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THE PROJECT

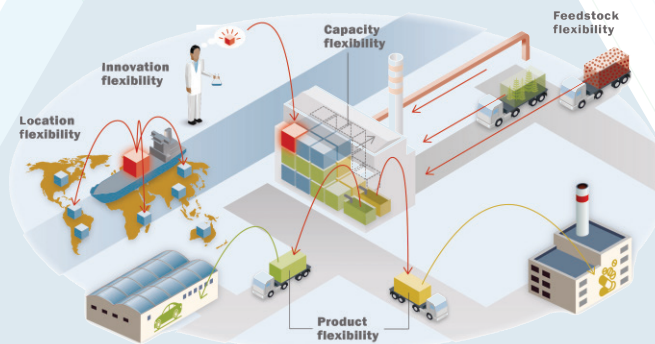
The INSPIRE project brings together the process industry and discrete manufacturing to support in understanding how these two industries can cooperate in order to shape new customer-driven, efficient and sustainable business models by:

- ▲ Developing new innovative business models for more flexible and sustainable manufacturing value chains
- ▲ Providing at the same time a guideline to measure the performance of this novel models under different scenarios.
- ▲ Developing new business model types that currently do not exist and for which further investigation with stakeholders in the European arena is required.

OBJECTIVES

INSPIRE analyses how business models in the process industry may change in the upcoming decennia, as a result of several trends:

- ▲ Technological innovations (such as process intensification, 3D printing, biotech etc.)
- ▲ Increased customer orientation of the process industry
- ▲ Need to increase resource efficiency through recycling and industrial symbiosis



IMPACT

The INSPIRE project contributes to the creation of flexible networks based on intensified processing enabling more local production in Europe and reverse delocalization trends. This is possible thanks to:

- ▲ A clear identification of research and business needs (including SMEs)
- ▲ The deployment of routes (roadmap) and guidelines targeting to measure and assess the performance of such novel models under different possible scenarios

Specific case

Specific flexibility profile and potential

Specific Business and technology solution

Flexibility Profile

Business model archetypes and technology

Economic and Environmental effects of the solution