



REPUBLIKA SLOVENIJA  
MINISTRSTVO ZA VISOKO ŠOLSTVO,  
ZNANOST IN INOVACIJE



Sofinancira  
Evropska unija

# INNOVUM

INNOVUM – a platform for the development and innovation  
breakthrough of the Eastern Slovenia Cohesion Region

# Table of Contents

- Problem definition
- ↓
- Solutions
- ↓
- Objectives
- ↓
- INNOVUM infrastructure investments



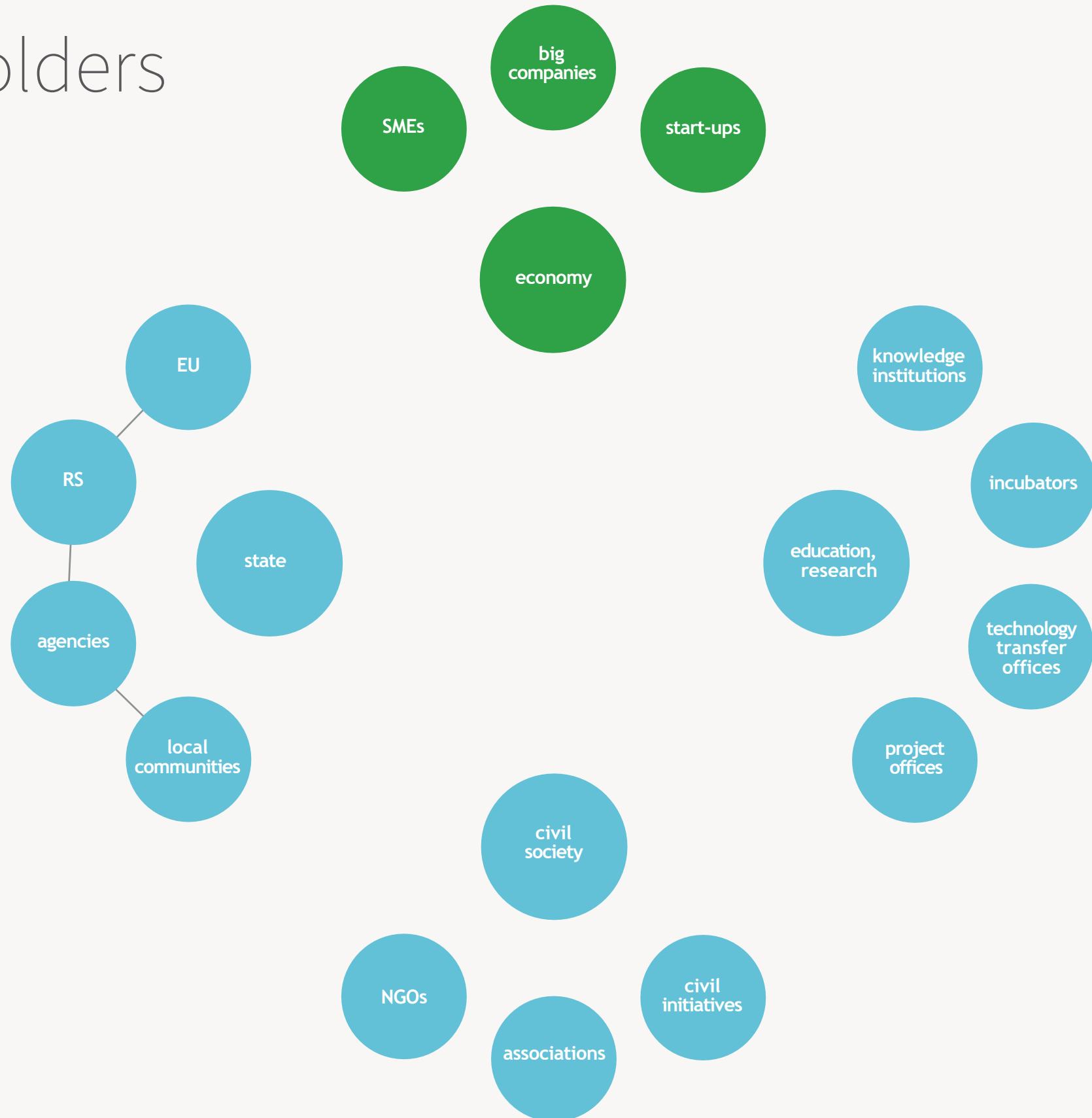
# Slovenia

- ▶ Poor integration of development and innovation stakeholders;
- ▶ Ineffective knowledge transfer from the science and research sphere to the economy;
- ▶ Insufficient investment in R&D&I in SMEs;
- ▶ Insufficient progress in the creation of intellectual property (publications/patents);
- ▶ Slow productivity growth in the economy;
- ▶ The innovation system is not prioritized and not recognized as a development driver.

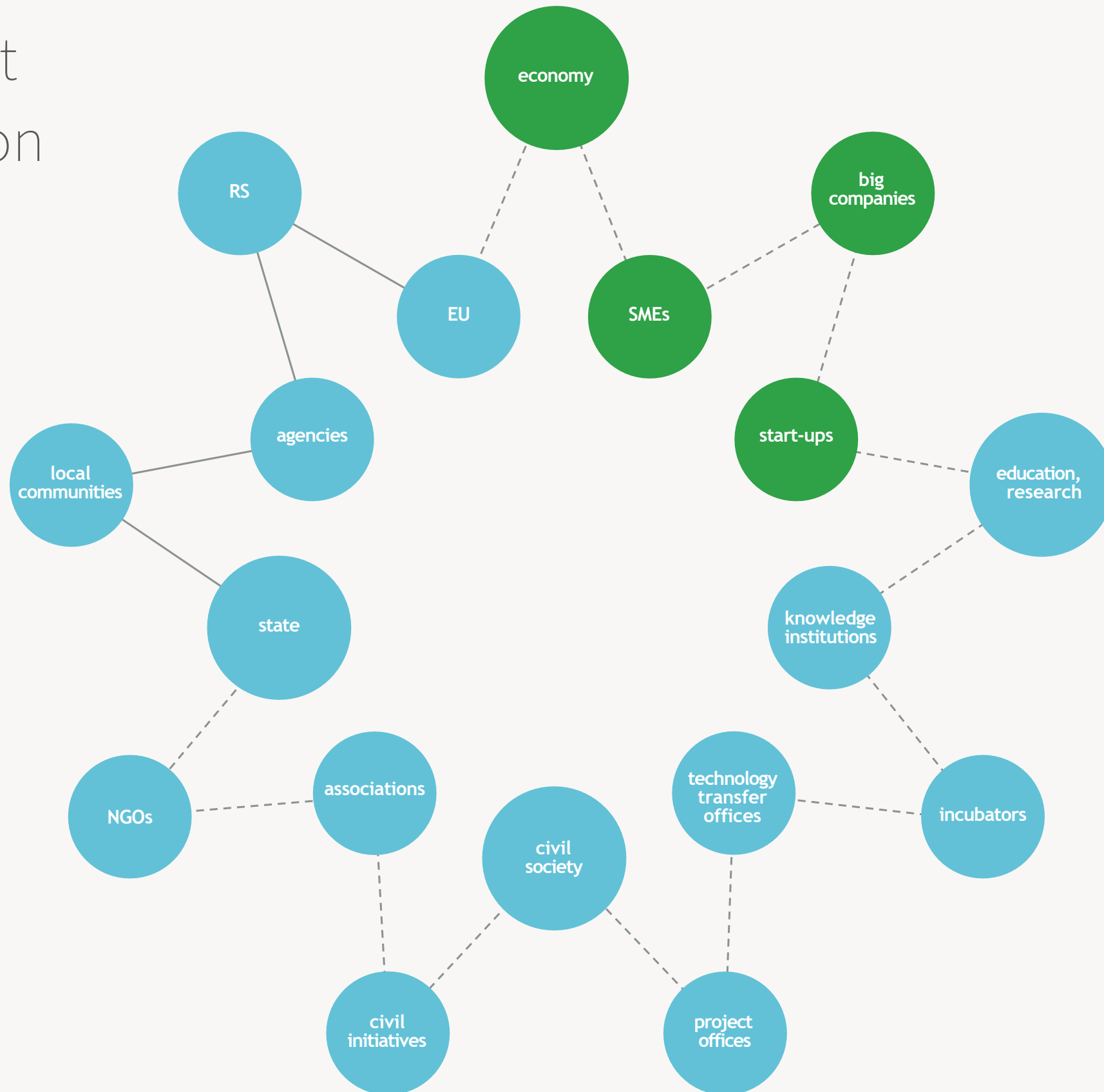
# Eastern Slovenia Cohesion Region

- ▶ Lack of infrastructure for achieving excellence in research and innovation;
- ▶ Insufficient investment in scientific research equipment;
- ▶ Weak cooperation between institutions of knowledge and the economy;
- ▶ Weakness of R&D departments in companies;
- ▶ Inadequate organization of the supportive environment for research and innovation;
- ▶ Dominance of economic activities with low added value.

