

Agile and modular cyber-physical technologies supported by data-driven digital tools to reinforce manufacturing resilience



The project aims to boost manufacturing plants' transformation towards industry 5.0, reinforcing their resilience under unexpected changes in social needs. It is done through self-reconfigurable mobile collaborative robots embedded with IIOT devices for real-time monitorisation and interconnectivity.

**Duration**  
48 Months

**Work plan**  
7 WPs

**Budget**  
€ 5.999.206,25

The collaborative robots will be tested in two relevant environments, belonging to sectors needing more flexibility as a consequence of greater fluctuations:



agri-food



pharmaceutical



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