



# DO-IT

## Danube Open Innovative Technologies

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Vice-Rector at the University of Maribor

# DO-IT

Fostering a symbiotic relationship  
between research institutions, the economy,  
support institutions and local communities  
through open innovations and technologies

# DO-IT

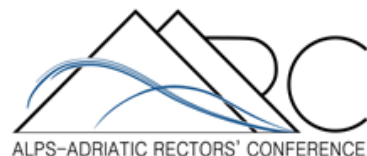
applying for  
Flagship Project Label within Priority Area 7



# DO-IT

supported by

Alps-Adriatic  
Rectors' Conference



Danube Rectors'  
Conference



# DANUBE REGION

threats

- Disparities in eastern and western part
- Low innovation potential
- Ageing population

# DANUBE REGION opportunities

- Better use of the potential for cross-border cooperation
- Networks of specialized R&D centres capable of distributing the innovations
- Attaining highly competent human resources

**Horizon 2020** ● Smart specialisation on the priority area „Health, Demographic Change and Wellbeing“.

**Europe 2020** ● A strategy for smart, sustainable and inclusive growth

**KET** ● Key Enabling Technologies: encouraging the development of innovative products



- PA7 Knowledge Society through excellent research
- PA8 Competitiveness through knowledge transfer activities
- PA9 People & Skills through training R&D human resources
- PA10 Institutional Capacity through inclusion of local communities and regional authorities



