

What is 5R?:

Collaborative Spanish network of Research Centers equipped with the necessary technology, tools and infrastructures, to act as a driving force for the development and introduction of new robotic technologies in the manufacturing industry

What are our objectives?:

- O1: Scientific and technical strengthening of the participants in the development and application of robotic technologies for smart manufacturing.
- O2 Promote the introduction of new paradigms of flexible and collaborative robotics supported by artificial intelligence in the manufacturing sector.
- O3 Boosting technology transfer and accelerating technological innovation

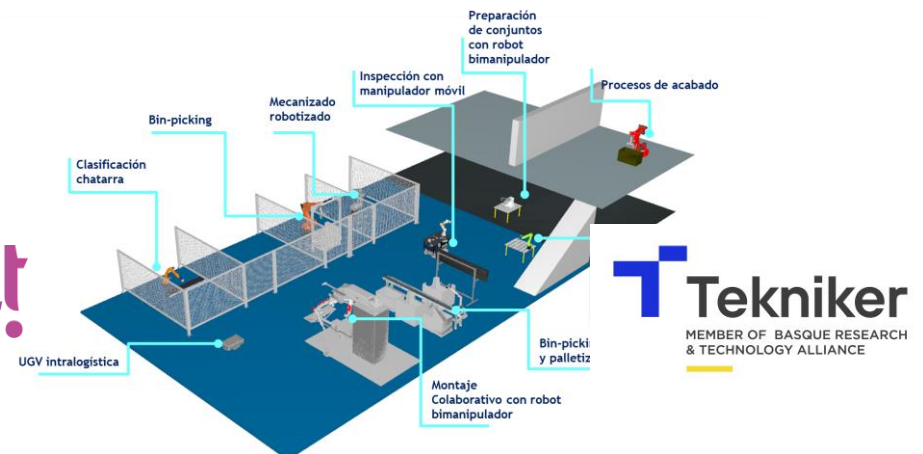
What do we offer to TEF?:

The 5R network is based on the development of five pilot factories in which demonstrators for different industrial applications are deployed.

Pilot factory for collaborative manufacturing, assembly and inspection



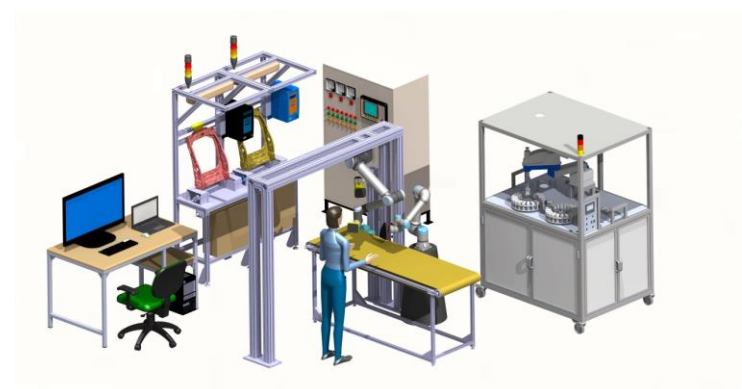
Pilot factory for parts handling in Industry 4.0



Pilot factory for large parts manufacturing



Pilot factory for flexible materials operations



Pilot factory for interactive monitoring and cognitive support of manual processes



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