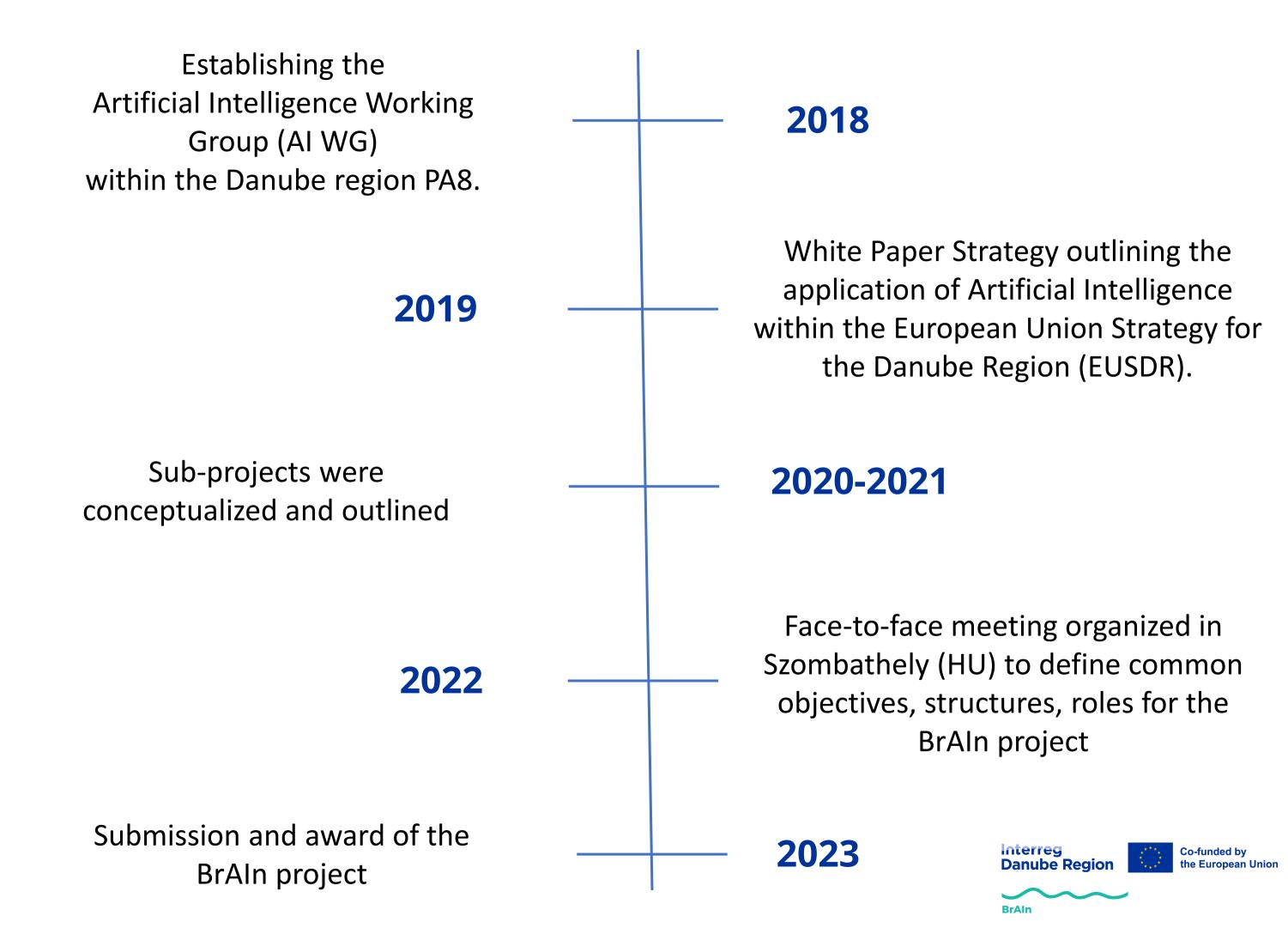


BrAIn

BRinging Artificial INtelligence towards SMEs





















DANUBE STRATEGY FLAGSHIP

This certificate is proudly awarded to

BRinging Artificial INtelligence towards SMEs (BrAIn)

Danube Strategy Flagships are projects or processes that contribute to the implementation of the EU Strategy for the Danube Region (EUSDR), have a clear macro-regional dimension and a multi-level governance approach. They are of high importance for the Danube Region's economic, social and territorial cohesion and for improving the quality of life in the Danube Region.

