

smartEIZ

SmartEIZ – Building capacity for scientific and technical excellence in S3

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„Strengthening scientific and research capacity of the Institute of Economics, Zagreb as a cornerstone for Croatian socioeconomic growth through the implementation of Smart specialisation strategy” - Smart EIZ

- ❁ The SmartEIZ project aims to strengthen scientific and research capacity, narrow networking gaps and deficiencies of Institute of Economics, Zagreb in comparison to leading institutions in the field of Economics and Management of Innovation and Technology (EMIT).
- ❁ SmartEIZ will contribute to implementation of NS3 via inclusion of relevant stakeholders responsible for RIS3 policy implementation.
- ❁ Being part of SmartEIZ in dissemination of project results is a way of increasing efficiency of NS3 in Croatia.



Project partners



The Institute of Economics, Zagreb (EIZ)



CRIOS – Centre for Research on Innovation,
Organization and Strategy is a research
Institution of Bocconi University, Milan (Italy)



**Università Commerciale
Luigi Bocconi**

University College London -
School of Slavonic & East European Studies
(UCL-SSEES), London (UK)



Maastricht University – Maastricht Economic
and Social Research Institute
on Innovation and Technology (UNU-MERIT),
Maastricht (The Netherlands)



Maastricht University








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The objectives of the projects

-  Strengthen the cooperation between EIZ and leading international partner institutions in EU in the fields of EMIT
-  Improve the overall research on EMIT of EIZ through training activities
-  Enhance EIZ's capacity to design and implement public policies to favour the internationalisation of the Croatian production system in the globalizing economy
-  Improve the capacity of EIZ to study Science/Industry models of collaboration
-  Empower EIZ to contribute to RIS3 implementation stimulating inclusive innovation and sustainable development in selected technological domains



Improve the capacity of EIZ to study Science/Industry models of collaboration



- ❁ The objective is to improve EIZ's capacity to analyse **how University/Industry interaction contributes to innovation and competence building in SMEs** located in Croatia.
- ❁ University/Industry interaction is **central** in RIS3 for “smart, sustainable and inclusive regional growth”.
- ❁ The achievement of this objective will provide tools and methodologies to analyse **different forms of collaboration among SMEs and between SMEs and research institutions, both public and private.**



- ❁ The objective of the project is to strengthen EIZ's capacity to investigate how to adapt and diffuse KETs so they could be the “key-enablers” of the structural transformation in Croatia.
- ❁ The results of this investigation could suggest the right public policies in order to maximize impact of KETs.
- ❁ Particular attention is devoted to innovations for sustainable development, with the aim of providing EIZ with the most appropriate tools and methodologies to understand how to transform the potential of innovation processes into practical actions.

Expected impacts

- ❁ Improvement in the overall scientific and research capacity in the field of EMIT of the applicant through the implementation of the project that fits EIZ needs.
- ❁ EIZ's improvement in scientific methodological skills needed to support RDI and Public Policy Design and Evaluation.
- ❁ Increased scientific excellence, research and training capacity in the field of EMIT.
- ❁ Integration of project activities into RIS3 analyses and activities of Croatia as a direct result of the activities of the project.
- ❁ Improving EIZ's quality of research activities in the field of EMIT and turning it into a key promoter of cluster development in response to the socio-economic needs of Croatia.
- ❁ Adoption of “best-practices” approach in policy analysis and evaluation by at least one stakeholder in Croatia.
- ❁ Improvement of EIZ research project capacity, at a national, European and international level – measured by the number of projects that EIZ participates in.
- ❁ Production of a series of positive spillover effects for high-potential organizations.
- ❁ Increase staff mobility in EIZ.
- ❁ Identification of a suitable set of S&T indicators for Croatia to address the needs of the policy-makers.

Measures to maximize impact

- The main national and local stakeholders involved in the cooperation on tasks are: MINGO, AIK and HAMAG-BICRO.

Other stakeholders :

- Researchers and academics on national, regional and international level, especially those coming from South-East Europe, involved in research in the field of EMIT;
- Policy makers on local, national and EU level whose responsibilities include RIS3 and RDI environment for SMEs
- Industry representatives, namely representatives from SMEs and multinational companies operating in Croatia in industries covered in RIS3 thematic priorities



Measures to maximize impact

- ❖ The dissemination of the results of the project is predicted with the aim to increase their capacity and efficiency in the implementation of NS3 and RIS3 and their knowledge in the field of EMIT.
- ❖ Online survey about research and policy support needs for innovation in the South-East Europe.
- ❖ 127 participants: 20% private sector, 29% public sector, 29% university, 22% research institutes.



- *Training School (TSs)*: training activities, which aim at increasing the quality and productivity of researchers involved. Usually targeted at senior and junior researchers to stimulate a critical reflection on research methods and techniques.
- *Training Workshops (TWs)*: training classes or seminars where participants carry out a number of training activities and work individually and / or in groups to solve actual work related tasks to gain hands-on experience.
- *Short-Term Scientific Missions (STSMs)*: exchange visits between researchers involved in the project, allowing scientists to visit an institution in another country. They are aimed at fostering collaboration, sharing new techniques and infrastructure that may not be available in other participants' institutions.
- *Visiting Training Sessions (VTSs)*: exchange visits that aim at bringing senior scholars who can contribute to training programs and provide intensive support in the specific topics mentioned above.

1. Firm level survey data analysis (CIS, ORBIS, Amadeus)
2. Household level survey data analysis (GEM, ESS)
3. Developing questionnaires/surveys
4. Panel data analysis
5. Multivariate analysis (cluster analysis, factor analysis, regressions)
6. Bibliometric analysis
7. Patent analysis
8. Big data



1. Assessing Innovation Policy: Overview of Theoretical, Design and Implementation Issues
2. Technology, Growth and Productivity, including KET
3. Companies, Innovation, Productivity
4. Cluster Evolution
5. Smart Skills
6. Evaluations of Innovation Policies
7. Global Value Chain, including FDI
8. Science – Industry link
9. Entrepreneurship & Knowledge Based Economy

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Workshop ‘A Learning Network for Smart Specialisation Practitioners’



1. Z. Aralica, S. Radošević, J. Raos, Assessing research and policy support needs for innovation in the South East Europe.
2. R. Wintjes, Z. Aralica, How to select and develop Key Enabling Technologies and policies to advance manufacturing in Croatia? Localising roles for innovation researchers and policy makers.
3. I.-D. Anić, Z. Aralica, K. Bačić, Survey on Clusters of Competitiveness in Croatia.
4. D. Jurlina Alibegović , M. Šagovac, Report on Evaluating Smart City Indicators.
5. I. Rašić Bakarić, Survey on Croatian Wood Cluster – Summary of Key Findings
6. M. Tkalec, I. Tomić , I. Žilić, Demand for high-skilled labour: Lessons from the Online Vacancy Indeks.
7. B. Škrinjarić , V. Recher, Productivity of enterprises and the intensity of market forces: How does the market function in Croatia?
8. R. Mavilia, International collaboration in various aspects of innovation in the selected South East European countries



To find out more ...



www.smarteiz.eu

Thank you for your attention!



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