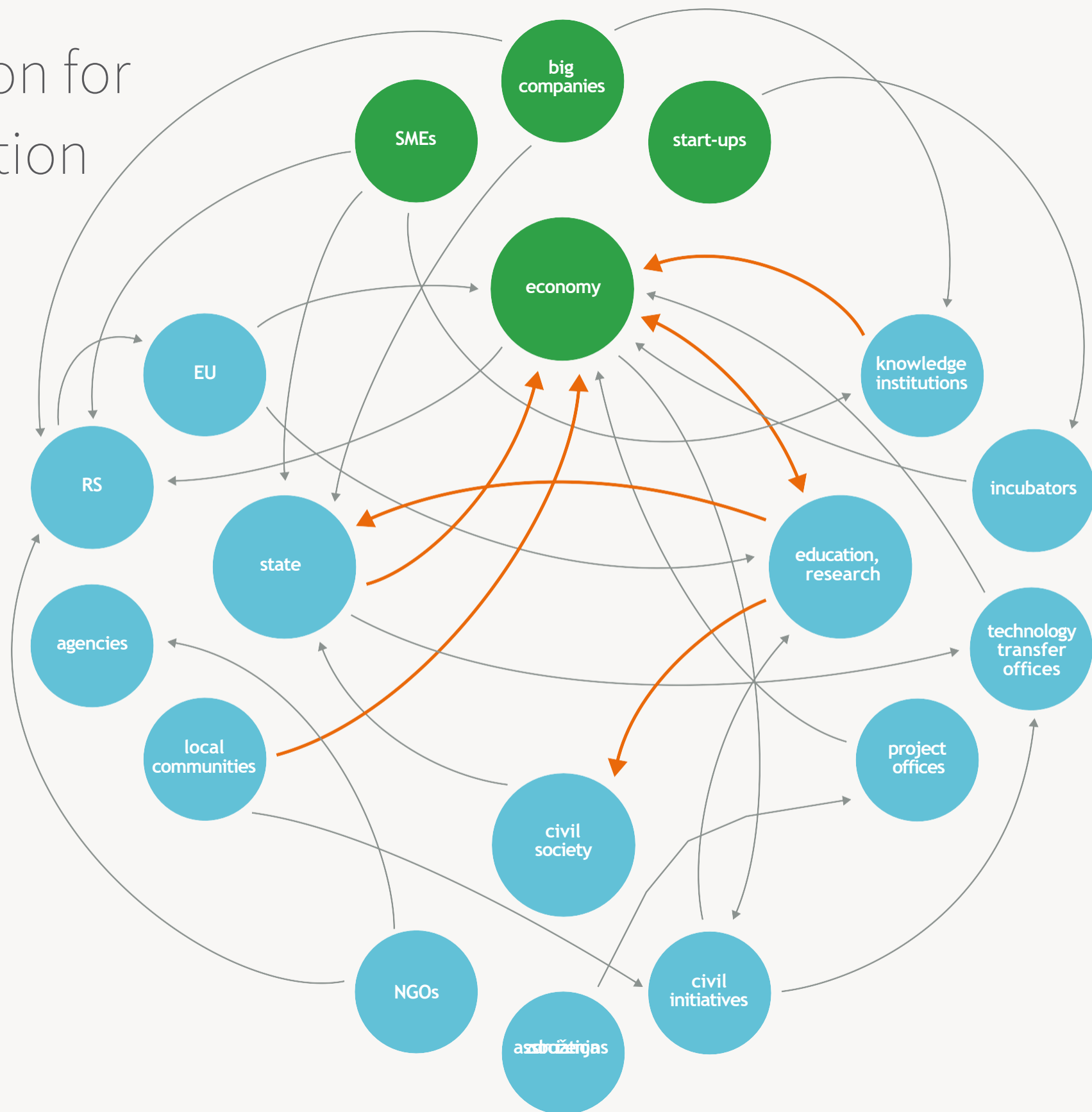
# Stakeholders



# Project solution



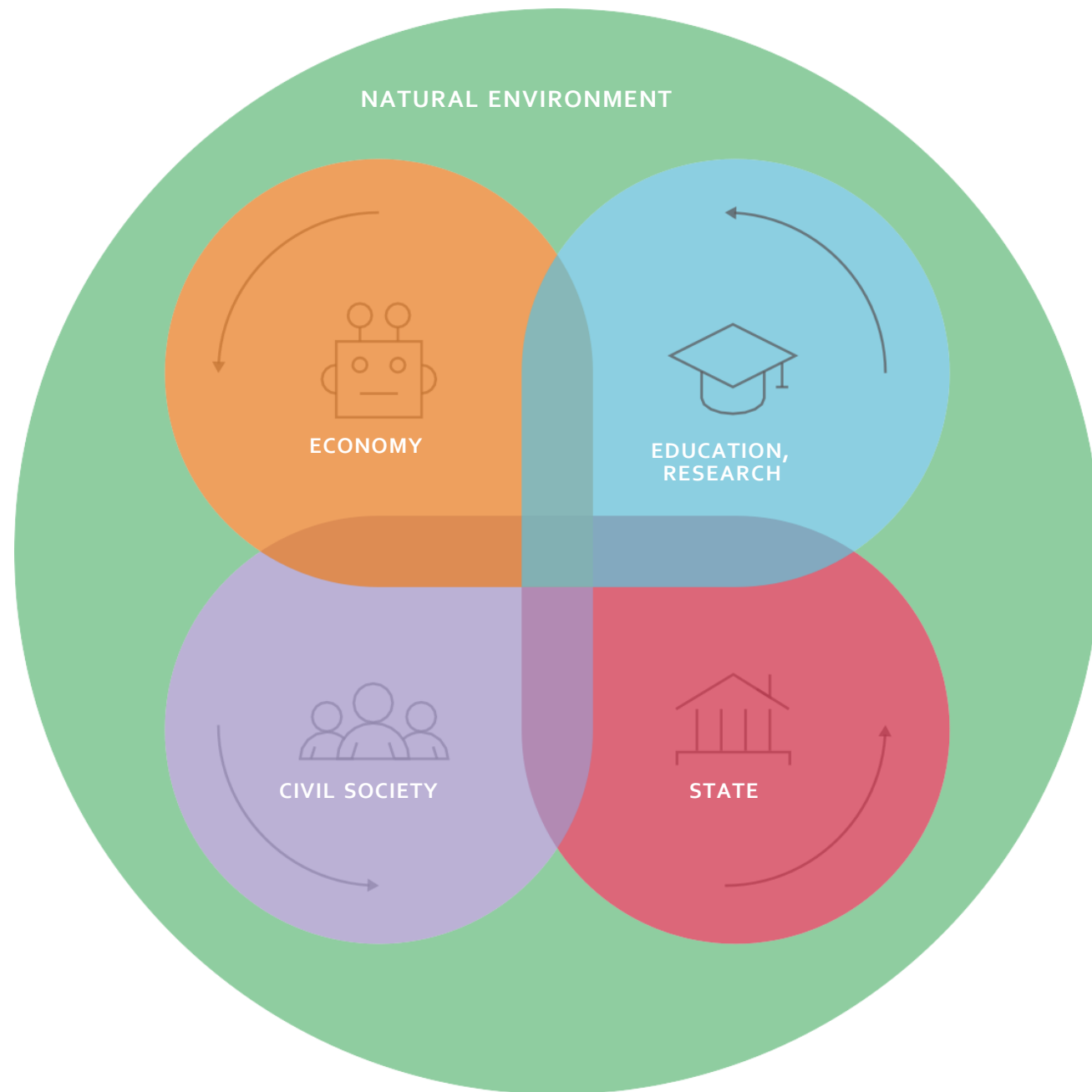
# Motivation for cooperation