Danube Strategy Flagships strengthen internal and external communication of the Strategy and the visibility of the topics, initiatives and prospects in the Danube Region. They illustrate the progress achieved in implementing the EUSDR and demonstrate exemplarily significant improvement in the Region that is induced by cooperation.

EUSDR National Coordinators and Priority Area Coordinators with the respective Steering Groups, in their capacity as representatives and key implementers of the EUSDR, as well as the Danube Strategy Point, are committed to contribute to and promote Danube Strategy Flagships in accordance with the Guidance Paper for identifying and listing Danube Strategy Flagships.



What Do Aim For?

Familiarizing SMEs with the relevance and potential of Al

Al and i5.0 skills in specific sectors

agri-food, manufacturing and health

Pre-defined challenges

energy shortage, labor force shortage and raw material shortage

Pre-defined demo cases

• in the 3 specific sectors

Building on available knowledge and long-term cooperation

EUSDR PA 8 AI WG

Exchange of knowledge

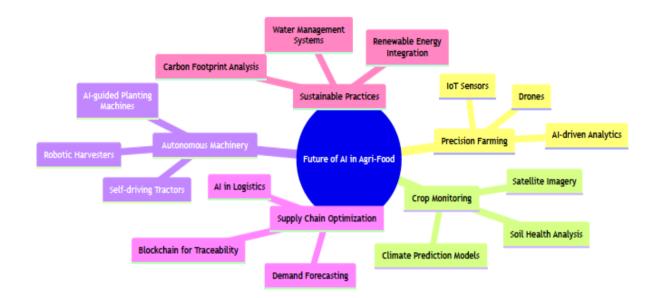
staff, trainers and stakeholders



How Do We Do It?

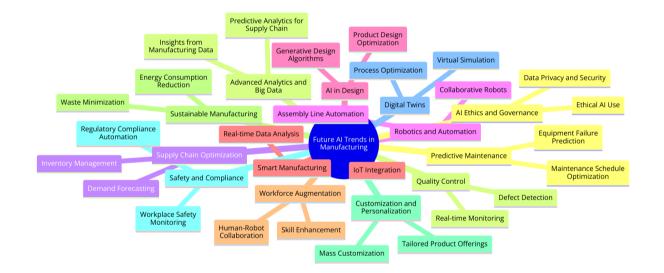






- Precision Agriculture
- Autonomous Machinery
 - Genetic Engineering
- Livestock Management
- Supply Chain Optimisation

- Process Optimization
- Quality Control and Monitoring
- Predictive Maintenance
- Human-Robot Collaboration and Ergonomics



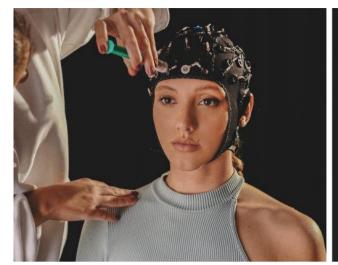
Stress Management Tools Medication Managemen Therapy Bots Virtual Health Assistants Treatment Customization Lifestyle Management **Predictive Analytics** Wearable Health Tech Continuous Monitoring Genetic Profiling Accelerated Research Readmission Rates Reduction Medical Imaging **Enhanced Diagnosis** Access to Care Expansion

- Enhanced Diagnostics
- Advancements in Image-Based Specialties
- Precision Medicine Development
- Robotic Surgery and Al-powered Devices

How Do We Do It?

SCHOOL OF ELECTRICAL ENGINEERING

- EEG for emotion detection
- Industry5.0 application
- Human-Robot collaboration





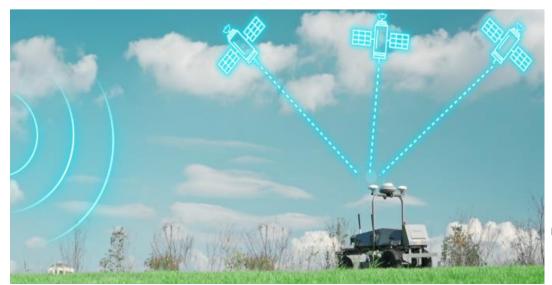






- Humanoid
- Application in Healthcare
- Human-Robot collaboration
- Generative Al solutions

- Drone mobile robot integration
- Weed, crop health detection
- Optimalization of resources

