

# The role of AI ecosystem in regional development

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@nsiipola #SmartTampere  
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# Smart Tampere Program

## Smart Tampere

*Strategic development program of City (2017-2021)*  
*Teppo Rantanen*

### Sustainable Tampere 2030

*"Carbon neutral Tampere 2030"*

*Kari Kankaala*



### Digitalisation Program

*"Digital services 2025"*

*Jarkko Oksala*



### Ecosystem Program

*"Platforms and ecosystems"*

*Seppo Haataja*



# Smart Tampere themes

**Renewable  
Industry**  
*Harri Ojala*

**Smart  
Mobility**  
*Jari Ikonen*

**Education &  
Research**  
*Seppo Haataja*

**Smart  
Buildings &  
Infra**  
*Pauli Välimäki*

**Smart  
Governance**  
*Mia Vaelma*

**AI & Analytics**  
*Niina Siipola*

**Connectivity**  
*Markku Niemi*

**Safety &  
Security**  
*Petri Nykänen*



# Purpose of Smart Tampere Ecosystem Program

- Help local companies in their renewal process
- Find new business opportunities for companies
- Promote Tampere as a attractive area of expertise
- Build networks/ecosystems and do match making between companies
- Offer city enviroment as platform for business development

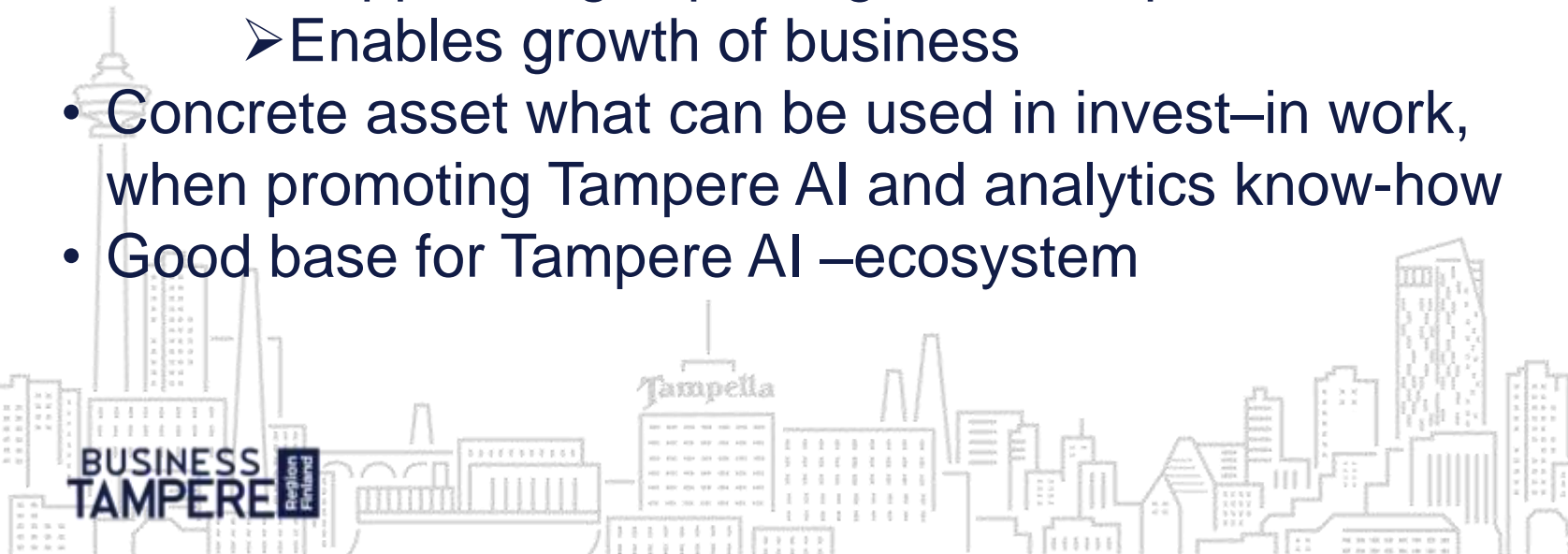
# AI and Analytics theme targets

- Produce awareness of the benefits of data collection, analytics and artificial intelligence (AI)
- Support the City of Tampere to utilize AI and analytics in planning, decision making and optimizing the operative efficiency
- Strengthen Tampere as an attractive AI knowhow center

*All trainings and other defined actions will be planned based on companies' needs, and will be produced in cooperation with professionals*

