



**AS TRANSFER
CITY PARTNER:**

TIMISOARA

CITY INFORMATION

Timisoara was named the European Capital of Culture and Cultural Heritage. It has over 330.000 inhabitant and has a strong automotive, sector and ICT cluster sectors.

The region is strong in embedded software, and has a cluster of firms that are cutting edge in software development for the automotive sector such as Hella or Conti. Electronics and engineering industry is strong too, thanks to investments from companies such as Flex, Bosch, ABB, AEM, ELBA or Ericsson

- Politehnica University and West University of Timisoara

Local Industry 4.0 ecosystems' challenges

- Public-private collaboration is almost non-existent
- There is an ageing population with shortage of skills
- Big salary gap between the public and private sector
- Bureaucratic education system → no room for improvement and therefore not attractive
- Not many locally-grown manufacturing firms → many are outdated
- Startups tend to leave the city due to lack of ICT companies
- Many multinationals that don't let space for local businesses
- Need to focus on highly qualified activity in AS and Industry 4.0, development in AI, sensors...
- Lack of ecosystem mediation

Industry 4.0 policy focus & actions

- **Incuboxx** → business incubator
- Regional Centre for Skills and Supplier Development in the Automotive Sector (**CERC**). (Learning by doing, Engage in strategic relations with university)
- Training in Industry 4.0 in the Politehnical **University of Timisoara**
- **ICT Regional Cluster** organization → promotes and supports regional ICT enterprises
- The Regional Centre for Innovation and Technology Transfer Association → connect companies with research
- "**Digital Innovation Hub**" programme → facilitate the digital transformation of the industry at regional level.

