

French Coordinator of the Horizon Europe project is looking for manufacturing companies, plants, factories and production sites all over the Europe

Summary

Profile type

Research & Development Request France

Company's country

POD reference

RDRFR20250704020

Profile status

PUBLISHED

Type of partnership

Research and development cooperation agreement

Targeted countries

- Cyprus
- France
- Croatia
- Belgium
- Denmark
- Greece
- Malta
- Sweden
- United Kingdom
- Luxembourg
- Portugal
- Switzerland
- Slovakia
- Czechia
- Romania
- Slovenia
- Poland
- Netherlands
- Hungary
- Finland
- Germany

- Austria
- Italy
- Lithuania
- Ireland
- Estonia
- Latvia
- Bulgaria

Contact Person

[Enrico FRANZIN](#)

Term of validity

4 Jul 2025

4 Jul 2026

Last update

4 Jul 2025

General Information

Short summary

French University acting as a Coordinator is looking for manufacturing SMEs and big companies, plants, factories, production units all over the Europe to join the Horizon Europe Call.

The Project aims to codesign and codevelop a workstation 5.0 integrating sustainability and new technologies to help the production manufacturing operators in their work and decision making. This will allow to decrease gender or age inequity and will contribute to increase the “product in Europe” expectations.

Full description

The PISTE project is intended to design, create and develop a sustainable, standardized and secure intelligent system for advanced human-robot collaboration on an industrial workstation, responding to the contributions of new technologies at the service of the operator at his workstation to increase his well-being and ensure the efficiency of his work. It fits perfectly into the framework of European production by adapting the workplace to the aging of the European population and the feminization of the realization of industrial operations. This workstation will be composed of physical and virtual parts to increase the operator efficiency and well-being at work.

Advantages and innovations

Sustainability and Digitalisation. Sustainability (ergonomics, well-being, ethics, acceptance of new technologies, environmental impact, etc.)
Industry 5.0 (AI, digital twin, advanced robotics, human robot interaction, computer vision, IoTs, Augmented realities, etc.)

Technical specification or expertise sought

Manufacturing companies, manufacturing plants and factories, production sites operating in Europe

Stage of development

Under development

Sustainable Development goals

- **Goal 5: Gender Equality**
- **Goal 8: Decent Work and Economic Growth**
- **Goal 11: Sustainable Cities and Communities**
- **Goal 3: Good Health and Well-being**

IPR Status

IPR granted

IPR Notes

Partner Sought

Expected role of the partner

Manufacturing companies (SMEs and big companies), plants and factories.

- Field of expertise/experience:

Different manufacturing activity sectors are expected (aeronautics, automotive, robotics, etc.). The company has to be interested by implementing new technologies such as robot, IoTs, human robot collaboration in its manufacturing processes (digital transformation)

Tasks to be performed by the partner sought:

Examples of the partner contribution to the project:

- Participation in the codesign, the modeling and the development phases through the integration of operators (stakeholders) in the product and tool development

- Definition of a use case corresponding to the sustainable digital transformation of the company
- Participation in quantitative and qualitative studies on gender and age equity in production manufacturing
- Participation in the test and validation of the prototype in laboratory
- Test in the company of the prototype to solve the company use case

Type of partnership

Research and development cooperation agreement

Type and size of the partner

- **SME <=10**
- **SME 50 - 249**
- **SME 11-49**
- **Big company**

Call Details

Framework program

Horizon Europe

Call title and identifier

HORIZON-CL4-INDUSTRY-2025-01-TWIN-TRANSITION-02: Physical and cognitive augmentation in advanced manufacturing (Made in Europe Partnership) (RIA)

Submission and evaluation scheme

Anticipated project budget

Coordinator required

No

Deadline for EoI

14 Aug 2025

Deadline of the call

30 Sep 2025

Project duration in weeks

Web link to the call

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/to-pic-details/HORIZON-CL4-INDUSTRY-2025-01-TWIN-TRANSITION-02?order=DESC&pageNumber=1&pageSize=50&sortBy=startDate&keywords=HORIZON-CL4-2025-01&isExactMatch=true&status=310>

Project title and acronym

PISTE

Dissemination

Technology keywords

- **02011001 - Aeronautical technology / Avionics**
- **02001 - Design and Modelling / Prototypes**
- **02004 - Plant Design and Maintenance**

Market keywords

- **09004008 - Other manufacturing (not elsewhere classified)**
- **06010003 - Energy for Industry**
- **02007014 - Other industry specific software**
- **02007011 - Manufacturing/industrial software**

Targeted countries

- Cyprus
- France
- Croatia
- Belgium
- Denmark
- Greece
- Malta
- Sweden
- United Kingdom
- Luxembourg
- Portugal
- Switzerland
- Slovakia
- Czechia
- Romania
- Slovenia
- Poland
- Netherlands
- Hungary
- Finland
- Germany
- Austria
- Italy
- Lithuania
- Ireland
- Estonia
- Latvia
- Bulgaria

Sector groups involved