

## PARTNER SEARCH FORM

for

### Digital Europe Programme (DEP)

- I offer my expertise to participate as a Partner in a DEP Project  
 I am planning to coordinate a Project and I am looking for Project Partners

#### TOPICS OF INTEREST

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- TOPIC ID: DIGITAL-2026-DSM-AI-09-DS-MANUFACTUR-STEP
- TOPIC Deadline: 03.03.2026
- Deadline for the expressions of interest: -

#### PARTNER INFORMATION

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▪ **Description of the Legal Entity:**

- Higher Education
- Research Institution
- Public Administration
- Industry / SME
- NGO
- Other:

JOANNEUM RESEARCH DIGITAL is one of Austria's leading applied research institutes, with extensive experience in EU and national projects, industry collaboration, and the transfer of research results into deployable solutions. Our focus is on trustworthy AI, data sovereignty, and resilient cyber-physical production environments.

▪ **Description and expertise of the team:**

Resilient Networked Systems (RNS) is an applied research group at JOANNEUM RESEARCH DIGITAL specializing in AI-driven cybersecurity, resilient IT/OT systems, and secure edge technologies for critical infrastructures and manufacturing. We develop secure edge sensor nodes, automated asset discovery tools, anomaly detection and monitoring systems, digital twins, and serious game-based training solutions.

▪ **Potential role in the project:**

- Technology provider
- Data provider
- Research
- Training
- Dissemination
- Other:

Technology provider and research partner for secure edge data acquisition, digital twins, AI-based monitoring and anomaly detection, and cybersecurity of manufacturing systems. Lead development of trusted edge sensor platforms, AI-ready datasets, and resilience use cases.

▪ **Other areas of interest for collaboration:**

Edge AI, digital twins, predictive maintenance, cyber-physical security, NIS2 compliance, trustworthy and robust AI, IT/OT monitoring, secure data sharing, and training solutions for industrial resilience.

▪ **Already experience in EU funded projects as a:**

- Coordinator:            YES            NO
- Partner:                YES            NO

▪ **Project experience and track record:**

Extensive experience in EU and national R&D projects on cybersecurity, resilient IT/OT systems, trustworthy AI, and critical infrastructure protection. The team has contributed to and coordinated Horizon Europe and FFG-funded projects, delivering operational tools such as anomaly detection systems, secure edge platforms, digital twins, and training solutions for manufacturing, utilities, and emergency response organizations. List of active projects related to manufacturing and data science is below.

- **Resilmesh** - Situation Aware Enabled Cyber Resilience for Dispersed, Heterogenous Cyber Systems; HORIZON-CL3-2022-CS-01-01, IA; <https://resilmesh.eu/>;
- **STBERNARD** - System for safe Biological Chemical Radiological and Nuclear assessment, rescue and decontamination; HORIZON-CL3-2022-DRS-01-09, IA; <https://stbernard.eu/>
- (Coord.) **SeRWas** – Secure and Resilient Water Management; FFG KIRAS 2023; <https://projekt-serwas.at/>;
- **Champi4.Ons** - Intelligent and Sovereign Use of Data using the Example of Timber Industry; FFG Bilateral research Austria - Germany; <https://www.champi40ns.eu/>;
- **PRESENT** - PREdictions for Science, Engineering N' Technology; FFG IKtDZ Leitprojekt; <https://www.joanneum.at/digital/referenzprojekte/present>.

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