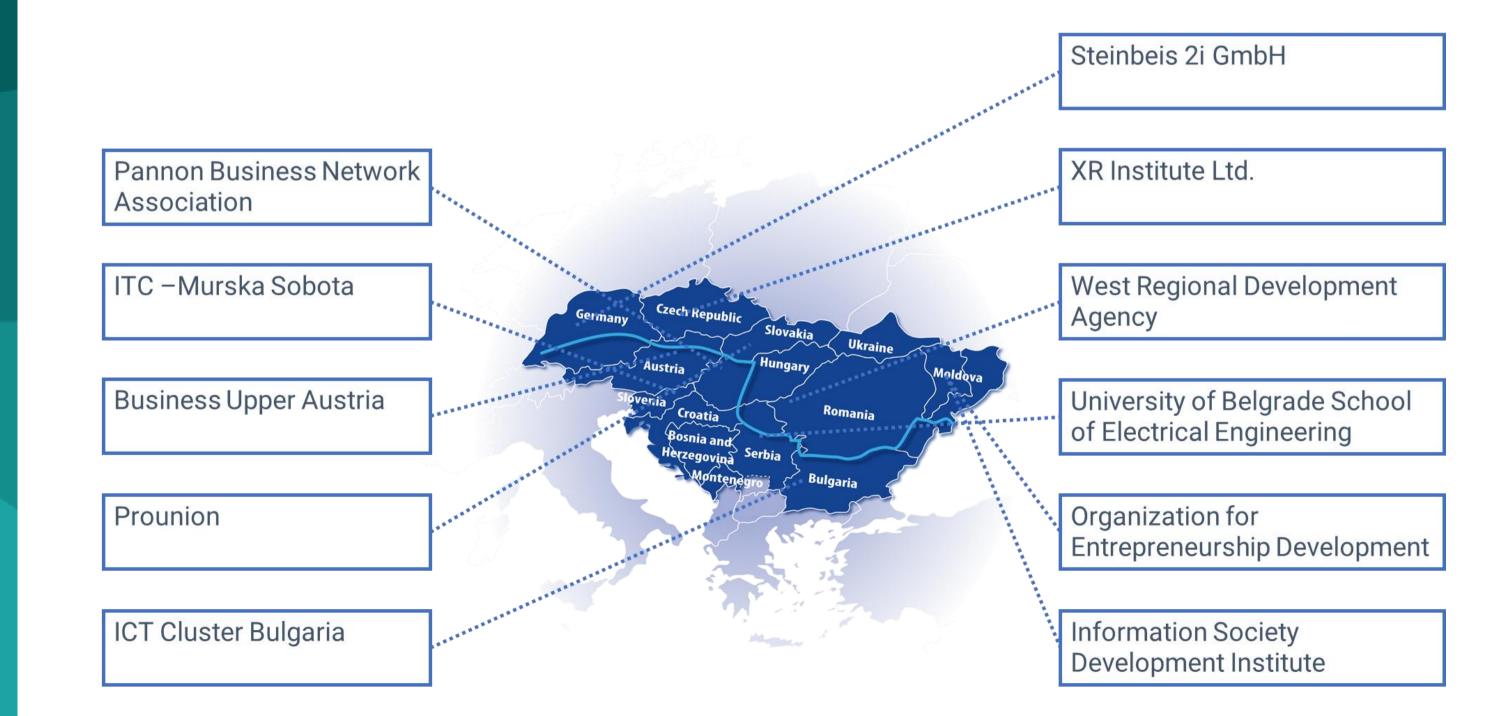




What Is Next?



- Staff Exchange
- Train the Trainers
- Local Seminars
- Platform for Dissemination
- Involvement in Other Projects
- Generation of Further Actions



Further relevant projects



Enabling SMARTer, CIRCUlar digITal innovation hubs to enhance manufacturing eco-system for a greener & more competitive future

Smart and Circular Manufacturing



Boosting innovation, smart specialization and encouraging Spinoffs in IT across the Danube Region

S3, innovation and IT spin-offs



Boosting digital and industrial capacity for sustainable circular transition of women entrepreneurs

Circularity and Digital for Female Entrepreneurs



Innovation as a Service for accelerated innovation and industrial transition in industrial rural and remote areas with low innovation capacity

Innovation as a Service in rural areas



Optimizing usage of new technologies in rehabilitation to improve life quality of Central Europe inhabitants

New Technologies in Rehabilitation



Liveable Rural Communities in the Future - A new integrated governance model for managing the depopulation of rural areas

Integrated
Governance of Rural
Areas



Danubians Cradle-to-Cradle Architecture and construction processes

Cradle-to-Cradle
Architecture

Thank you for your attention.

https://interreg-danube.eu/projects/brain

Balázs Barta

barta@pbn.hu

+36 309 150 340

Győr, 9027

Gesztenyefa utca 4.

Renáta Csabai

Renata.Csabai@pbn.hu

+36 94 505 100

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