Technology for the People





GREEN. CREATIVE, SMART,

ROBOFLEX Competence Centre

EU-SLOVENIA

Competence Center ROBOFLEX

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Source: ROBOTOOL-1 Project

























Competence Center ROBOFLEX (CCR)



- Regional competence center for the industrial use of collaborative robots and smart manufacturing applications and systems,
- A non-profit private partnering organization established by the:
 - LENS Living Lab® international virtual living laboratory specialized for digitalization and management of virtual, spatial scattered industry research-innovation communities, operations, and test-beds,
 - ETRA Ltd. specialized for robotic systems integration, industry automatization, and development of industry customized innovative solutions,
 - TCS Toolmakers Cluster of Slovenia (TCS) network of technology advanced manufacturing companies and their development partners,
- One of the EU-wide network of competence centers acting as the heart of digital innovation hubs (DIHs), established in 2017 within partnering research-innovation project HORSE, funded by the EU program HORIZON 2020,
- The heart of regional digital innovation hub **DIGITECH SI-EAST** the network of regional and international innovation partners specialized for digitalization and smart industry applications for the needs of the various industry partners.



















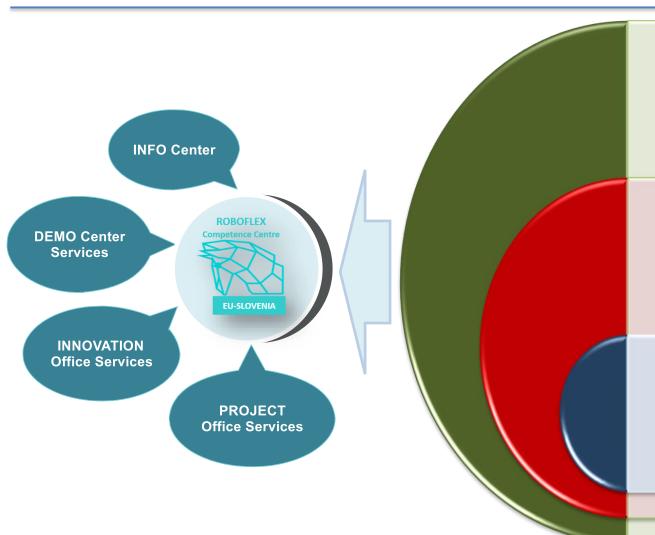




CCR's Products, Services, Systems, and Technologies







COMPETENCIES

products, systems and services

- 1. Training of RiDM and robotic cells operators,
- 2. Smart manufacturing architecture design demo services,
- 3. ICA International Collaboration Academy management of Industry 4.0 research-innovation projects and programs,
- 4. KM FEST International Knowledge Management Festivals
- 5. Management and engineering consulting services

BUSINESS MODELS

products, systems and services

- 1. RiDM flexible hybrid robotized workplaces,
- 2. The architectural design of Smart Factory,
- 3. Management of spatial distributed dynamic operation units
- 4. VOIS virtual open innovation systems,
- 5. Virtual collaboration platforms,
- 6. Management of Smart Manufacturing partnering research-innovation projects, programs, and portfolios

TECHNOLOGIES

technologies, systems, services

- Collaborative robots' demonstration, integration, robotic cells design, industry applications, and systems,
- 2. Automation and digitalization of industrial processes,
- 3. VMS virtual management systems and industrial applications,
- 4. IoT, CPS, CCS, BD, AR, AGV, AI



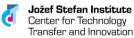






















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Targeted Sectors:

- Manufacturing (automotive, aerospace, toolmaking, machine industry, maintenance, logistics),
- ICT

Targeted Markets:

EU countries

Key Words:

- Collaborative robots,
- Flexible digitalized workplaces,
- Smart manufacturing,
- Virtual innovation platforms,
- International network of innovation partners

























CCR Contacts



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