



HuMan

HUman MANufacturing

Creating human-centered workplaces to support worker's capabilities



Research and Innovation Action (RIA)

H2020-FOF-04-2016 – Continuous adaptation of work environments with changing levels of automation in evolving production systems.

Start: 01/10/2016 - Duration 36 months.

Total cost: € 4,533,042.50 - EU contribution: € 3,991,354.95

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HuManufacturing



humanmanufacturing.eu

HuMan Manufacturing

The HuMan project, with 13 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.



Pilots

Royo

ROYO is a multinational company specialized in the creation of bathroom furniture. In HuMan, they lead the furniture use case, automating and facilitating Human – Machine interaction to increase production, and at the same time, improving the workers quality of life.

royogroup.com

Airbus

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.

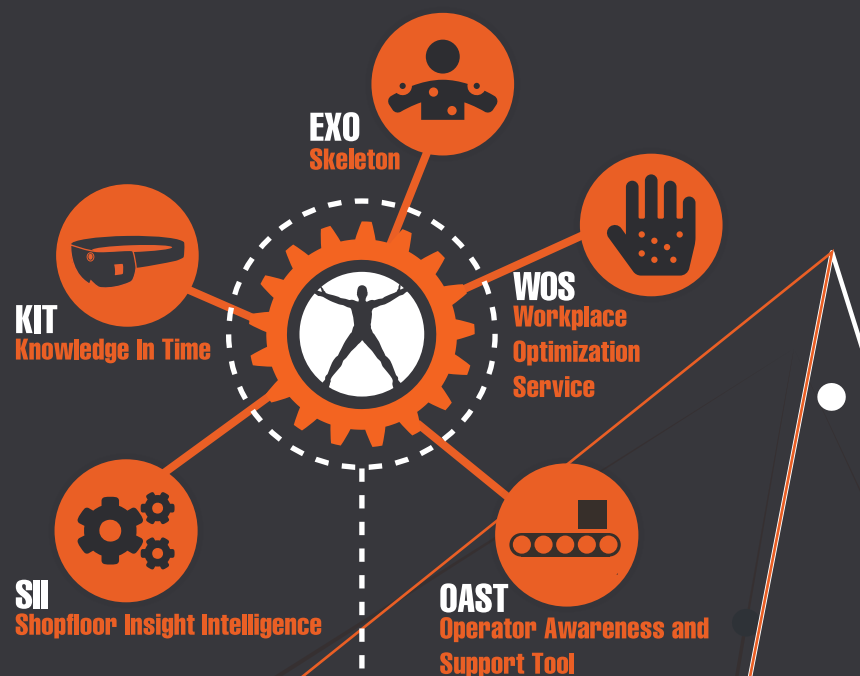
comau.com

HuMan Technologies

The purpose of the **HuMan project** is to create **human-centered workplaces** to support workers' capabilities in order to increase the competitiveness of the manufacturing companies through the creation of an optimal environment for human automation integration and cooperation.

In the different use cases of **HuMan**, the shopfloor and the workers are monitored using innovative IoT technologies. When physical or mental stress is detected, new tools and technologies are offered to the operators, creating a direct support during tasks which is activated and modulated by the **HuMan intervention system**.

HuMan Services



HuMan Intervention System

