

The contribution of Ministry of Industry and Trade to the development of regions

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MINISTRY OF
INDUSTRY AND TRADE

Digitalization and Innovation Section



Outline

- ➔ 5G networks and high-speed internet
- ➔ Digital Innovation Hubs
- ➔ Regional RIS3 strategies
- ➔ OECD project: Innovation diffusion



5G networks and high-speed internet

- ➔ A basic infrastructure for development in regions
- ➔ Necessary for connecting businesses, public services and citizens
- ➔ Ensure the transfer of big data, the use of artificial intelligence (AI), Internet of Things and other conveniences and benefits of the digital era
- ➔ The cities of Bílina, Karlovy Vary, Jeseník, Ústí nad Labem and Pilsen are preferentially testing 5G mobile technology
- ➔ The cities won the competition announced by the Ministry of Industry and Trade (58 applicants)



City camera



Live streaming



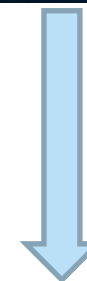
Smart public transport



Unmanned aircraft

Digital Innovation Hubs

- ➔ Supporting digitalization not only in industry, but also in the field of state administration and public life
- ➔ Supported from Digital Europe Programme and MIT is a National contact point for this EU programme in the Czech Republic
- ➔ 15 DIHs in the Czech Rep., 5 of them in eDIH status



Adequate policy mix required!



Prague



Central Bohemia



South Moravia



South Moravia



Moravia-Silesia

Regional RIS3 strategies

- ➔ National RIS3 strategy – enabling condition for EU R&I funding
- ➔ Regional strategies of smart specialization have arisen in each region (regional annexes)
- ➔ Regional RIS3 teams exist in the regions to implement these strategies
- ➔ **Smart Accelerator** activities are financed from Programme Johannes Amos Comenius managed by Ministry of Education, Youth and Sports
- ➔ MIT provides the regions with significant **methodological support** (trainings, meetings, networking for exchange experience and best practice sharing).
- ➔ **Regional Innovation Councils** are looking for new opportunities for innovation that can contribute to the development of the region.
- ➔ **Regional innovation platforms** are established on the triple helix principle and discovers business opportunities during the Entrepreneurial Discovery Process.
- ➔ This structure is very close to the **Partnership for Regional Innovation (PRI)**



Innovation diffusion

- ➔ OECD & EC project to create “*A Self-assessment toolkit for regional innovation diffusion*”
- ➔ Detection of strengths and weaknesses of the region in terms of the diffusion of new ideas and innovative impulses
- ➔ It will help policy-makers to identify the bottlenecks that hinder the free flow of ideas between public administration, academia, business and the non-profit sector.
- ➔ The OECD’s analysis stressed
 - ▶ the need for closer cooperation between relevant players at the national and regional levels
 - ▶ greater effort to address the shortage of suitably skilled labour
 - ▶ more intensive information transfer and good practice sharing at the national and regional levels.
- ➔ OECD recommended
 - ▶ focusing more on building communication networks
 - ▶ building high-speed Internet infrastructure
 - ▶ removing administrative burdens
 - ▶ generally simplifying the overly complex innovation support system.



Conclusion

- ➔ Infrastructure, technology (AI, robotics), networking, best practice sharing - all this can improve the competitiveness of the region
- ➔ But we need the proper policy mix to
 - ▶ set priorities based on data
 - ▶ change communication
 - ▶ share experiences
 - ▶ strengthen willingness to cooperate
 - ▶ implement innovation in society





Thank you for your attention



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