UNIVERSITY  
OF MARIBOR

GRAZ  
UNIVERSITY OF  
TECHNOLOGY

# MANAGEMENT BOARD

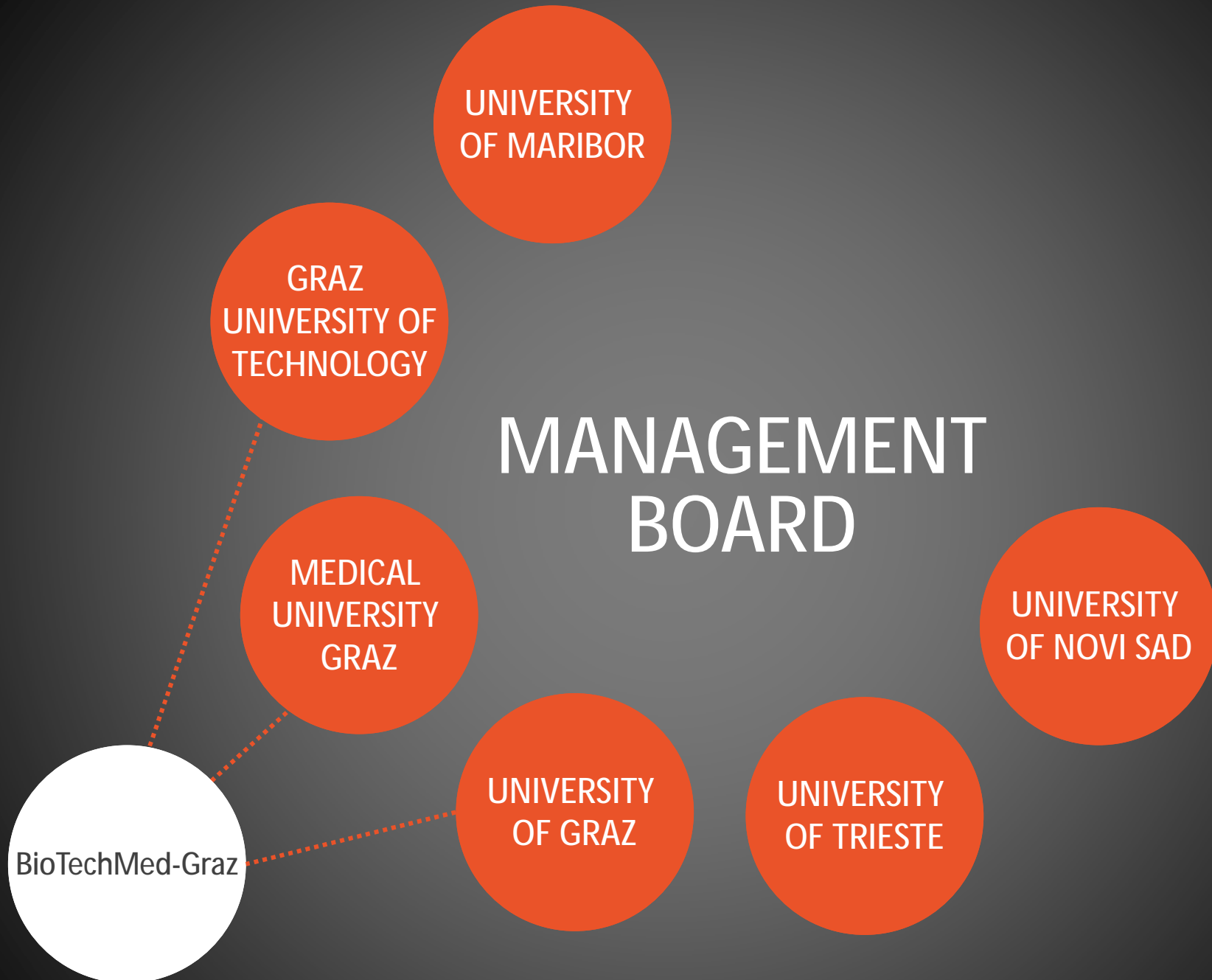
MEDICAL  
UNIVERSITY  
GRAZ

UNIVERSITY  
OF NOVI SAD

UNIVERSITY  
OF GRAZ

UNIVERSITY  
OF TRIESTE

BioTechMed-Graz



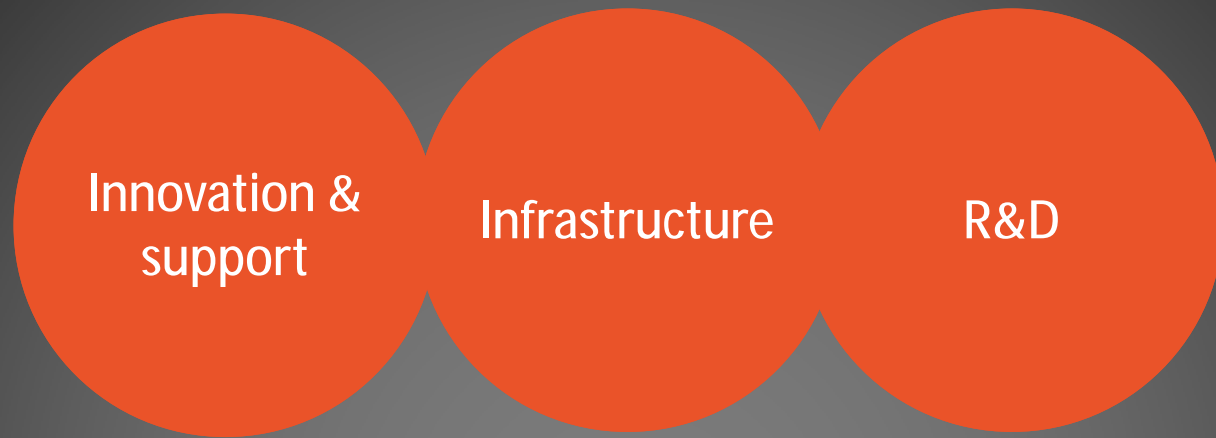
# KEY PARTNERS AT REGIONAL LEVEL

KNOWLEDGE  
INSTITUTIONS

COMPANIES

SUPPORT  
INSTITUTIONS

LOCAL  
COMMUNITIES



## KEY ELEMENTS OF THE DO-IT PROGRAMME





Innovation &  
support

Infrastructure

R&D

## Establishing innovation support and IOT entry points („one-stop-shop“)

Facilitating contacts with relevant R&D partners

Promoting innovation and knowledge/technology transfer

Entrepreneurship – promotion, consulting and startup incubation

Internationalisation

Assisting local communities and attracting investors

Partnership in PA8 Flagship project Danube Transfer Centre coordinated by  
Steinbeis-Europa-Zentrum

