

CLUSTERIX 2.0

Interreg Europe



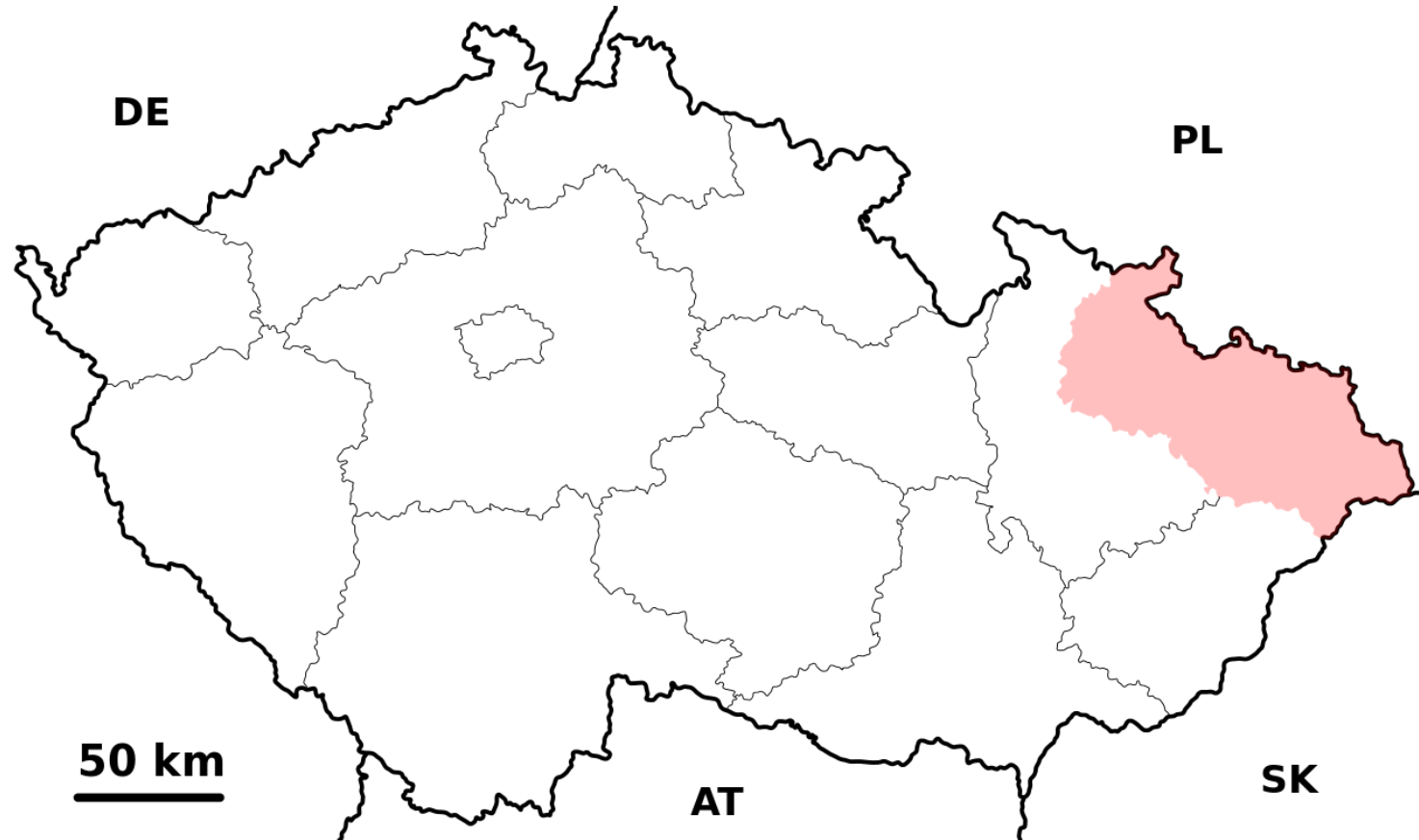
European Union
European Regional
Development Fund

Smart accelerator

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Moravian-Silesian Region



Moravian-Silesian Region



Population: 1 212 213



GDP: 15 259 000 EUR



Area: 5 427 km²

ECONOMIC SUBJECTS BY SECTOR PERCENTAGE (SALES, 2014):

71%

INDUSTRY

21%

SERVICES

6%

CONSTRUCTION

2%

AGRICULTURE

Key sectors

- Engineering and Metallurgy



- Automotive



Key sectors

- IT and electrotechnics



- Energy



- Biotechnology and Biomedicine



4Medical Innovations
biotech park Ostrava



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Universities and research institutes

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- VŠB – Technical University of Ostrava
 - University of Ostrava
 - Silesian University in Opava
 - University hospital in Ostrava
 - Institute of Geonics, Czech Republic Academy of Sciences
 - Material and Metallurgical Research
 - IT4Innovation National Supercomputing Center

