

EU Brokerage Event

on Industrial KET* in Horizon Europe

11th May 2021 • online

**Conference &
Bilateral/B2B Meetings**

**Calls
2021 - 2022**

**Project idea/ Field of
expertise:**

Reconfigurable and modular solution for
smart manufacturing/ Artificial Intelligent

Organisation Name:

AITIIP Research Center

Addressed topic(s):

HORIZON-CL4-2021-TWIN-TRANSITION-
01-01: AI enhanced robotics systems for
smart manufacturing



1995

AITIIP **started** as a **non-profit foundation** with the aim of supporting the **automotive sector** to unleash its potential to create sustainable growth and diversify into other sectors.

TODAY

We provide circular technologies, sustainable products and training services to **any key actor of the plastic value chain**, fostering the smart digitalization and the circular biobased models for a resilient and inclusive European Society.

THANKS TO A CONTINUOUS EVOLUTION

2001

Reference in high accurate manufacturing and advanced materials (services at industrial level)

2003

Transformation in a Multi-sectorial Technology Center (100% private)

2006

Coordination of the first EU projects (MEGAROB // DIBBIOPACK)

2012

Cutting-edge demonstration facilities (12,000 m² at Industrial level)

2020

.... TO FACE THE NEEDS OF THE PLASTIC KEY ACTORS.

AITIIP Innovation Hub, a new building business incubator with 4,500 m² to house innovations in bio-economy, circularity, advance composites and Industry 4.0



Our project idea / expertise

Our project proposed a **multi-agent modular** solution for **smart manufacturing** in collaborative human-machine scenarios based on **robotics systems reinforced by AI**, implementation of multi-sensor robot control approaches.

We are **looking for**:

- Use cases for collaborative **human-machine tasks** including harmful situations, knowledge transfer, heavy duty pieces handling...
- Connections with existing European platforms and networks on AI and robotics (AI4EU, GAIA-X, DAIRO, EFFRA,...)

Contact details

Contact person

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