

New Approaches for Human/AI Collaboration for the Workforce of the Future – Horizon Europe RIA seeking project coordinator (HORIZON-CL4-2027-02-DIGITAL-EMERGING-52)

Summary

Profile type

Research & Development Request Slovakia

Company's country

POD reference

RDRSK20260525013

Profile status

PUBLISHED

Type of partnership

Research and development cooperation agreement

Targeted countries

• All countries

Contact Person

[Enrico FRANZIN](#)

Term of validity

**25 May 2026
25 May 2027**

Last update

26 May 2026

General Information

Short summary

Horizon Europe RIA (100% EU funded, ~€4–6M) addressing redesign of work as AI reshapes European industry. Research into human-AI collaboration models keeping humans central, building on Clawdite HDT platform (SUPSI/SPSLab). TRL 4–6. Pilot sites in CH, SK, CZ, SE. Open call for consortium partners and coordinator.

Full description

Slovakian Small Business coordinates consortium membership for a Horizon Europe RIA under Made in Europe & ADRA Partnerships. The project extends the Clawdite Human Digital Twin platform (SUPSI SPSLab) to create validated frameworks for human-AI collaboration in manufacturing. Confirmed partners: SUPSI (CH), Slovak University of Technology (SK), CIIRC (CZ), RISE Sweden (SE), plus affiliated industry SMEs. Seeking a project coordinator with Horizon Europe RIA track record (CL4/manufacturing/AI) and additional partners: OEM/Tier-1 manufacturers, HR-tech SMEs, occupational health specialists, trade unions, and standardisation bodies. Partnership type: Research and development cooperation agreement.

Advantages and innovations

Clawdite HDT (SUPSI SPSLab) is a validated, open-source worker modelling platform already proven in the EU-funded XR5.0 project — providing a high-TRL foundation that de-risks the project. Innovations include: real-time AI-assisted worker monitoring; movement prediction for safe human-robot shared spaces; personalised reskilling pathways; and Explainable AI (XAI) tools compliant with the EU AI Act. Unlike existing automation-first approaches, this framework keeps humans central, combining HDT-based situational awareness with adaptive LLM assistants. Target outcomes: 20% productivity uplift, 15% safety incident reduction, 300 workers modelled, 500 engaged in upskilling. Fully aligned with ADRA SRIA, Made in Europe Partnership, Industry 5.0, and European Skills Agenda.

Technical specification or expertise sought

Seeking: (1) EU-based project coordinator with Horizon Europe RIA track record in CL4/manufacturing/AI; (2) OEM or Tier-1 manufacturers with AI-augmented production lines for pilot sites; (3) HR-technology or workforce analytics SMEs; (4) Occupational health, ergonomics, or psychosocial risk specialists; (5) Trade unions or social partners for participatory co-design; (6) Standardisation bodies (CEN, CENELEC, ISO). Partnership type: Research and development cooperation agreement.

Stage of development

Available for demonstration

IPR Status

IPR applied but not yet granted

IPR Notes

Sustainable Development goals

• Goal 9: Industry, Innovation and Infrastructure

Partner Sought

Expected role of the partner

Seeking: (1) EU-based project coordinator with Horizon Europe RIA track record in CL4/manufacturing/AI; (2) OEM or Tier-1 manufacturers with AI-augmented production lines for pilot sites; (3) HR-technology or workforce analytics SMEs; (4) Occupational health, ergonomics, or psychosocial risk specialists; (5) Trade unions or social partners for participatory co-design; (6) Standardisation bodies (CEN, CENELEC, ISO). Partnership type: Research and development cooperation agreement.

Type of partnership

Type and size of the partner

Research and development cooperation agreement

- SME 11-49
- University
- SME 50 - 249
- R&D Institution

Call Details

Framework program

Horizon Europe

Call title and identifier

HORIZON-CL4-2027-02-DIGITAL-EMERGING-52-two-stage

Submission and evaluation scheme

Anticipated project budget

Coordinator required

Yes

Deadline for EoI

30 Sep 2027

Deadline of the call

22 Sep 2027

Project duration in weeks

Web link to the call

Project title and acronym

Dissemination

Technology keywords

Targeted countries

- **All countries**

Market keywords

- **03008004 - Other electronics related (including alarm systems)**
- **02001007 - Other mini and micro computers**
- **08002007 - Other industrial automation**

Sector groups involved

- **Mobility - Transport - Automotive**

Media

PDF documents

[HumanAI Workforce 2pager .pdf](#)

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