Clusters

- Czech Machinery Cluster
- National Energy Cluster
- Moravian-Silesian Automotive Cluster
- Envicrack (cluster of alternative energy)
- IT cluster
- Safety and Security Technologies Cluster
- Additive Manufacturing Cluster
- Mopharmac – Moravian Pharma Cluster
- National Wood Cluster

Business incubators/hubs

- Business Innovation Centre in Ostrava
- Innovation Support Centre - Business and Entrepreneurship Support
- Steel-it Business Incubator
- Ostrava Science and Technology Park
- Impact Hub Ostrava

Regional Development Agency Ostrava

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- A photograph of four people (three women and one man) sitting around a table in a meeting. They are looking at laptops and documents. The man is on the left, wearing a suit and tie. The woman next to him is wearing a white shirt and a brown vest. The woman next to her is wearing a pink blazer. The woman on the far right is wearing a white sleeveless top. There are colorful mugs and papers on the table.
- Established in 1993, nowadays 100 % owned by regional government
 - 2 main pillars of activities:
 - Research, development and innovation
 - Foreign and domestic direct investments
 - Our clients: regional government, municipalities, companies, universities, research institutes, clusters, business incubators

Regional Innovation Strategy (RIS3 MSR)

- Started since 2010 (RIS MSR)
- Update to RIS3 MSR (2013-2014)
- Ex-ante conditionality (SF EU for R&D 2014-2020)
- Regional Development Agency Ostrava (RDAO) as Executive Body for implementation of RIS3 MSR
- Enclosure to National RIS3

RIS3 MSR

Horizontal priorities

A – Technology Transfer

- A1 - transfer and commercialization of R&D results
- A2 – Contract and collaborative research in ROs
- A3 – start-ups/spin-offs
- A4 – interdisciplinary research
- A5 - R&D investments

B – Human Resources

- B1 – General R&D education
- B2 – Specific R&D education
- B3 – researchers mobilities
- B4 – technical and life science education

C – Internationalization

- C1 – participation in international R&D projects
- C2 – technological and market trends
- C3 – export of innovative SMEs

RIS3 MSR

Vertical priorities

1. Advanced materials
 2. Industrial automation
 3. Mechatronic applications
 4. Regenerative medicine, genomics, bioinformatics
 5. Waste processing technologies
 6. Intelligent energy solutions
 7. Integrated safety systems
 8. Supercomputing methods
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Institutional background

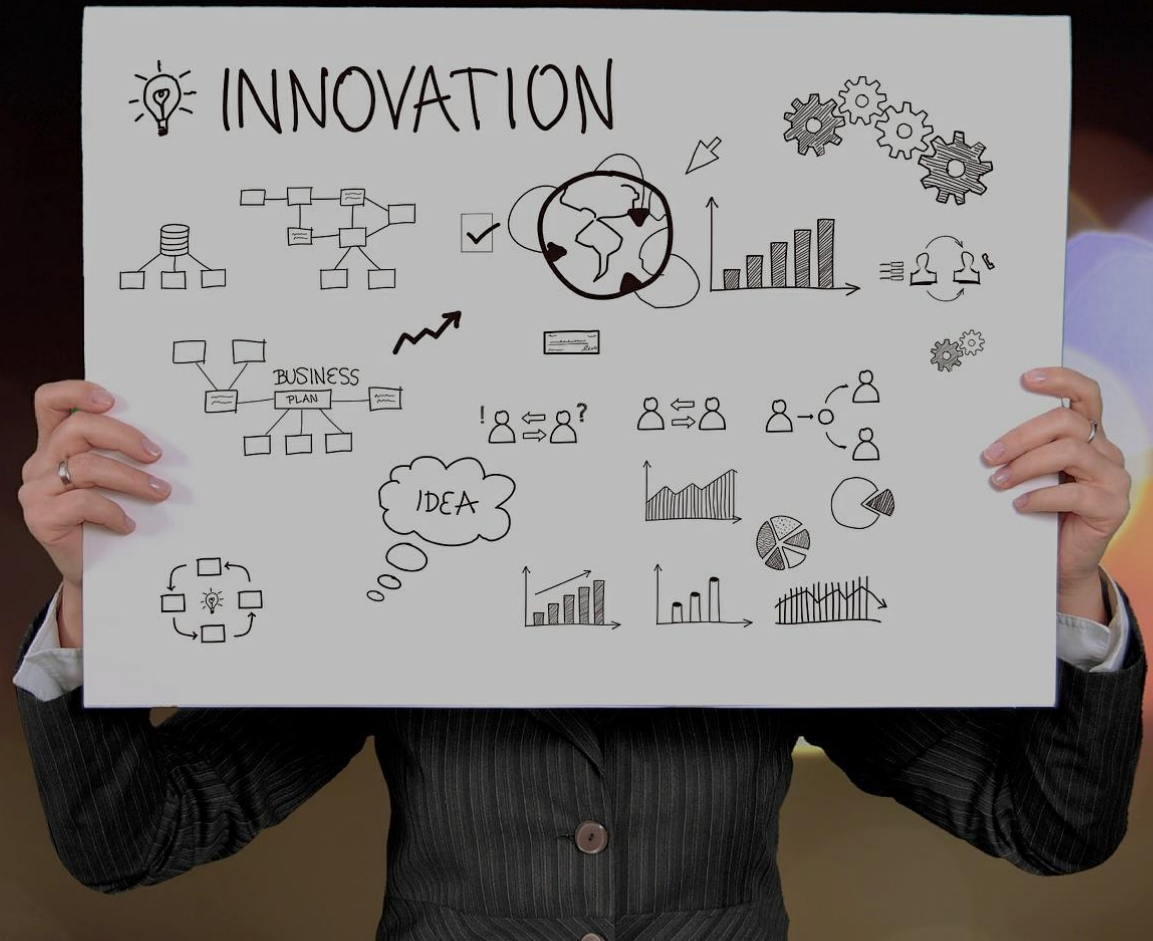
- Regional Innovation Council
- RDAO (RIS3 MSR Executive Body)
- Innovation platforms
 - Advanced materials
 - Modern steering systems for production, testing and safety
 - Modern energetics and waste processing
 - Regenerative medicine, genomics, bioinformatics
 - KlastrNet
 - Start-ups
- Action plans
- Monitoring and evaluation

