Mission oriented: Innovation in the public sector and regional development

Rut Bízková ISFOR, Institute for Society 4.0 Brno, February 7, 2024







Formal framework:

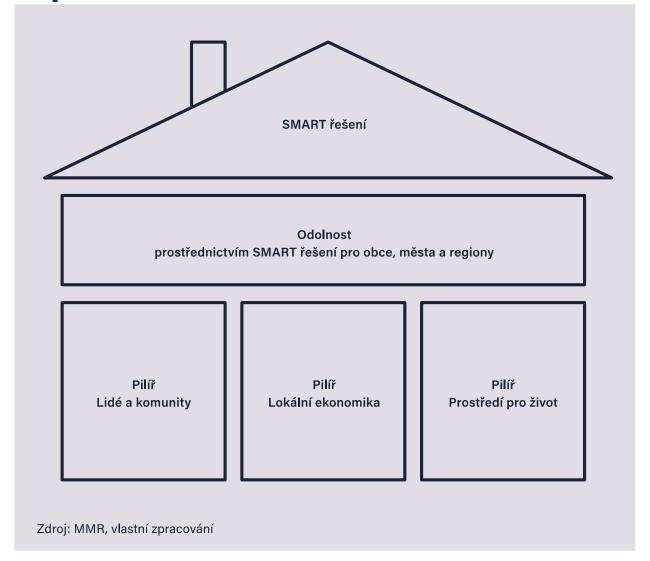
- The Concept of Smart Cities Resilience through SMART solutions for municipalities, cities and regions - approved by the government in 2021
- The Implementation Plan for the Concept of Smart Cities approved by the government in 2022
- Targets and tools for a smart rural Europe The European committee of the regions NAT-VII/030, 2023

House of the SMART concept

SMART solution

roof of the house

- resilience covering crosssectoral area
- 3 pillars of sustainable development
- local level = smart villages, smart cities, smart microregions, smart Czech republic







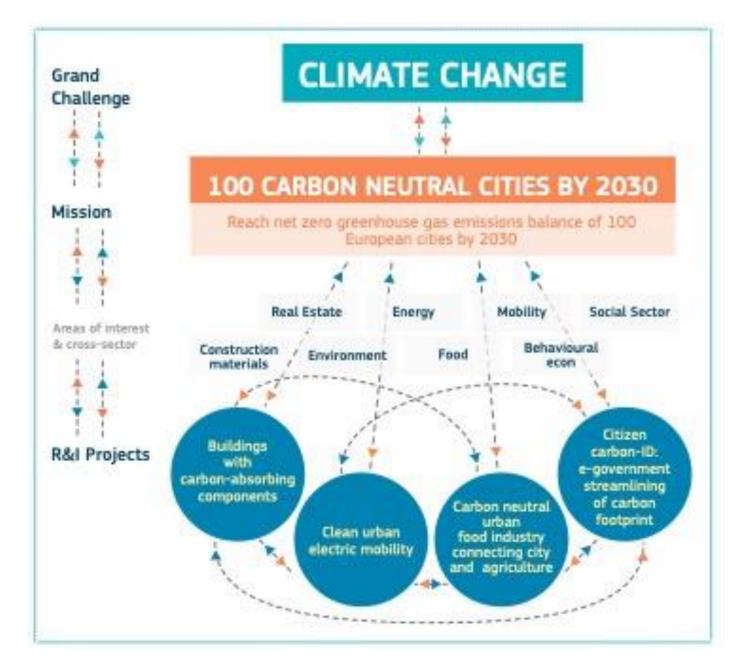
- 1. The principle of change of direction
- 2. The principle of resilience
- 3. The principle of one solution with several effects
- 4. The principle of "short distances"
- 5. The principle of cooperation and financial sustainability to achieve the effectiveness of the solution
- 6. The principle of cohesion and complementarity, horizontal and vertical connection
- 7. The principle of solutions based on relevant information and facts (evidence based)

RIS₃ – SMART is mission oriented

National RIS₃ – smart city and innovative regional development

Mission-oriented research & innovation in the European Union
A problem-solving approach to fuel innovation-led growth

Mariana Mazzucato, EC 2018



Mission oriented part of the RIS3 strategy

ISFOR Institut pro společnost 4.0

Cross-cutting priorities

- Addressing the cross-cutting problems of the R&D&I system in key areas of change
- Horizontal strategic and specific objectives of the National RIS3 Strategy for key areas of change:

Business R&D&I

Public research and development

People and smart skills

Digital agenda

Vertical thematic priorities	
Research and innovation specialisation domains	Social challenges
 An intersection of the potential for the Czech Republic's technological specialisation in the areas of key enabling and newly emerging technologies, the potential of other relevant knowledge and the potential for absorbing new knowledge and R&D results in application sectors 	Specific topics aimed at addressing emerging societal challenges that can be addressed through R&D&I
 They cover specific R&D&I topics in application sectors, applications of key enabling and emerging technologies 	

National RIS₃ Strategy of the Czech Republic 2021-2027

Specialisation domains

Advanced materials, technologies and systems

Digitalisation and automation of manufacturing technologies

Electronics and digital technologies

Environmentally friendly transport

Technologically advanced and safe transport

Advanced medicine and drugs

Cultural and creative industries as a tool to accelerate the socio-economic development of the Czech Republic

Green technologies, bioeconomy and sustainable food resources

Smart cities and municipalities



National RIS₃ Strategy of the Czech Republic 2021-2027

Why is Service Science important?

Thank you

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