Access to results and development in accordance with the „Demola  
principle“



Steinbeis Europa Zentrum -  
coordinator of pilot initiative:

## Danube Transfer Centres (DTCs)

- PA8 Flagship
- 12 organizations in 8 Danube countries





University of Novi Sad- part of DTC since June 2012



University of Maribor - part of DTC since June 2014

Suitable for DTC member due to:

- clearly defined R&D strategy
- umbrella project IOT@UM (Innovative Open Technologies) includes priorities in innovation and technology transfer
- systematic scan of structural funds and other EU funding programmes

# DEMOLA

**Demola  
Tampere**



**Demola  
Vilnius**



**Demola  
Budapest**



**Demola  
Oulu**



**Demola  
East Sweden**



**Demola  
South  
Sweden**



**Demola  
Maribor**



**Demola  
Latvia**



**Demola  
Basque Country  
Autumn 2014**

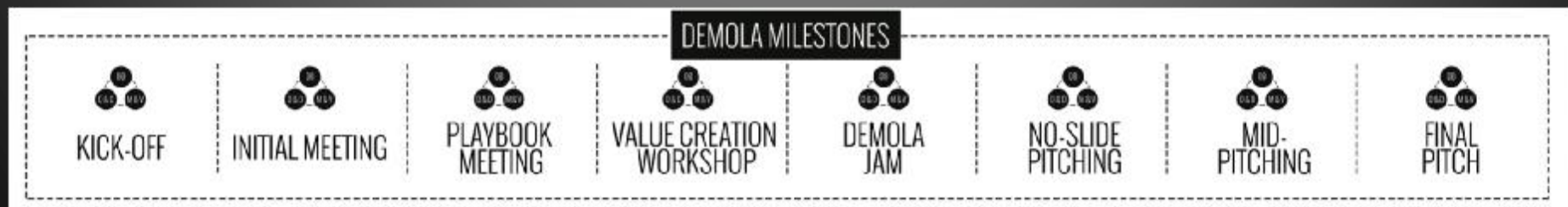


# DEMOLA IS A CATALYST OF PRACTICAL UNIVERSITY-BUSINESS CO-CREATION

We connect talents into teams to create solutions  
for challenges with the project partners.



