in order to reach a new

maintaining their respective market dominance. **READ MORE**

level of leadership in sustainable manufacturing while

With the objective of achieve a higher level of impact beyond project level, metaFacturing project is

PROJECTS SYNERGIES

collaborating with other R&D projects on digitalisation of Industrial Systems and Lines: PIONEER & DIMAT. We believe that these joint will boost awareness

of the metaFacturing Project

Sister Projects Synergies

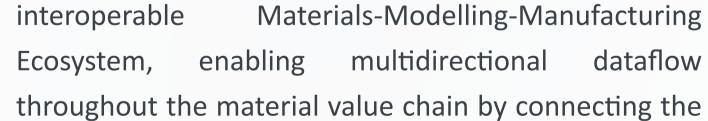
regarding the outcomes of the projects and promote technology transfer across relevant stakeholders! Get to know them:

PIONEER: This Horizon Europe project took off last

January. PIONEER aims to develop and implement an

multidirectional

dataflow



production's Combining various stages. design-by-simulation approach with manufacturing and quality data, PIONEER will optimise product development strategies in high-mix/low-volume production schemes. Pioneer





quality, sustainability, effectiveness, and

DIMAT

competitiveness of materials.

metaFacturing Newsfeed

OUR NEWS

Get to know more about the latest developments about the project!