Smart accelerator

- Project duration: April 2016 - March 2019
 - Project budget: approx 2 mil. EUR
 - 85% grant - Operational program Research, development and education (EU funds)
 - 15% cofinancing by beneficiary - Moravian-Silesian Region
 - Beneficiary: Moravian-Silesian Region
 - Partner of the project: Regional Development Agency Ostrava - Executive Body
 - Project sustainability: 3 years (March 2022)
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Scope of activities

- Project management
- Core team
- Education
- Mapping
- Assistance
- Twinning
- Pilot testing
- Promotion



Core team

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- members: S3 manager, S3 developer, S3 assistant, S3 financial manager, S3 marketing manager, S3 on-line marketer, S3 analyst, S3 coordinator in regional government
 - organization of Regional Innovation Council meetings
 - organization of regional innovation platform meetings
 - initiation and preparation of strategic projects for fulfillment RIS3 MSR
 - administration of two-year action plans of RIS3 strategy
 - elaboration of annual reports about execution of action plans
 - reporting to national level

Education

- RIS3 team members and regional innovation stakeholders (companies, universities, research institutions, cluster organizations, regional government, business incubators)
- education in the field of specific professional competences (technology transfer, innovation management, technology foresight, marketing innovations, etc.)
- education in soft skills (presentation skills, mind mapping, etc.)

Mapping

- evaluation of fulfillment of RIS3 objectives
- evaluation of regional financial tools for support of innovation
- terrain surveys in the field of innovation activities of companies and research institutions
- elaboration of studies and analyses (technology trends, value chains, etc.)



Assistance

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- financial support for preparation of RIS3 strategic projects with significant impact on regional innovation ecosystem
 - the strategic projects are supposed to be supported by „voucher“ in value of 18 520 EUR, to eligible expenses belong for example the filling in application form, elaboration of feasibility study, CBA analysis, design documentation

Promotion

- promotion of RIS3 itself and the issue of research, development, innovations and entrepreneurship in general sense
- elaboration of RIS3 marketing strategy 2016-2019 (definition of target groups, promotion issues, tools, etc.)

Twinning

- exchanges of experience among RIS3 executive bodies and foreign regional development/innovation agencies and other institutions
- staff exchanges, study visits
- identification of suitable innovation tools
- elaboration of design option papers for utilization of foreign tools in Moravian-Silesian Region (staff exchanges)



Pilot testing

- verification of usefulness of new innovation tools (implementation of innovation tool for one year in limited extent, then assessment and decision if to implement in full extent or not)



RIS3 MSR Activities

(implemented)

- Grant programmes (regional government): innovation vouchers, jobs in R&D in companies, support of R&D projects, support of project documentation - assistance programme
- Innovation platforms
- Terrain surveys, mapping studies
- Training workshops (innovation management, technology trends, marketing innovations)
- Brokerage Events (2016 – regenerative medicine and bioinformatics)

RIS3 MSR Activities

(implemented)

- Cooperation workshops (LCM/ACCM/Recendt Linz, Fraunhofer Freiburg, Hyundai Rüsselsheim), twinnings
- Promotion of MSR innovation system/RIS3 MSR (www.rismsk.cz)
- Innovative company of MSR Award
- StartUp Harvest

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Thank you!

Questions welcome



Project smedia