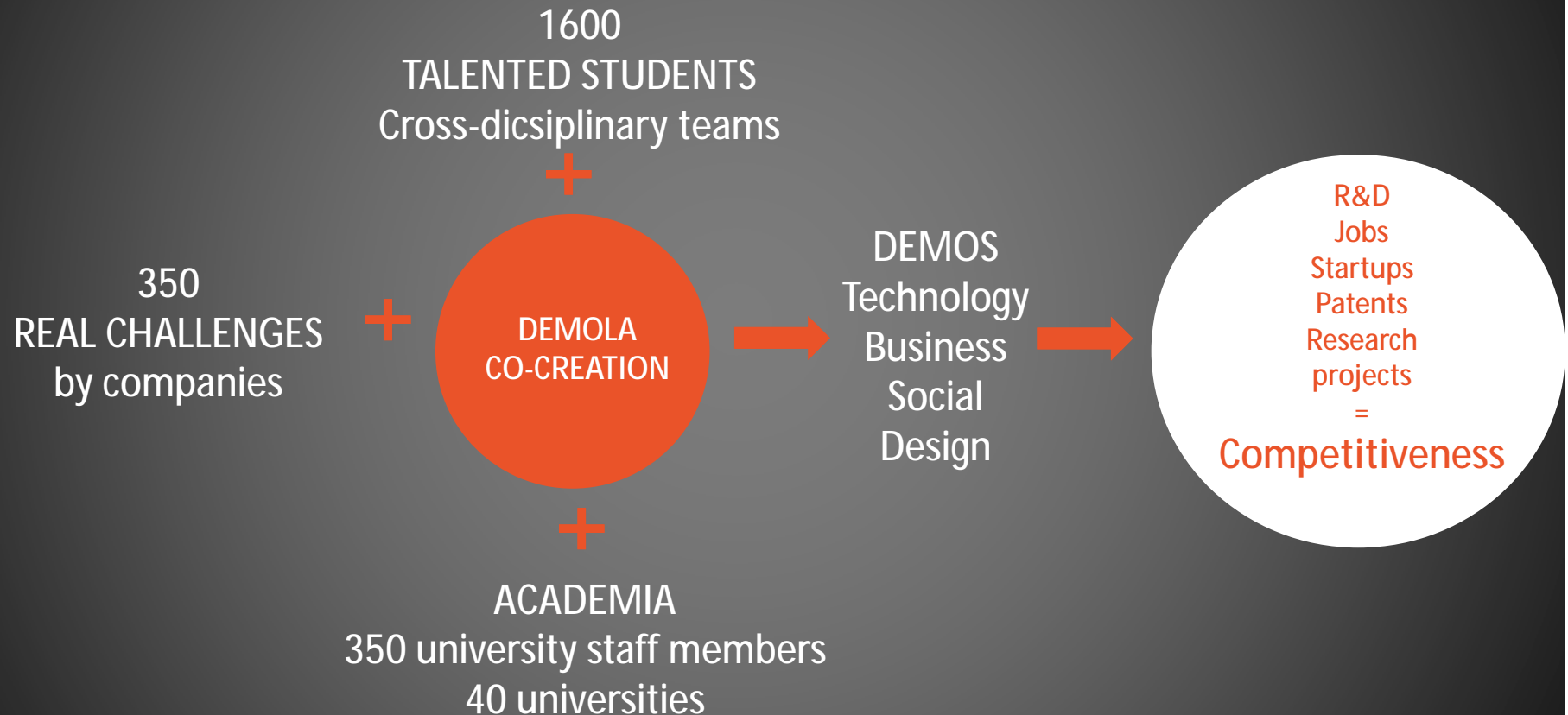
MULTIDISCIPLINARY TEAM





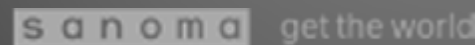
# OUR PLATFORM

## DEMOLA NETWORK 2014 TARGET IN FIGURES



DID YOU KNOW, THIS IS A PART OF DEGREE PROGRAMS?

# SOME OF OUR PARTNERS



# DEMOLA

SOUTH-EAST EUROPE

SLOVENIA

AUSTRIA

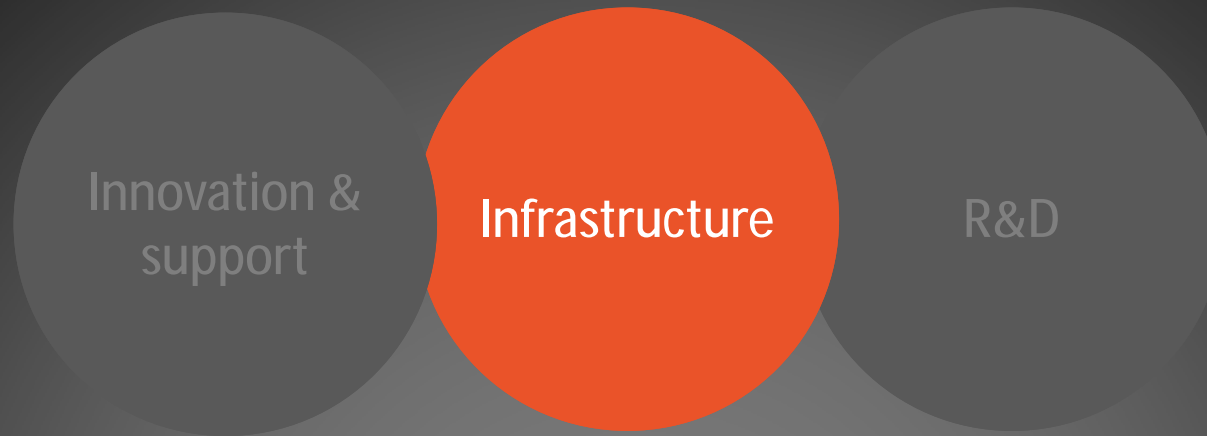
ITALY

SERBIA

CROATIA

+

+



## Establishing R&D regional infrastructures

R&D infrastructures in accordance with KET (Key Enabling Technologies):

- Advanced materials and technologies.
- Micro- and nano-electronics.
- Nanotechnology.
- Photonics.
- Industrial biotechnology.
- Information and communication technologies (ICT).

