

The innovation needs for 5.0 transition

Arkadiusz Jurczuk

Bialystok University of Technology, Poland



Sibiu, 24 October 2024



Agenda

- CoDEMO Project overview
- Research on innovation needs for 5.0 transition goals & scope
- Regional & sectoral innovation needs for 5.0 transition
- Recommendations





CoDEMO Project overview

Co-Creative Decision-Makers For 5.0 Organizations



- Enhancing the innovation capacity of the EU by creating national cooperation networks for the development of 5.0 Organisations
- Building an ecosystem to support the development of new pro-innovation skills for decision-makers, with a particular focus on Industry 5.0 and Society 5.0.







Goals & scope of the CoDEMO survey

 Identification of the 5.0 transition drivers of innovation on the 4 dimensions



 Analysis of the innovation needs of EU socio-economic actors (CoDEMO partners)





Methodology

- Respondents: 75 participants from 6 EU countries
- Tool: Computer-Assisted Web Interview (CAWI)
- Form: questionnaire in national languages
- IT tool: EUSurvey (on-line)
- Data collection period: 04.12.2023 12.01.2024





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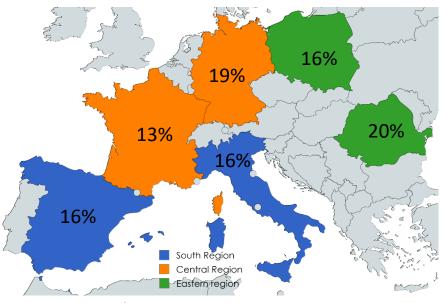
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Regional innovation needs for 5.0 transition *Regions overview*

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Source: CoDEMO own study

South Region

Spain - Moderate Innovator (performance at 89.9%)* Italy - Moderate Innovator (89.6%)

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Central Region France - Strong Innovator (104%) Germany - Strong Innovator (111.6%)

Eastern Region

Romania - Emerging Innovator (34%, below the average 48%) Poland - Emerging Innovator (65.9%, above the average)

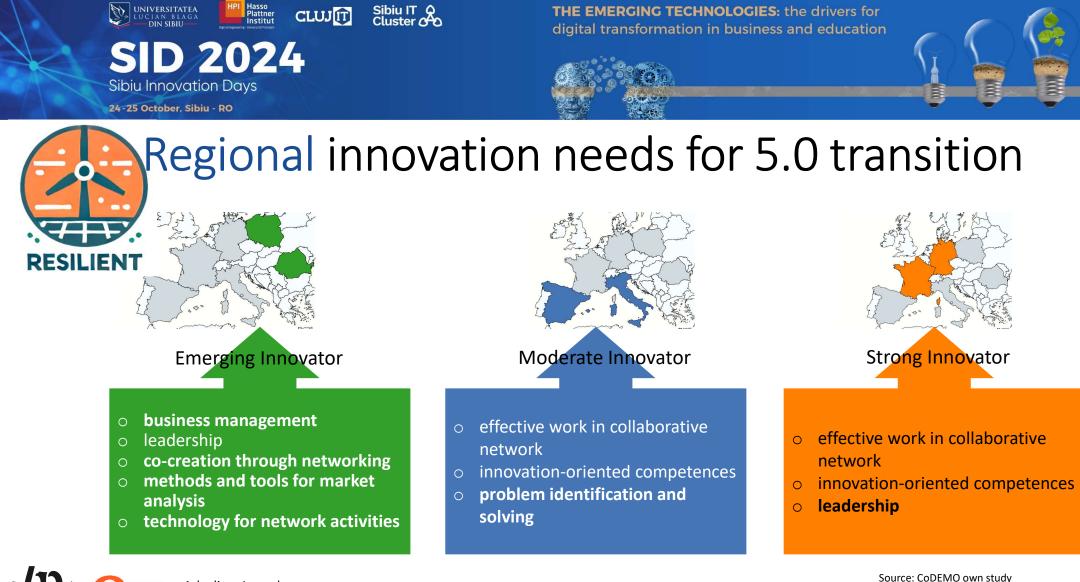
*) of the EU average in 2024

Source: European Commission, *European Innovation Scoreboard 2024*, European Union, 2024.





Arkadiusz Jurczuk Bialystok University of Technology, Poland



Arkadiusz Jurczuk

Bialystok University of Technology, Poland

THE EMERGING TECHNOLOGIES: the drivers for

Source: https://www.mapchart.net/





Arkadiusz Jurczuk Bialystok University of Technology, Poland Source: CoDEMO own study



THE EMERGING TECHNOLOGIES: the drivers for

digital transformation in business and education

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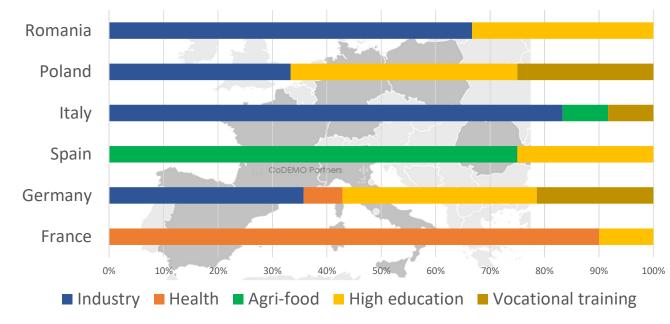
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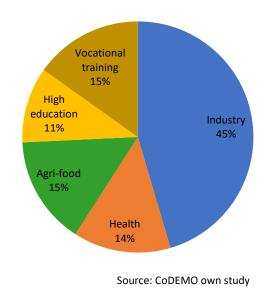
Source: CoDEMO own study



Sectoral innovation needs for 5.0 transition

Sectors overview









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Bialystok University of Technology, Poland

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Source: CoDEMO own study





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Recommendations - Innovation boosters

- Enhancement of leadership
- \odot Development of skills and infrastructure for networking
- Development of digital capabilities & skills
- \odot Increasing the ability to understand and use digital technologies
- Development of problem-solving competencies
- \odot Increasing to design and use of resource-efficient technologies
- \odot Providing intensive trainings on value creation and management





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Contact



Arkadiusz Jurczuk, a.jurczuk@pb.edu.pl Bialystok University of Technology

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