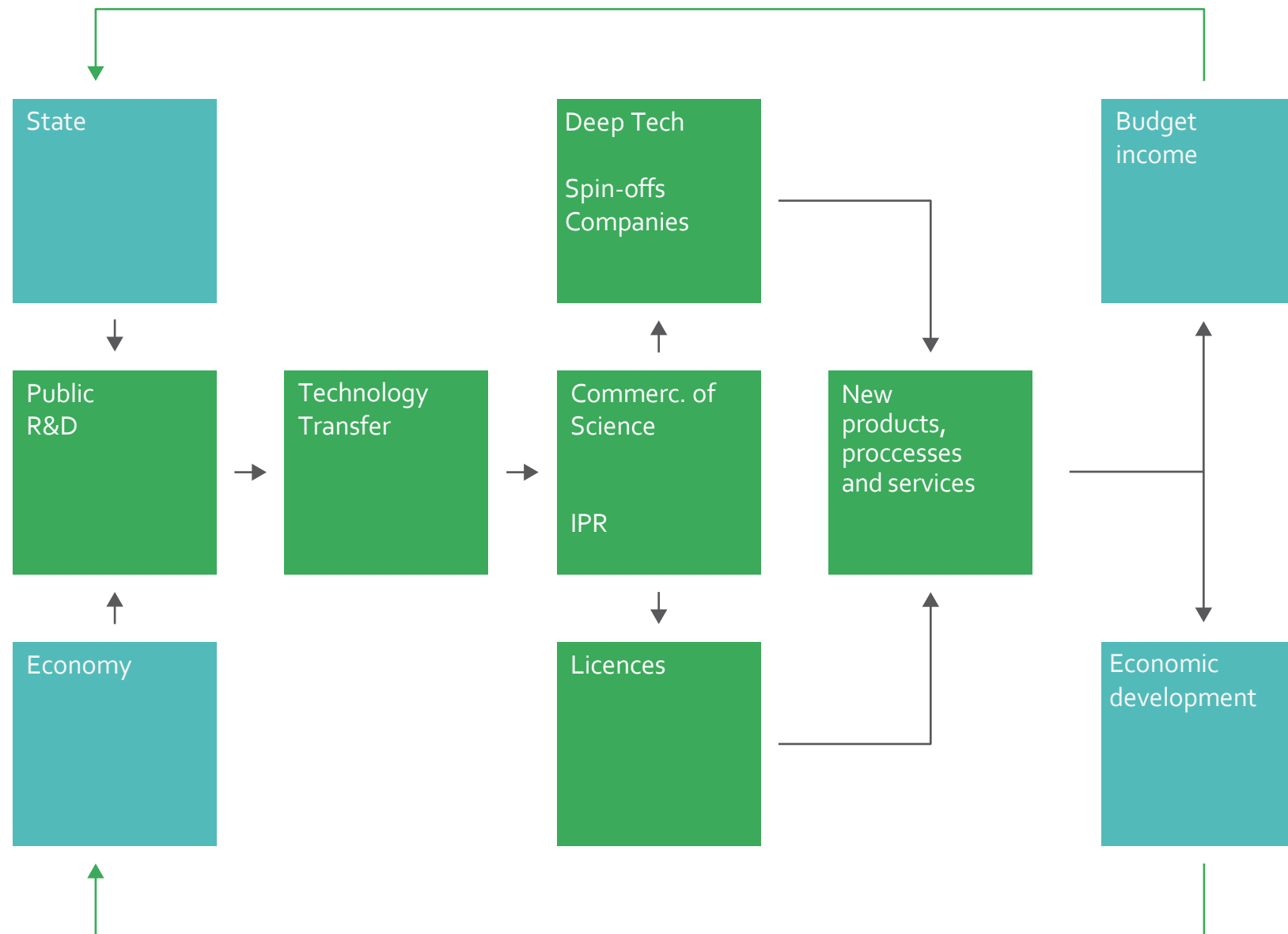




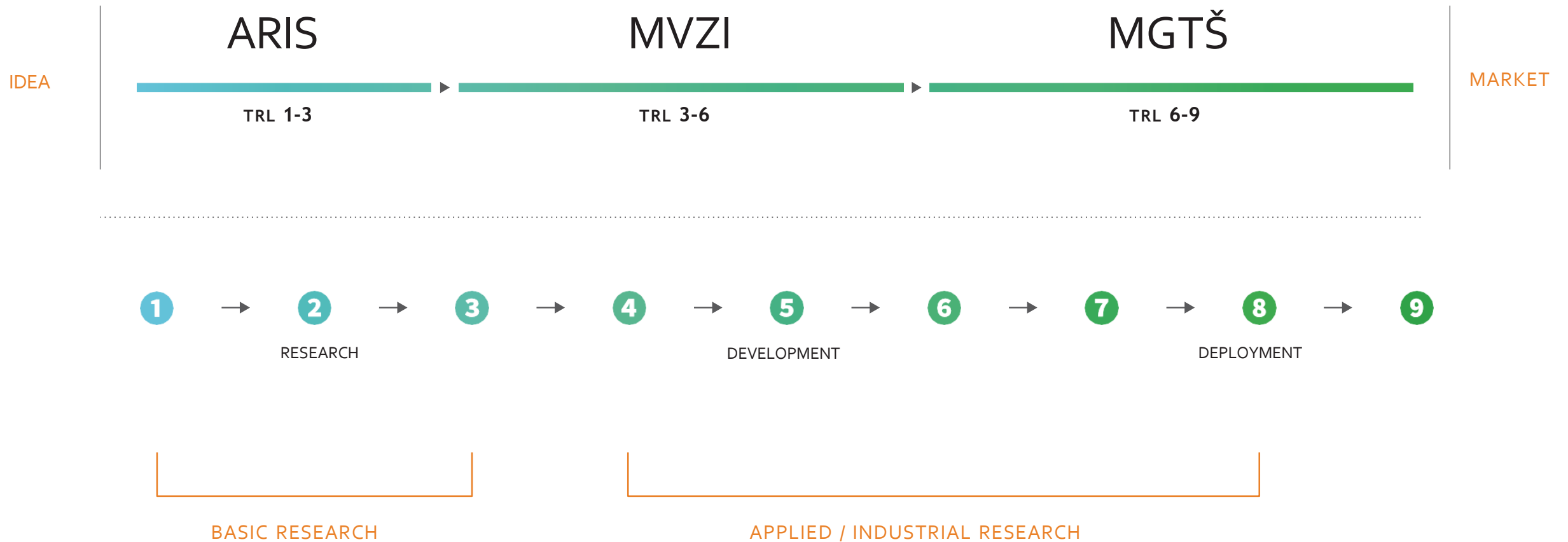
Connecting partners according  
to the “quintuple innovation helix” principle



