

# AI Working Group in the Danube Region SZOMBATHELY2030 Local strategy

From partner identification through strategy to pilot actions



10th March 2022-online  
AI Transnational Roundtable  
CEUP 2030 project

# Background of the Danube Region Strategy

## One Strategy – 12 Priorities

The Danube Region Strategy addresses a wide range of issues; these are divided among **4 pillars** and **12 priority areas**. Each priority area is managed by two countries as Priority Area Coordinators (PACs). To find out more about the role of PACs, please see **Governance**. Read here the **Annual Progress Reports** for each Priority Area.



PA 1A  
Waterways Mobility



PA 1B  
Rail-Road-Air Mobility



PA 2  
Sustainable Energy



PA 3  
Culture & Tourism



PA 4  
Water Quality



PA 5  
Environmental Risks



PA 6  
Biodiversity, Landscapes and  
Air & Soil Quality



PA 7  
Knowledge Society



PA 8  
Competitiveness of  
Enterprises



PA 9  
People & Skills



PA 10  
Institutional Capacity &  
Cooperation



PA 11  
Security

WG – Innovation and Technology Transfer

WG – Digital Danube

WG – Female Entrepreneurship

WG – Artificial Intelligence

WG – Clusters and Regional Development

**Coordinated  
by PBN**

## Members of the AI WG\_ March 2022

- 9 countries,
- 19 organizations
- Constantly expanding

Country	Partner name	Website
AT	Austria Wirtschaftsservice	<a href="http://www.aws.at">www.aws.at</a>
AT	PROFACTOR GmbH	<a href="http://www.profactor.at">www.profactor.at</a>
AT	Business Upper Austria	<a href="http://www.biz-up.at">www.biz-up.at</a>
BG	Regional Agency for Entrepreneurship and Innovations – Varna	<a href="http://www.rapiv.org">www.rapiv.org</a>
BG	ICT Cluster Bulgaria	<a href="http://www.ictcluster.bg">www.ictcluster.bg</a>
CZ	CzechInvest	<a href="http://www.czechinvest.org">www.czechinvest.org</a>
DE	University of Applied Sciences Pforzheim	<a href="http://www.hs-pforzheim.de">www.hs-pforzheim.de</a>
HR	HAMAG-BICRO	<a href="http://en.hamagbicro.hr">en.hamagbicro.hr</a>
HU	Pannon Business Network	<a href="http://www.pbn.hu">www.pbn.hu</a>
MD	Comrat State University Regional Economic Development Institute	<a href="http://www.inno-center.md">www.inno-center.md</a>
MD	Ministry of Economy and Infrastructure Information and Communication Technologies	<a href="http://mei.gov.md">mei.gov.md</a>
RO	Digital Innovation Hub Oltenia	<a href="http://www.dih-oltenia.eu">www.dih-oltenia.eu</a>
RO	Software Imagination & Vision	<a href="http://www.simavi.ro">www.simavi.ro</a>
SI	Faculty of Information studies in Novo Mesto	<a href="http://www.fis.unm.si">www.fis.unm.si</a>
SI	Innovation Technology Cluster	<a href="http://itc-cluster.com">itc-cluster.com</a>
SI	University of Maribor	<a href="http://www.um.si">www.um.si</a>
SI	Pomurje Technology Park	<a href="http://www.p-tech.si">www.p-tech.si</a>
SI	TECOS: Slovenian Tool and die Development Center	<a href="http://www.tecos.si">www.tecos.si</a>
SI	Styrian Technology Park	<a href="http://www.stp.si">www.stp.si</a>

## Main objective of the AI WG

- to foster the application of AI in the Danube Region in the key application areas using different kind of technologies
- addressing different types of representatives throughout the Danube Region who might collaborate and learn/experience good practices from each other in the AI topic
- bring together organisations and stakeholders whose main goal is to enable and foster technology development and innovation
- preparation of white papers regarding AI enhancement in the Danube Region



# Elaboration of White Paper

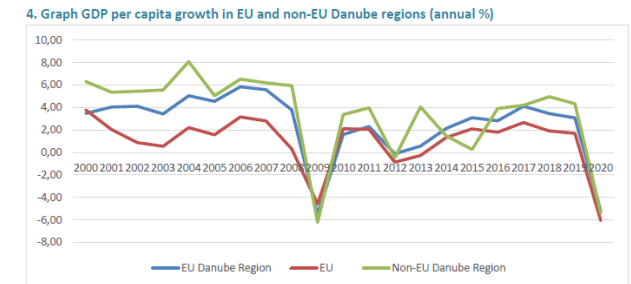
1st version → 2019 April

2nd, updated version → 2021 December

[https://competitiveness.danube-region.eu/wp-content/uploads/sites/4/sites/4/2022/01/Danube\\_Region\\_Artificial\\_Intelligence\\_2021-December\\_fv\\_-with-correct-layout.pdf](https://competitiveness.danube-region.eu/wp-content/uploads/sites/4/sites/4/2022/01/Danube_Region_Artificial_Intelligence_2021-December_fv_-with-correct-layout.pdf)

Detailed analysis prepared about the artificial intelligence application areas in the Danube region

