



**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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