# The Impact of Technology Transfer on Economic Development



# Public financing



# Example of good practise:

## Statistical data for the South Moravian region

### Innovation Development Strategies 2001-2020

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55.000 → 85.000

STUDENTS

25.000 → 30.000

S&T STUDENTS

1,4% → 3,8 %\*

R&D INTENSITY  
\*OF GDP

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1241 → 3833

WEB OF SCIENCE PUBLICATIONS

6041 → 12040

RESEARCHERS

8,3 % → 6,0 %

UNEMPLOYMENT

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RIS >1

2001 - 2004

RIS >2

2005 - 2008

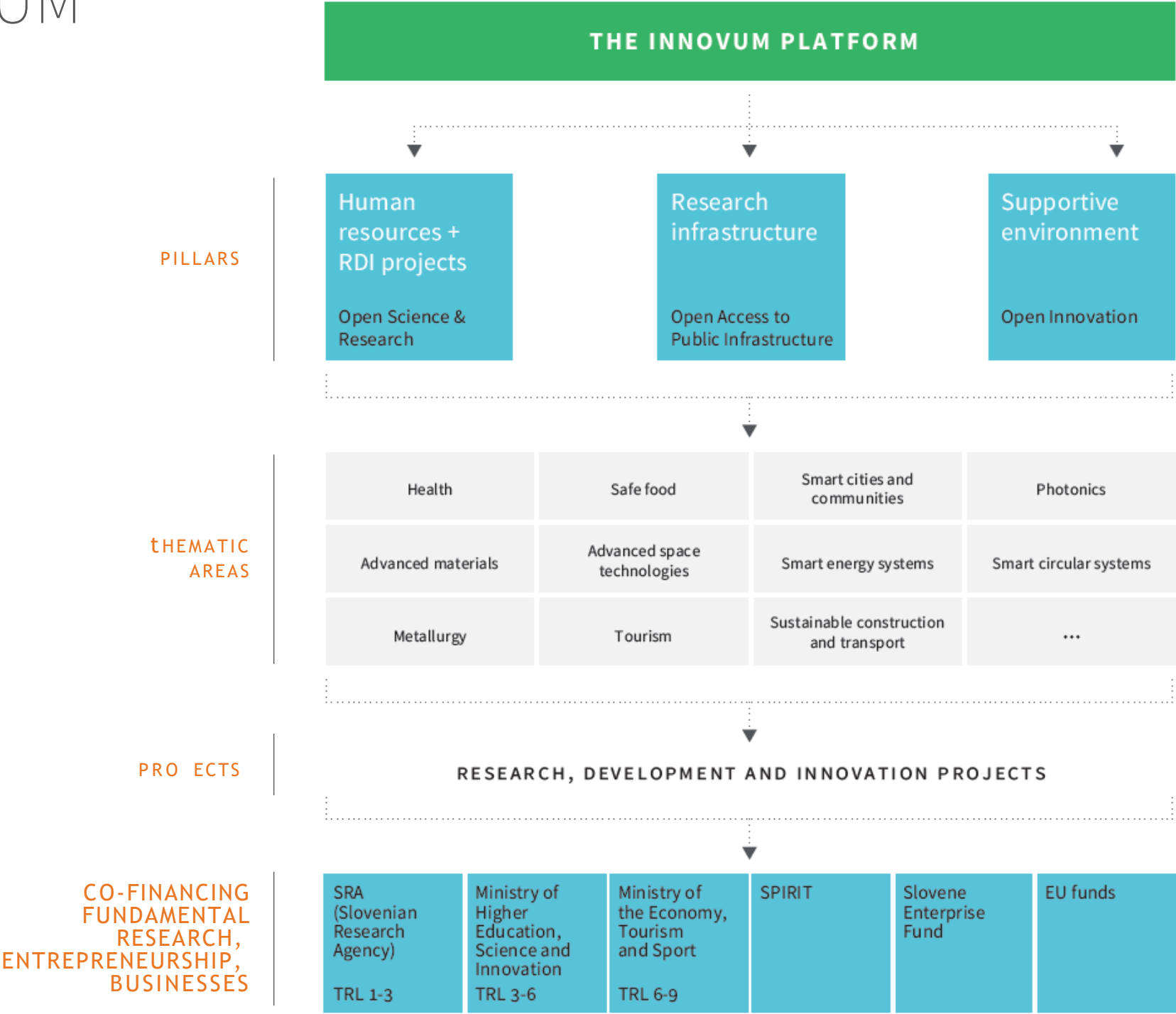
RIS >3

2009 - 2013

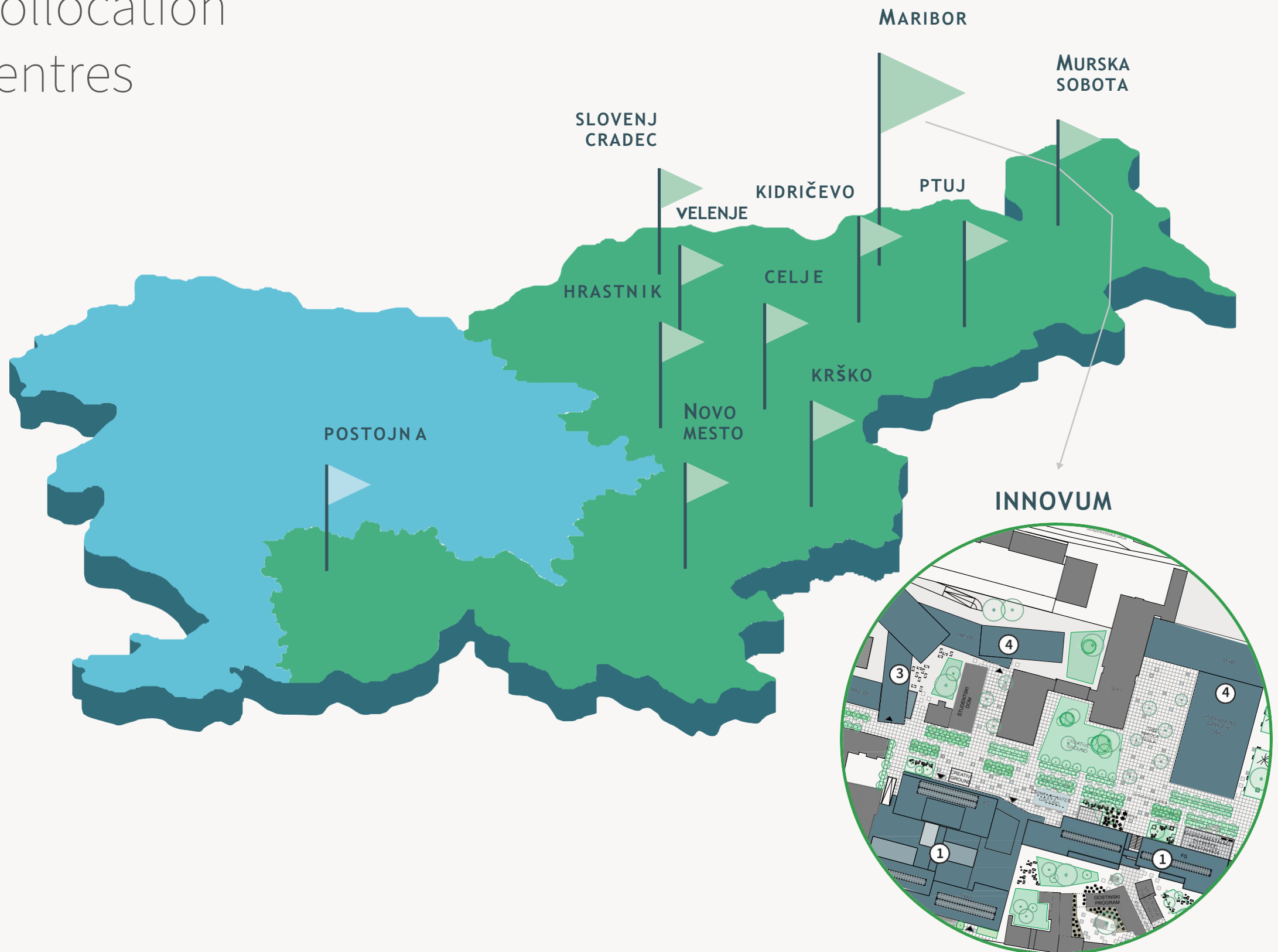
RIS >4

2014 - 2020

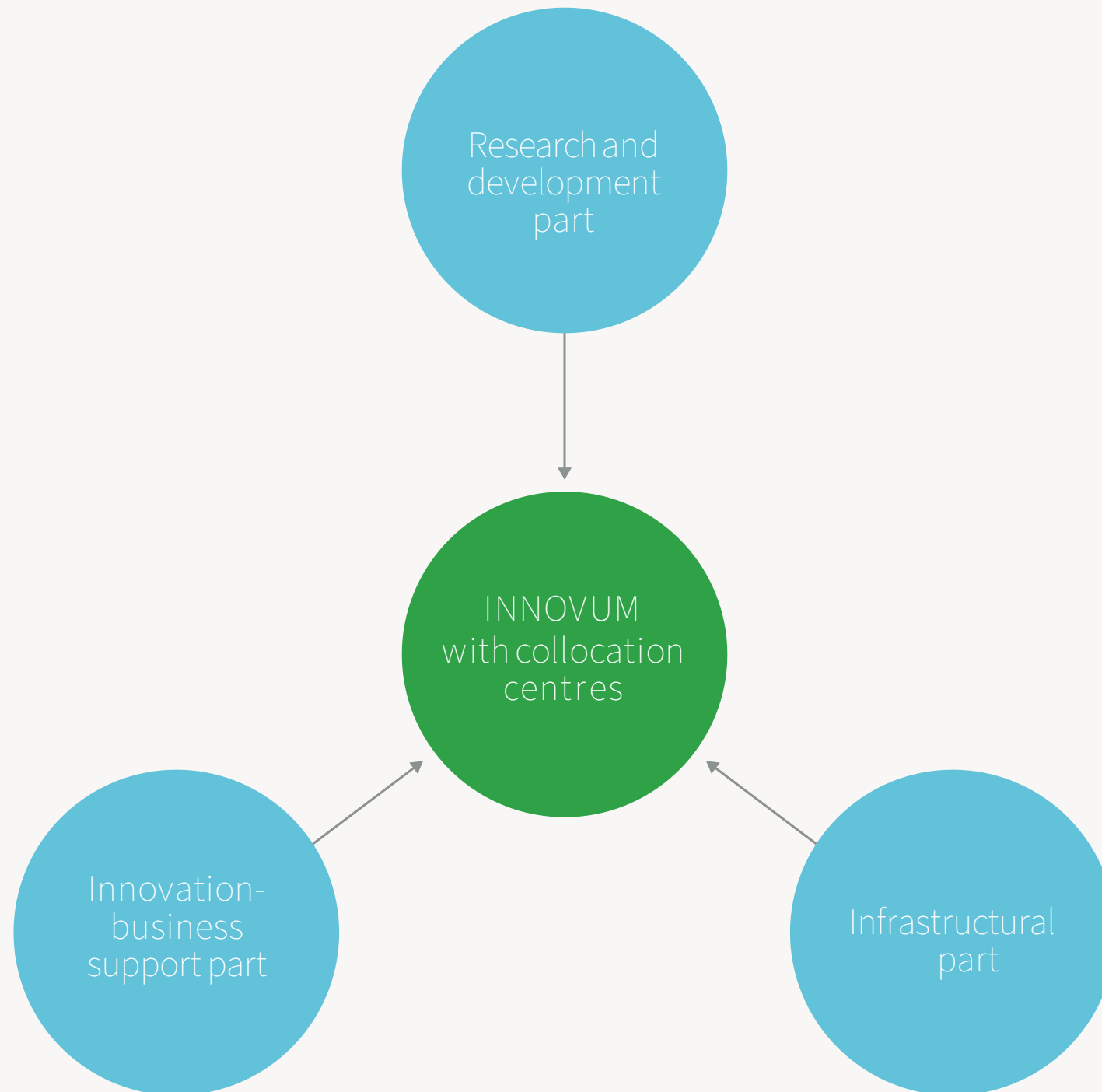
# The Structure of INNOVUM



# Collocation centres

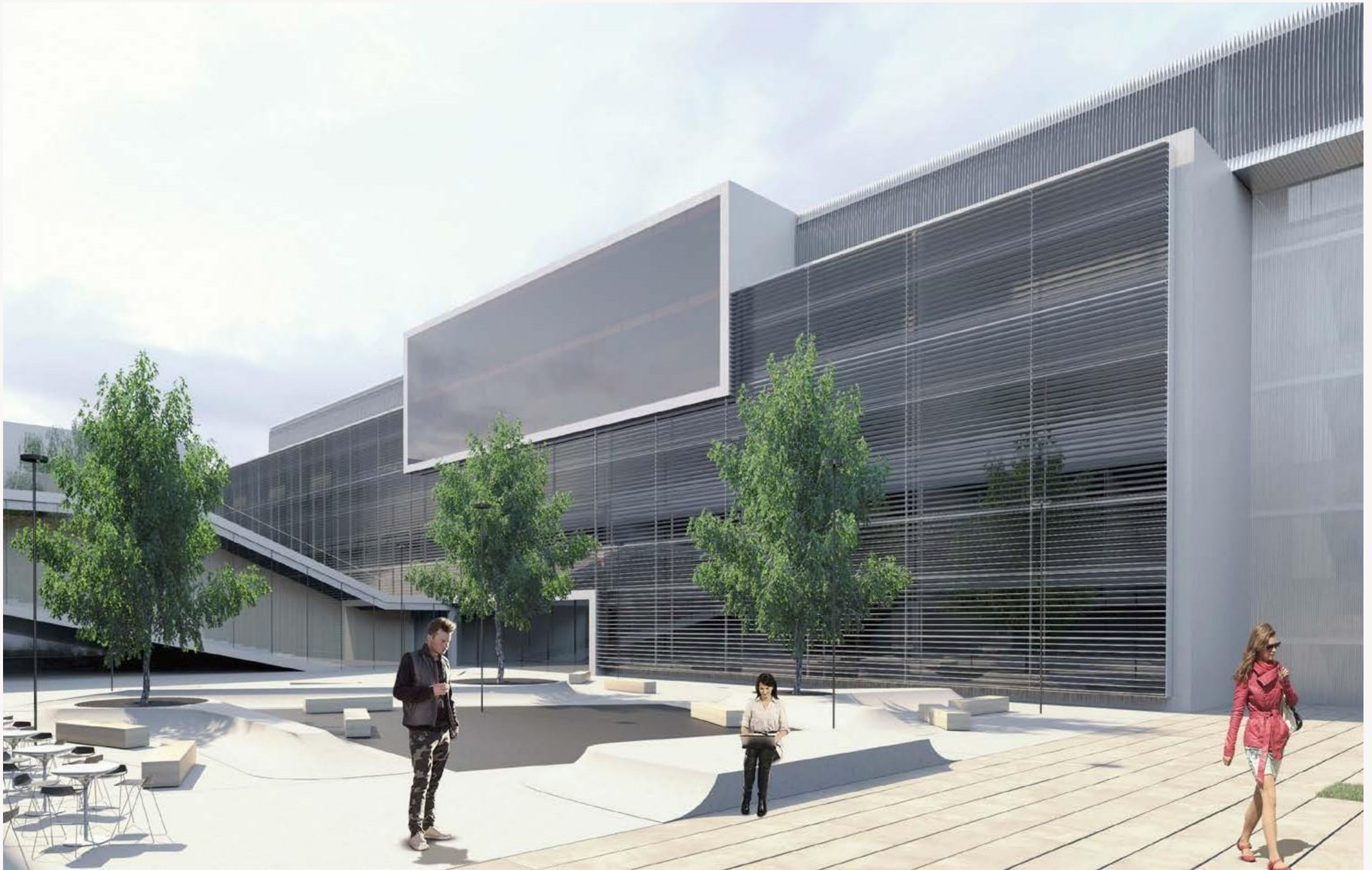


# INNOVUM structure





# Conceptual design of INNOVUM

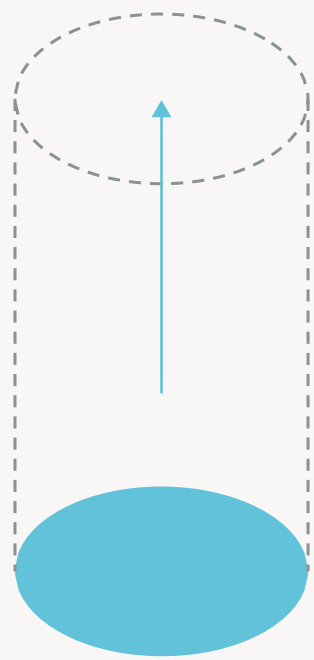


# Innovation Ecosystem Partnership Mechanism - One Stop Shop

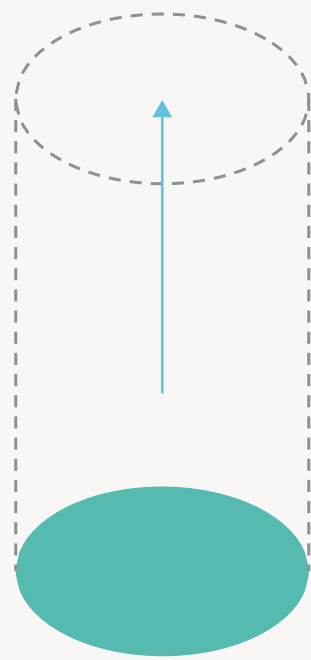




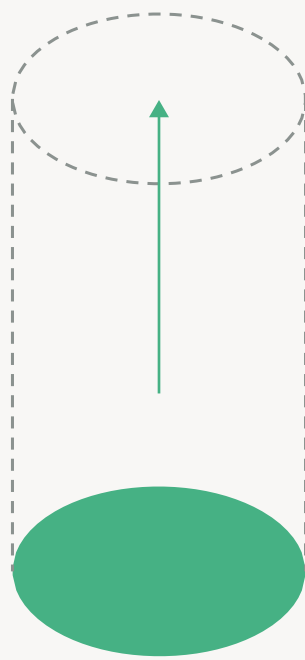
# Key Performance Indicators



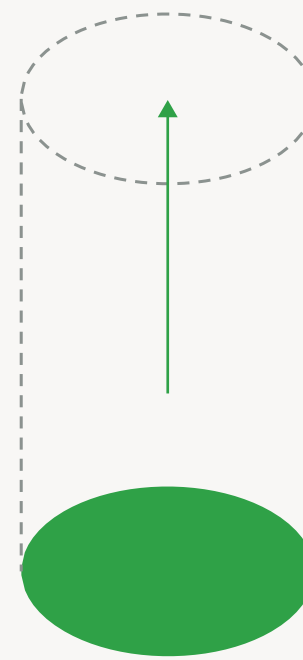
HIGH-TECH JOBS



INCREASE IN R&D  
INVESTMENTS (% OF GDP)



