BEIA | Smart & Sustainable Industry

Project Idea	**Technology partner for AI-enabled industrial monitoring, digital integration and energy efficiency**
Organization name, town and country	BEIA | Bucharest, Romania
Addressed topics	HORIZON-CL4-2027-02-MAT-PROD-32-two-stage HORIZON-CL4-2027-01-MAT-PROD-03 HORIZON-CL4-2027-02-DIGITAL-EMERGING-52-two-stage

BEIA

- R&D performing **SME** established in 1991, active in applied R&I and European collaborative innovation.
  - Offices in: Austria, Belgium, Romania www.beia.eu
- **BEIA could potentially contribute in projects with expertise in:**
  - Industrial IoT and smart sensing systems;
  - Data acquisition and monitoring platforms;
  - AI-enabled analytics and decision-support solutions;
  - Edge-to-cloud integration and interoperability;
  - Secure communications;
  - Pilot implementation, testing, and validation activities;
  - Communication, dissemination, and exploitation activities.



- **Relevant EU R&D Experience**
  - ***Over 60 projects (Horizon, Eureka/Eurostars, ERA-Net, etc.)***: *Exploit4InnoMat, DOME, F4iTECH, MULTI-AI, RETEX, PREVENTION, ZERODEFECT4PV, Arrowhead, ISOLDE, etc.*
  - **Expertise gained**: smart manufacturing, advanced materials, industrial IoT, AI, digital twins, predictive maintenance and sustainable production.

Our offer | Digital solutions for Industry 5.0

- BEIA is looking to join Horizon Europe consortia to collaborate with industrial and research partners to develop innovative digital solutions for smarter, more efficient and sustainable manufacturing.

CONNECT	• Integrate sensors, industrial devices and interoperable data flows.
UNDERSTAND	• Build edge/cloud data pipelines, dashboards and AI-enabled analytics.
OPTIMISE	• Support energy monitoring, process optimization and evidence-based decisions

Expected Value: more measurable, connected and resource-efficient industrial operations.

Partnership opportunities

What BEIA brings

- Industrial IoT, instrumentation and data acquisition
- Secure edge-to-cloud integration and interoperability
- Data visualisation, analytics and AI-enabled monitoring
- Energy and sustainability-oriented digital solutions

- **We are looking for**
  - Coordinators forming Cluster 4 Industry 2027 consortia
  - Manufacturers, process industries and pilot demonstrators
  - Universities, RTOs and technology providers

Contact details

Contact person	George Suciu, Ioana Petre
Organisation:	BEIA
Address:	Bucharest, Romania
Phone:	+40744914798
E-mail	george@beia.eu, ioana.petre@beia.ro
B2Match profile	https://www.b2match.com/e/horizon-europe-industry-2027/participants/3713086
LinkedIn/Twitter	https://www.linkedin.com/in/ioana-petre-768079105/