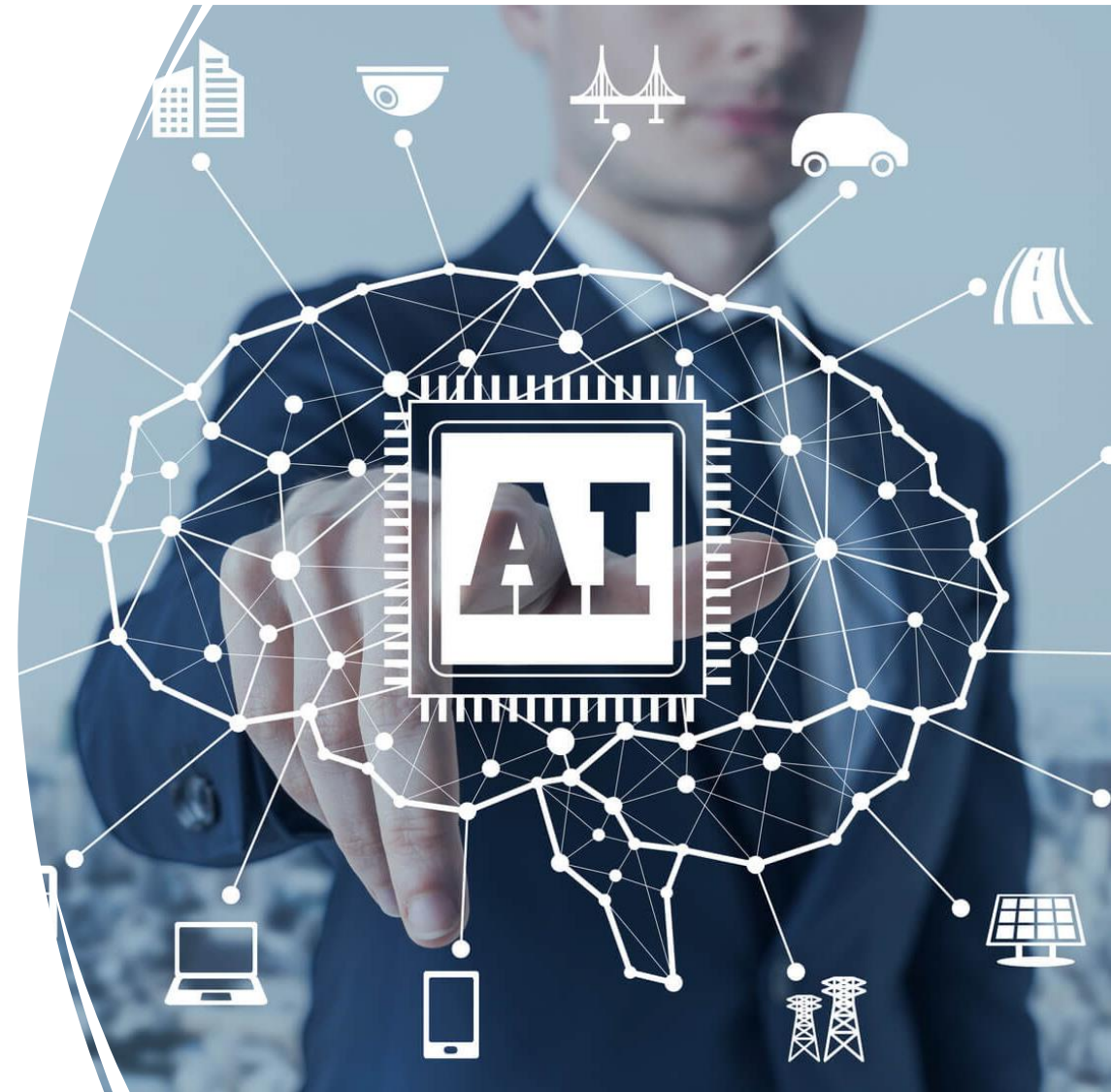
1. Definitions and FAQ in connection with AI
2. Policy and strategic background for AI and the Danube Region
3. Economy and Innovation in the Danube Region
4. AI- related R&D&I in the Danube Region
5. Perspectives for AI-supported economic development in the Danube Region



Source: World Bank Development Indicators

## Planned next steps in the AI WG group

1. Elaboration of Danube Interreg Europe proposal on AI for SMEs
2. Danube Strategy Action Plan flagship initiative - Action 5: Enhance the application of Artificial Intelligence (AI) technologies in the Danube Region SMEs.
3. Managing relations and update of information for WG members



# Local Strategy with AI-relevance

## Industrial digitalization

supporting the transformation of the automotive industry that characterizes the region's economy, encouraging the emergence of the health industry,

while focusing on the fields of robotization, automation and artificial intelligence,

relying on domestic and foreign start-ups and large companies

## Complex rehabilitation

an internationally unique development and test environment, ranging from households to senior homes and thermal baths to virtual hospital infrastructure,

especially for sports, stroke and musculoskeletal rehabilitation



# 2 years of joint program development





# Flagship Projects of SZOMBATHELY2030

25.000 m<sup>2</sup>  
R & D center



R & D & I institutions	Test before invest environment	Skills development	Start-ups and FDI
Rehabilitation-focused <b>teaching &amp; research</b> centre	EIT Cross-KIC testing infrastructure	Accreditation of <b>new education</b> in rehabilitation	Science and Technology Park title
<b>Robotics and A.I.</b> centre establishment	Test lab for medical diagnostics	Launch of <b>international joint degree diploma</b>	Mapping of <b>rehabilitation manufacturers</b>
<b>Austrian, German</b> research institute co-operation	<b>Intelligent senior room/home</b> building	Start of <b>health-sector engineer education</b>	Screening of <b>rehabilitation cream producers</b>
<b>US ecosystem</b> development cooperation	Involvement of <b>senior households &amp; elderly homes</b>	<b>Vocational training</b> re-orientation	Involvement of <b>relevant venture funds</b>
Launching individual <b>R &amp; D projects</b>	Mobilization of <b>thermal / tourism operators</b>	<b>Digital Health Twinning</b> Programme	Facilitating local <b>start-ups and companies</b>

# Dedicatedly working together.

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