# Pannon Business Network

#### Aiming at Sustainable Impact Beyond Organizational Limit

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Western Hungary Advanced Management & **Technologies** Added value Focus on holistic competitiveness Integration Multidisciplinary team – engineers, economist, doctors In-house competency Own technical equipment, full-time employees



### ROBOTICS

Collaborative robotics Mobile robotics Drone Industrial robotics

#### EXTENDED REALITY

3D Animation AR applications Maintenance & Service functions

#### DATA SCIENCE/AI

ML/AI algorithms Segmentation/Classification Data access and visualization

#### **3D** Technologies

3Dprinting 3Dscanning, reverse engineering Prototype development



30 staff members 450+ international partners 75+ international R&D, partnership projects No1 Digital Innovation Hub in Europe - 2020



CertUnion

ISO 9001 🗸



# Motivation for Co-operation – Impact Beyond Limits

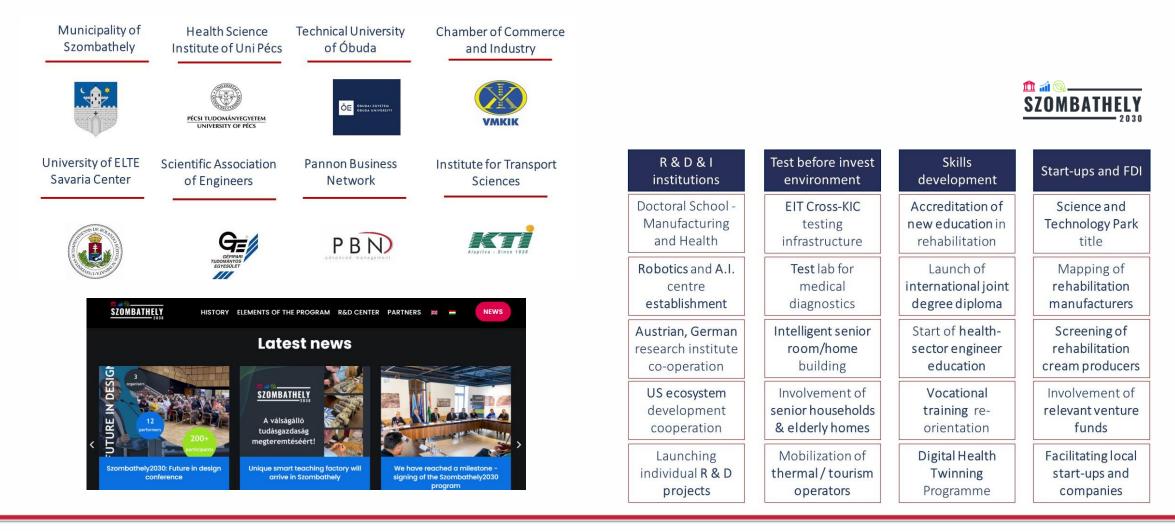








### Local Ecosystem Building - 10-year Strategy

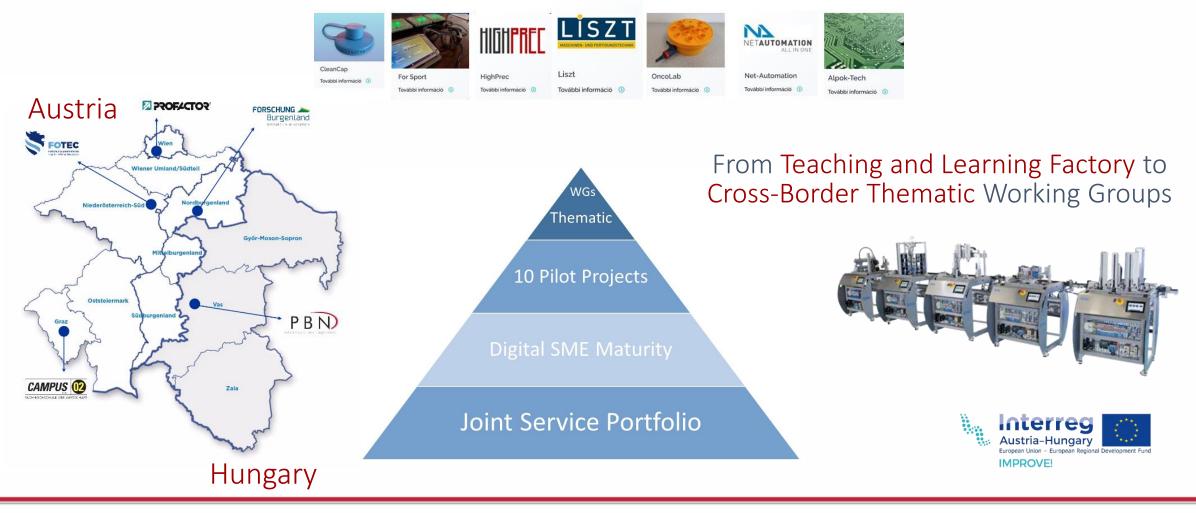








# International Ecosystem Building – Cross-Border DIH Network



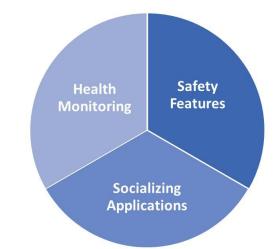


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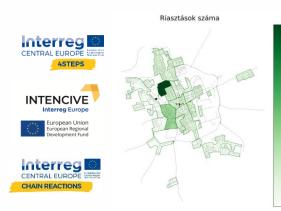


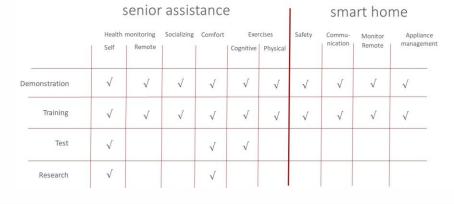
# Impacting beyond Manufacturing – Smart Care Digitalization

- 65+ population: 20% in 2020, 25% in 2030, 33% in 2045
- 25% can't leave his/her home at all
- 6% of the seniors move out daily
- 2% of dementia-affected are taken care by care system



#### Research and Training Facility for Care Products Development – robots, sensors, apps, data









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### Thank you for your attention.

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