Horizontal relationship

Integrative method of work

Open access to knowledge



## R&D for the development of new higher value-added products and services

Connecting companies with R&D partners in the context of the lab centre in order to conduct: applied research, prototyping, testing in accordance with certified methods, development of products

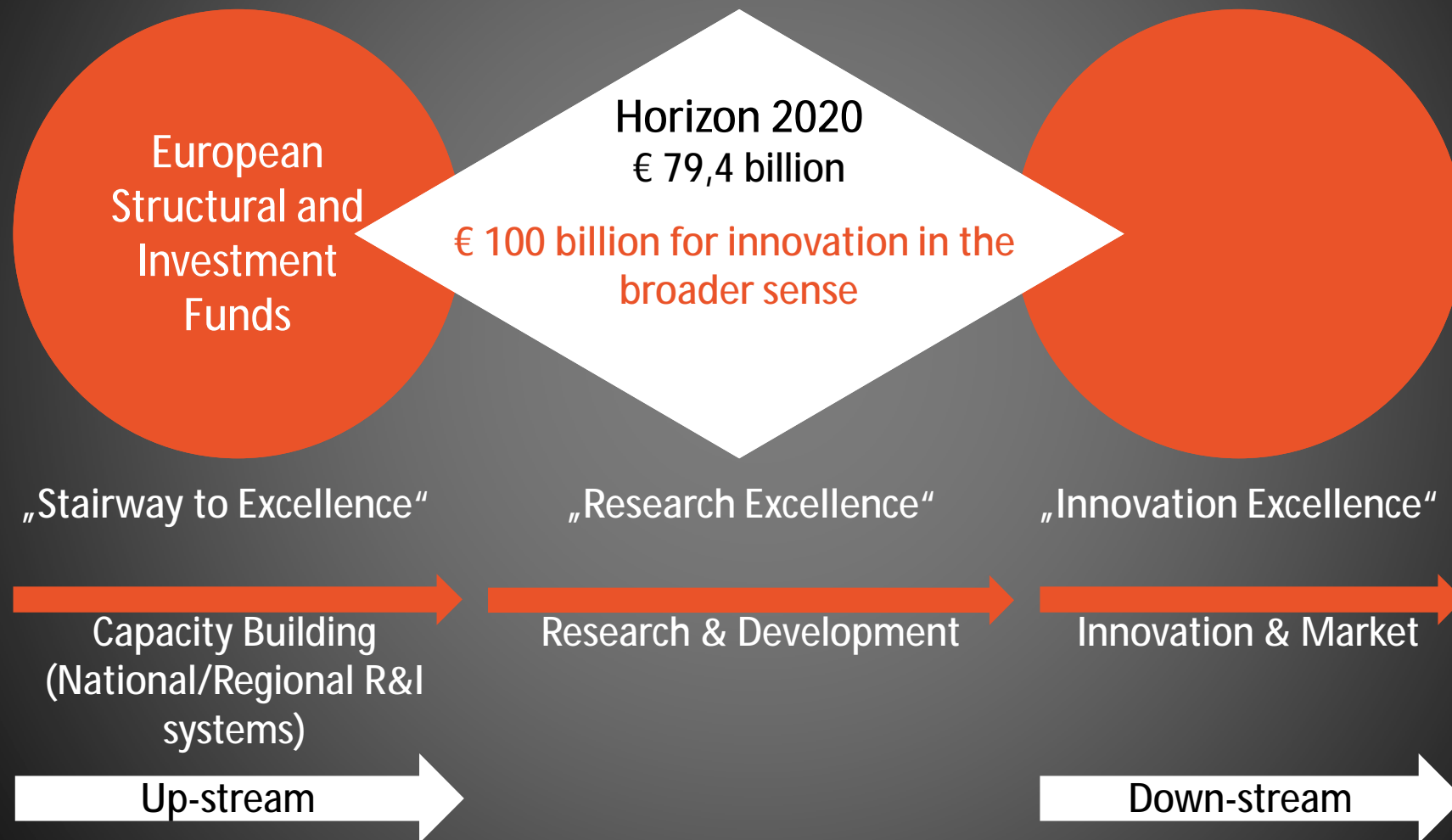
Joint purchase of R&D equipment and joint R&D projects

