

Rudolfovo – Science and Technology Centre Novo mesto

Rudolfovo is an applied science institute designed to bridge the gap between academic research and industrial application, with a strong focus on Industry 4.0, advanced manufacturing, and digitalization. The institute operates cutting-edge labs specializing in prototyping, 3D/CT scanning, and high-performance computing to deploy technological solutions directly into manufacturing supply chains.

Rudolfovo is seeking to join proposals for the following specific topics:

- **HORIZON-CL4-2027-04-DIGITAL-EMERGING-11:** EU Frontier AI Initiative
- **HORIZON-CL4-2027-04-DIGITAL-EMERGING-04:** Apply AI Booster
- **HORIZON-CL4-2027-04-DIGITAL-EMERGING-05:** AI-Driven Robotics for Industry (IA)
- **HORIZON-CL4-2027-02-DIGITAL-EMERGING-52-two-stage:** Human/AI collaboration for the workforce
- **HORIZON-RAISE-2027-01-01:** Automated Scientific Discovery (RAISE pilot)
- **HORIZON-CL4-2027-01-MAT-PROD-03:** Factory processes for de- and re-manufacturing
- **HORIZON-CL4-2027-04-DIGITAL-EMERGING-06:** International cooperation in AI

Core Expertise & Competences: The institute can bring direct R&D value to a consortium in the following areas:

- AI & Multi-agent systems
- Robotics & Collaborative robots (Cobots)
- Digital Twins & Industrial Automation
- Human-AI Collaboration
- Circular economy solutions (Life Cycle Assessments for de-/re-manufacturing)

If you are building a consortium for any of these topics or know of a network looking for a partner with this profile, please contact the person listed below. Detailed institutional profiles can be provided upon request.

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Director and Member of the Management Board

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