NEW COMPANIES

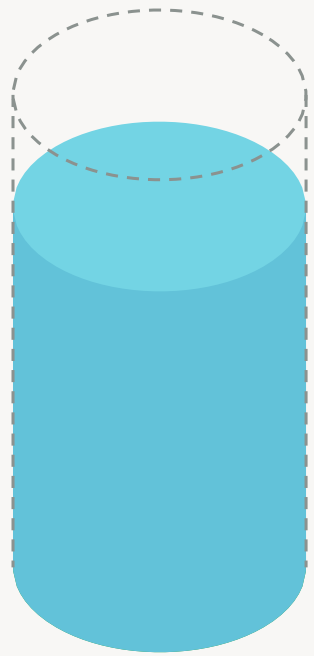


RESEARCHERS,  
DEVELOPERS

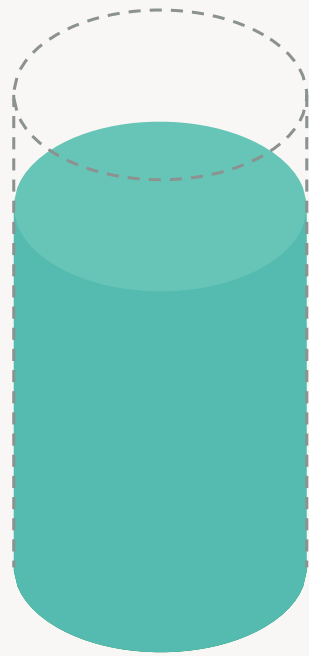


UNEMPLOYMENT

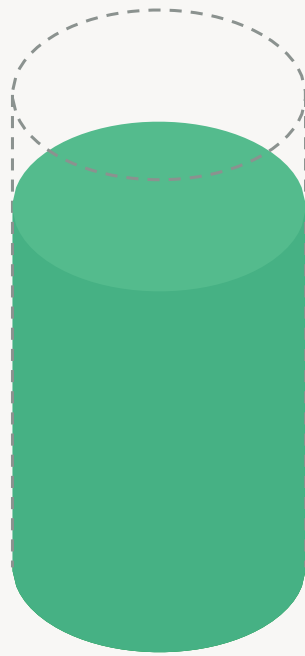
# Vision



HIGH-TECH JOBS



INCREASE IN R&D  
INVESTMENTS (% OF GDP)



NEW COMPANIES



RESEARCHERS,  
DEVELOPERS



UNEMPLOYMENT



# Investments of the University of Maribor within the INNOVUM platform

	Project/Investment	Project duration
1.	Renovation of the Centre of Excellence for Photonics, Micro- and Nano-Electronic Technologies at the University of Maribor	04/2025 - 09/2026
2.	Faculty of Energy Technology: construction of the extension, including the development of the research infrastructure of the Institute of Energy	07/2024 - 09/2027
3.	Faculty of Logistics: refurbishment of the newly acquired building including the conversion to the Logistics Research Centre	03/2024 - 08/2027
4.	Faculty of Civil Engineering, Transportation Engineering, and Architecture: renovation of the main building with construction and development of the research infrastructure annex	06/2025 - 9/2028
5.	Faculty of Electrical Engineering, Computer Science and Informatics: construction of the new extension	05/2025 - 10/2028
6.	Faculty of Mechanical Engineering: construction of the new faculty building	07/2025 - 03/2029
7.	Faculty of Chemistry and Chemical Engineering: construction of the new faculty building	07/2025 - 03/2029
8.	Purchase of state-of-the-art research equipment (RIUM 2)	09/2025 - 08/2028



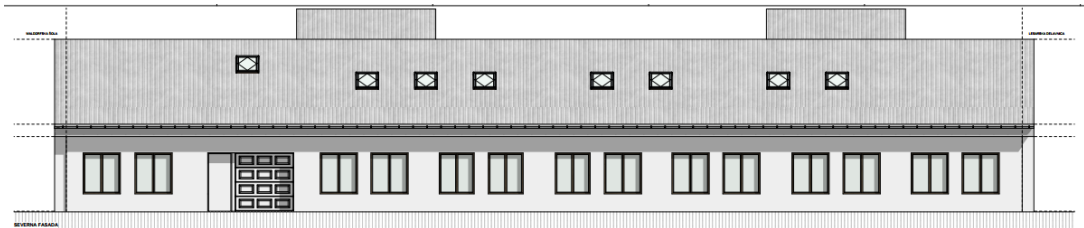
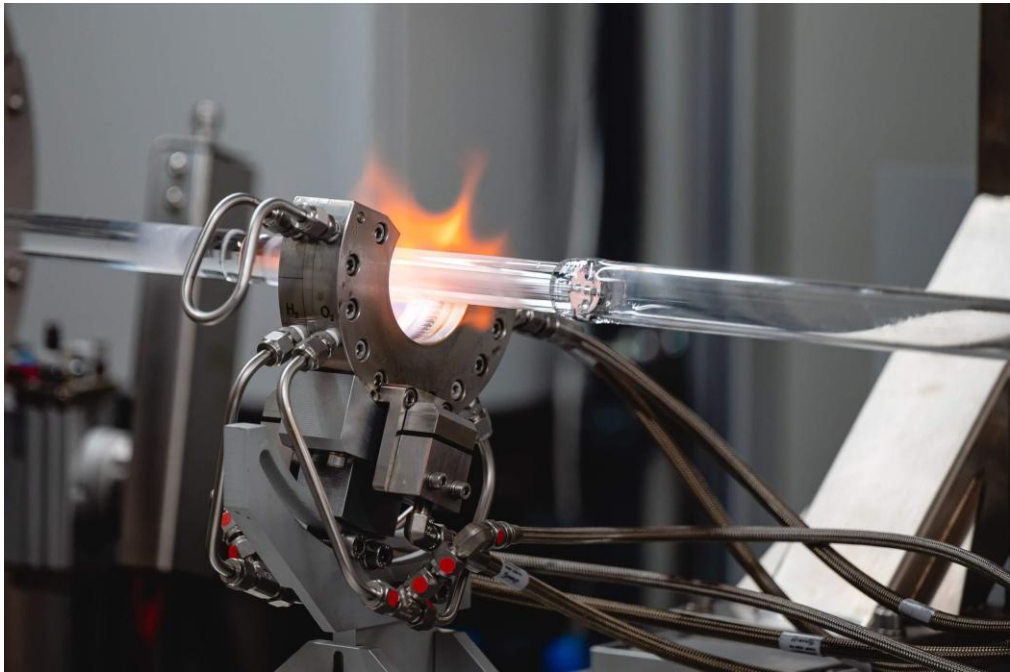
# Funding sources of the INNOVUM platform

Project/Investment	CP Funds (EUR)	PO1 (EUR)	PO4 (EUR)
Renovation of the Centre of Excellence for Photonics, Micro- and Nano-Electronic Technologies at the University of Maribor	1.789.614,70	1.789.614,70 100%	0 0%
Faculty of Energy Technology: construction of the extension, including the development of the research infrastructure of the Institute of Energy	5.388.282,00	3.264.221,24 60,58%	2.124.060,76 39,42%
Faculty of Logistics: refurbishment of the newly acquired building including the conversion to the Logistics Research Centre	6.825.679,00	3.995.070,00 58,53%	2.830.609 41,47%
Comprehensive renovation and extension of the Technical Faculties' buildings – Phase I.	86.986.038,11	67.970.890,18 78,14%	19.015.147,93 21,86%
Purchase of state-of-the-art research equipment (RIUM 2)	25.000.000,00	25.000.000,00 100%	0 0%



# Renovation of the Centre of Excellence for Photonics, Micro- and Nano-Electronic Technologies at the University of Maribor

INVESTMENT VALUE:	1.789.614,70 €
LOCATION:	Valvasorjeva ulica 75b, Maribor
NET FLOOR AREA:	741 m2
PROJECT DURATION:	04/2025 - 09/2026
NUMBER OF STUDENTS:	The Centre of Excellence functions under Faculty of Electrical Engineering, Computer Science and Informatics; 2.376 students (regular, part-time, and graduate students, as of 1. 10. 2024)
TOTAL NUMBER OF EMPLOYEES:	325 (31.12.2024)
PROJECT STATUS:	Signing of the project financing agreement;  Signing of the construction and craft works contract.