Smart specialization on „Health, demographic changes and wellbeing“

Training of R&D human resources

Participation of pupils, students and graduates in the innovation process

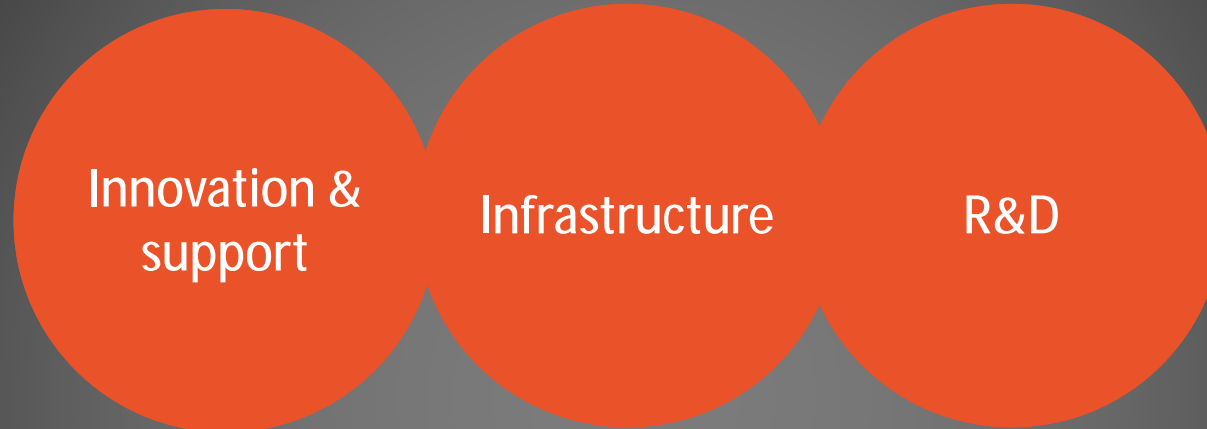
# COMPLEMENTARY FUNDING SOURCES



Source: Reppel K., DG REGIO: Synergies between European Structural and Investment Funds, Horizon2020 and other innovation-related EU Funds - What's in for the Danube region? S3 for DANUBE, Brussels, 3 April 2014.

## Budget estimation by DO-IT pillars

<b>Pillar 1: Innovation &amp; Support</b>	<b>11.250.000</b>
Establishing innovation support and IOT entry points	2.850.000
Promoting innovation and knowledge/technology transfer	2.000.000
Entrepreneurship – promotion, consulting and start-up incubation	2.000.000
Internationalisation	2.000.000
Assisting local communities and attracting investors	2.400.000
<b>Pillar 2: Infrastructure</b>	<b>47.000.000</b>
Establishing an R&D infrastructure network	47.000.000
<b>Pillar 3: R&amp;D</b>	<b>41.750.000</b>
R&D for the development of new higher value-added products and services	
Training programmes, mobility, staff development	3.050.000
R&D projects (Horizon 2020)	25.000.000
R&D projects (Erasmus+, Transnational projects and other initiatives)	12.500.000
Activities for including students and graduates in innovation process	1.200.000
<b>SUM</b>	<b>100.000.000</b>



ERDF  
Transnational  
programmes  
Cross-border  
programmes  
...

ERDF  
Cross-border  
programmes  
...

Horizon 2020  
ERDF, ESF  
Erasmus+  
...



# DO-IT

increasing the number of high-tech companies and the competitiveness of SMEs in the region + creating new jobs with high added value and preventing brain drain ® inclusive, sustainable, smart Danube innovation cosystem

## CONTACT

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Univerza v Mariboru