

Pilot Use Cases

The devices will be tested at different companies to cover various market sectors:

Royo Group

Is a multinational company specialized in the creation of bathroom furniture.

In **HuMan**, they lead the use of furniture, automating and facilitating human - machine interaction to increase production, and at the same time, improve the quality of life of workers.

royogroup.com

Airbus

Is leading the use case of the aerospace sector.

This is intended to satisfy the high level of customization required by workers to adapt to different instructions, and to safety.

airbusgroup.com

Comau

Comau is a global company specialized in robotics and industrial automation systems and solutions. Its use case focuses on the well-being of workers, as well as simplifying and personalizing the access and worker contribution to instructions and details on the tasks to be performed.

comau.com

The HuMan Consortium



humanmanufacturing.eu

Contacts

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HuMan

Human Manufacturing Workplace

The **HuMan** project, with **12 partners** from **6 European countries**, aims to define and demonstrate workplaces where automation and human workers operate in harmony to improve the productivity, quality, and **performance** of the factory, as well as worker **satisfaction** and safety.

Total project duration is **36 months** and main deliverables are:

1 Wearable device including:

- Exoskeleton
- Wearable Sensory Apparatus

2 Technologies to:

- Train Operator
- Generate Suggestions to Improve Operator's Efficiency
- Easily Re-plan the Activities

HuMan

Technologies

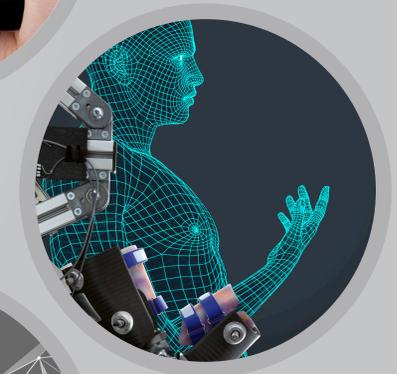
The purpose of **HuMan project** is to create a healthy workplace to **support workers' capabilities** so to increase the competitiveness of the manufacturing firms through the creation of an optimal environment for human automation integration and cooperation.

In **HuMan** the **innovative component** is supporting operators in their tasks by providing them with relevant equipment that is contextually triggered by the **HuMan** intervention system.



Augmented Reality

ExoSkeleton



Virtual Reality