# Faculty of Energy Technology: construction of the extension, including the development of the research infrastructure of the Institute of Energy

INVESTMENT VALUE:	5.388.282,00 €
LOCATION:	Vrbina 18, 8270 Krško
NET FLOOR AREA:	1.892 m2 + 563 m2 (purchase of building rights)
PROJECT DURATION:	07/2024 - 09/2027
NUMBER OF STUDENTS:	219 students (regular, part-time, and graduate students, as of 1. 10. 2024)
TOTAL NUMBER OF EMPLOYEES:	40 (31.12.2024)
PROJECT STATUS:	Architectural competition completed; Application for a building permit submitted.



# Faculty of Logistics: refurbishment of the newly acquired building including the conversion to the Logistics Research Centre

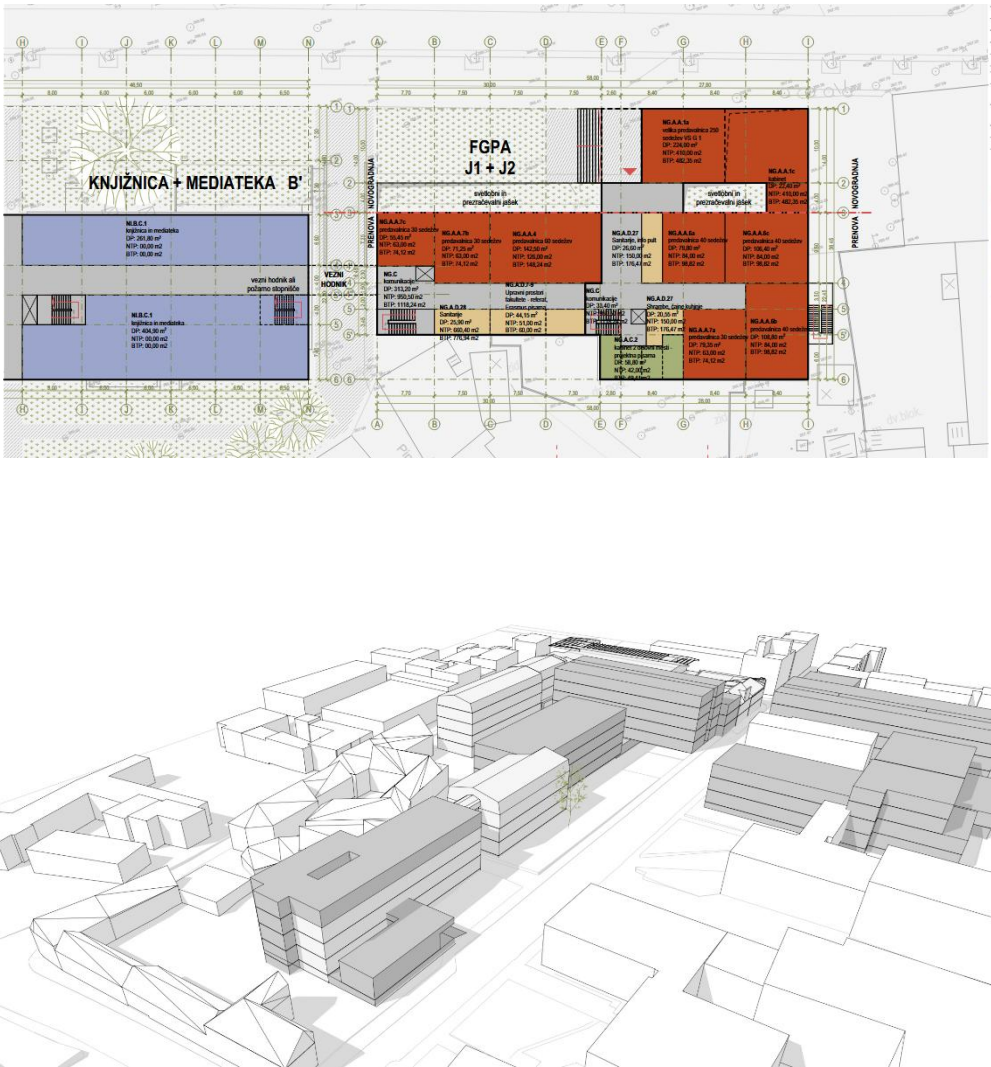
INVESTMENT VALUE:	6.825.679,00 €
LOCATION:	Vodnikova ulica 10, Celje
NET FLOOR AREA:	3.398 m2
PROJECT DURATION:	03/2024 - 08/2027
NUMBER OF STUDENTS:	490 students (regular, part-time, and graduate students, as of 1. 10. 2024)
TOTAL NUMBER OF EMPLOYEES:	49 (31.12.2024)
PROJECT STATUS:	A building permit has been issued; Preparation of the public tender for the execution of construction finishing works.





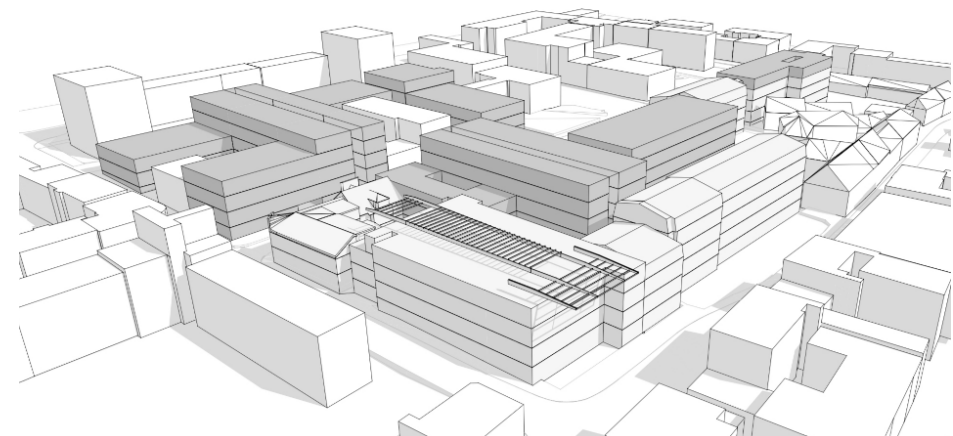
# Faculty of Civil Engineering, Transportation Engineering, and Architecture: renovation of the main building with construction and development of the research infrastructure annex

INVESTMENT VALUE:	13.025.923,09 €
LOCATION:	Smetanova ulica, Maribor
NET FLOOR AREA:	5.951 m2
PROJECT DURATION:	06/2025 - 9/2028
NUMBER OF STUDENTS:	807 students (regular, part-time, and graduate students, as of 1. 10. 2024)
TOTAL NUMBER OF EMPLOYEES:	113 (31.12.2024)
PROJECT STATUS:	Engineering contract signed; The engineering/design phase is in progress.



# Faculty of Electrical Engineering, Computer Science and Informatics: construction of the new extension

INVESTMENT VALUE:	26.221.535,00 €
LOCATION:	Smetanova ulica, Maribor
NET FLOOR AREA:	13.115 m2
PROJECT DURATION:	05/2025 - 10/2028
NUMBER OF STUDENTS:	2.376 students (regular, part-time, and graduate students, as of 1. 10. 2024)
TOTAL NUMBER OF EMPLOYEES:	325 (31.12.2024)
PROJECT STATUS:	Engineering contract signed; The engineering/design phase is in progress.



# Faculty of Mechanical Engineering: construction of the new faculty building

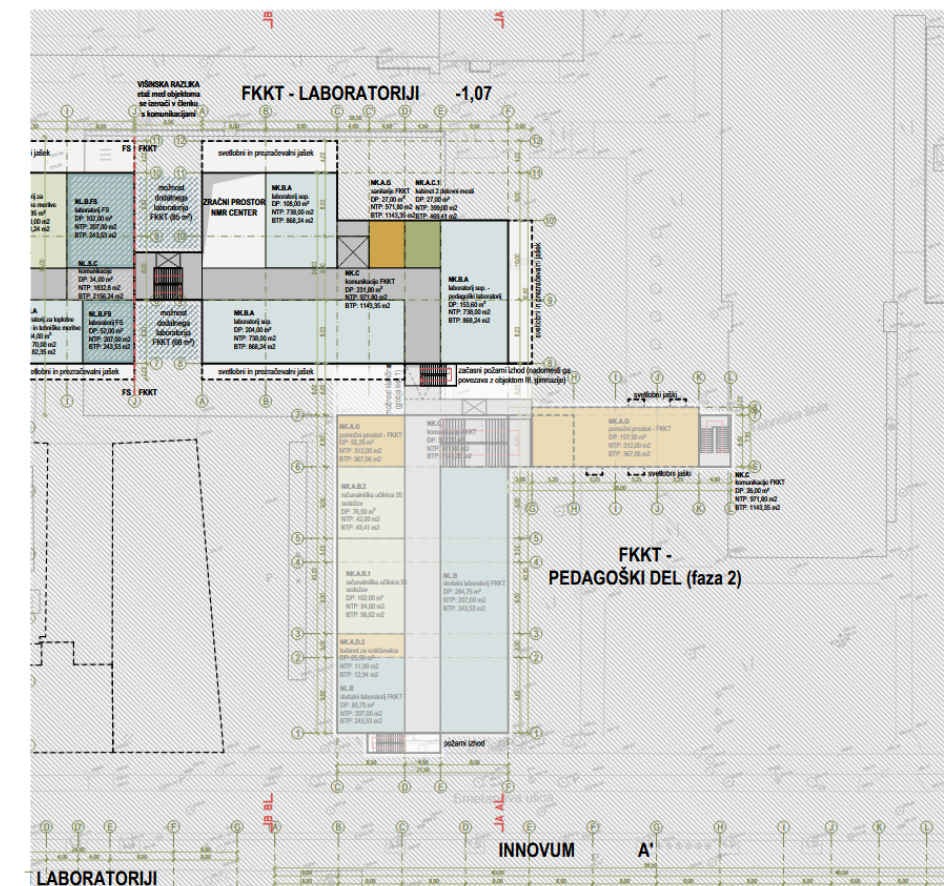
INVESTMENT VALUE:	35.361.891,00 €
LOCATION:	Smetanova ulica, Maribor
NET FLOOR AREA:	16.707 m2
PROJECT DURATION:	07/2025 - 03/2029
NUMBER OF STUDENTS:	968 students (regular, part-time, and graduate students, as of 1. 10. 2024)
TOTAL NUMBER OF EMPLOYEES:	196 (31.12.2024)
PROJECT STATUS:	<p>The architectural competition is in progress;</p> <p>The architectural competition is expected to be completed in December 2025.</p>





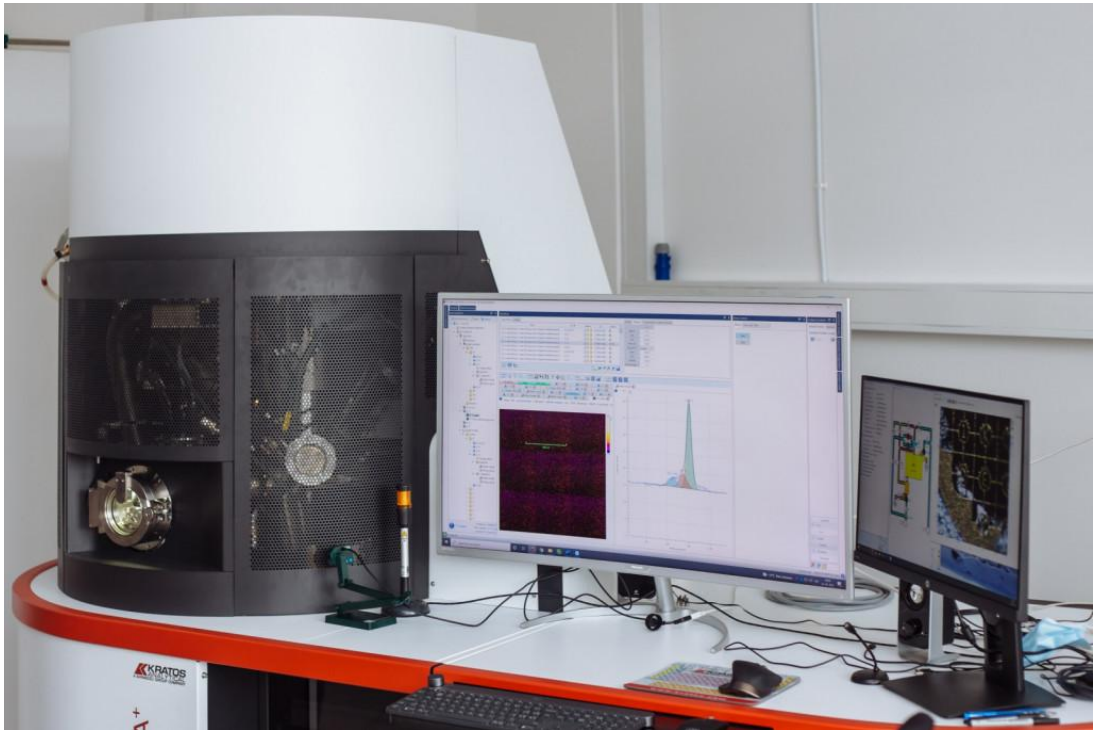
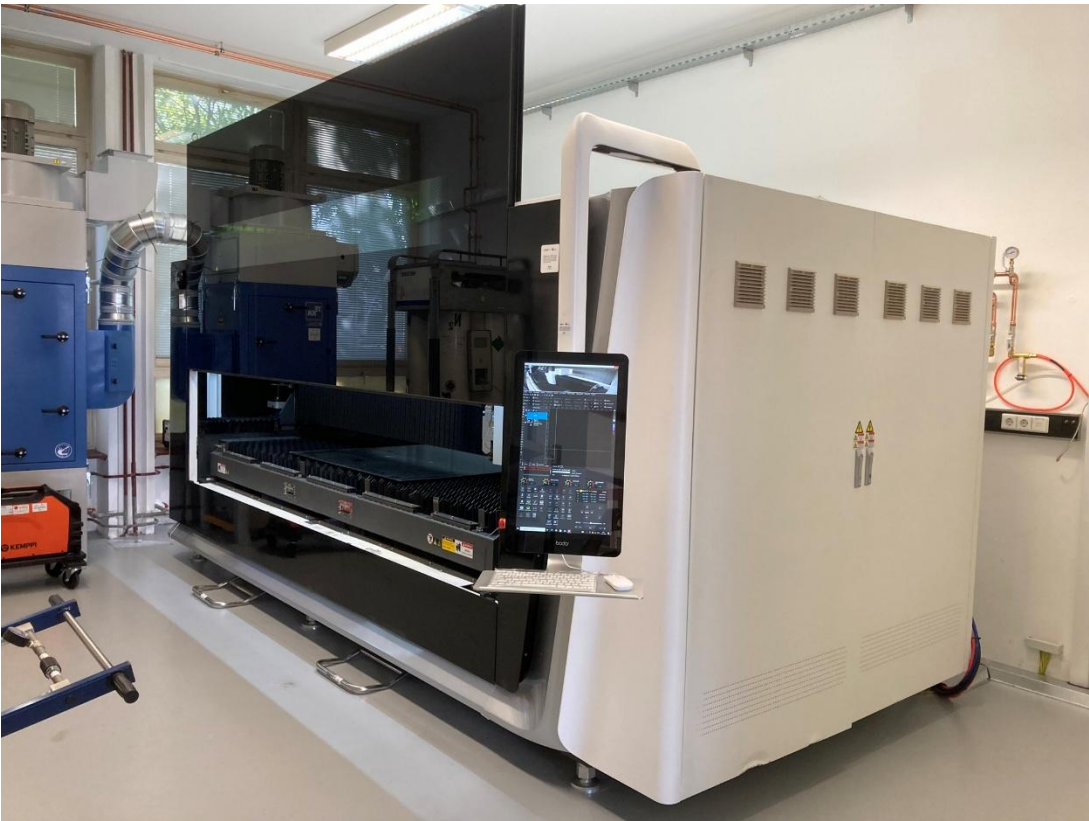
# Faculty of Chemistry and Chemical Engineering: construction of the new faculty building

INVESTMENT VALUE:	12.376.688,00 €
LOCATION:	Smetanova ulica, Maribor
CONSTRUCTION AREA:	4.062 m <sup>2</sup>
PROJECT DURATION:	07/2025 - 03/2029
NUMBER OF STUDENTS:	478 students (regular, part-time, and graduate students, as of 1. 10. 2024)
TOTAL NUMBER OF EMPLOYEES:	125 (31.12.2024)
PROJECT STATUS:	<p>The architectural competition is in progress;</p> <p>The architectural competition is expected to be completed in December 2025.</p>



# Purchase of state-of-the-art research equipment (RIUM 2)

INVESTMENT VALUE:	25.000.000,00 €
PROJECT DURATION:	09/2025 - 08/2028
PROJECT STATUS:	Preparation of the investment documentation is being finalized; Preparation of documentation in response to a call received from the Ministry of Higher Education, Science and Innovation.





# Thank you for your attention.



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