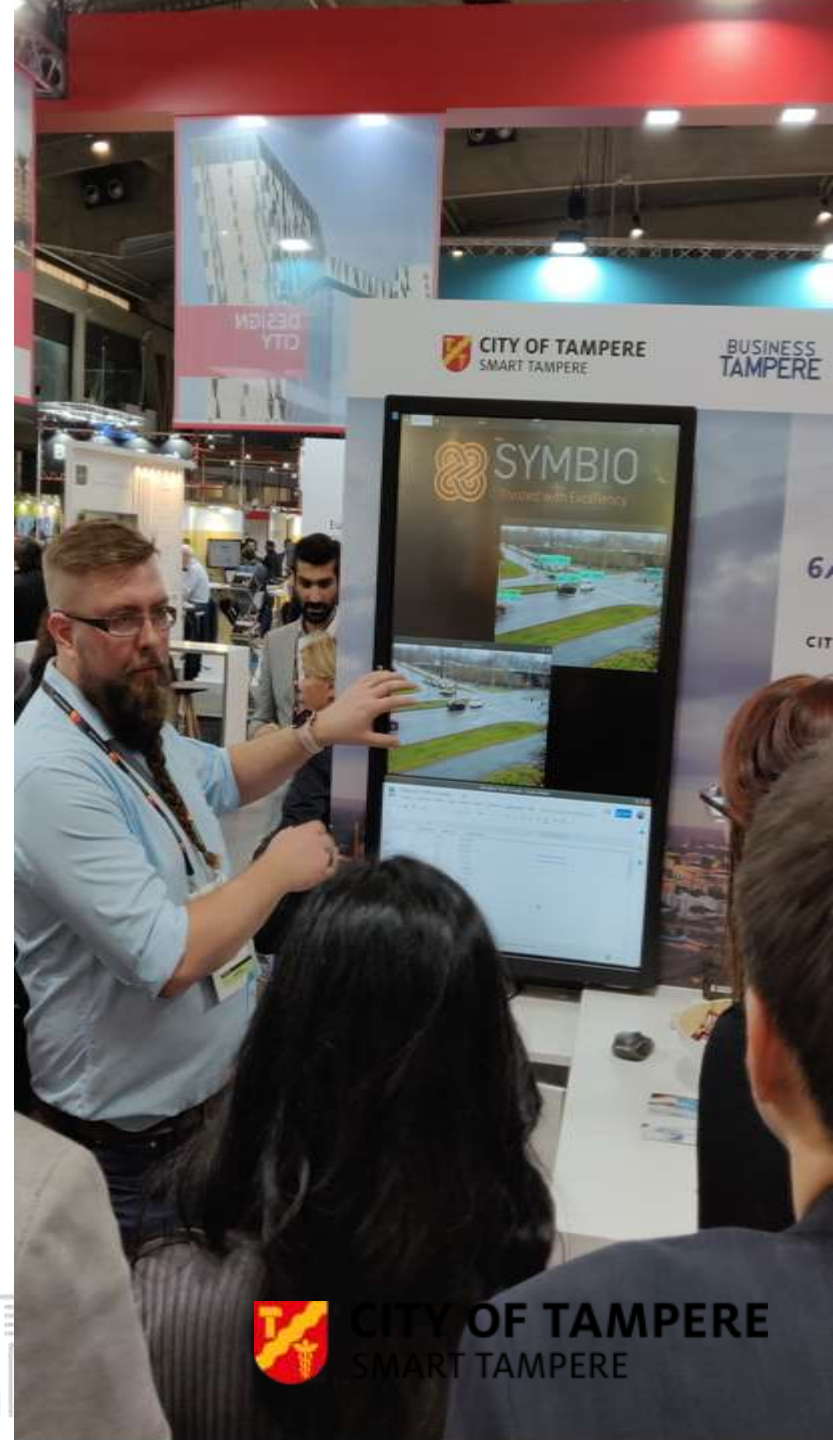
# AI Hub role in regional development

- Helps companies in renewal process by providing information of AI options
  - Improves solution definition and purchase process
  - Supports agile piloting before implementation
  - Enables growth of business
- Concrete asset what can be used in invest-in work, when promoting Tampere AI and analytics know-how
- Good base for Tampere AI –ecosystem



# Example

- Public transport, Scoda Transtech Oy and Tampereen Raitiotie Oy were looking for solutions to find out data how many people are in the car between two stops.
- Smart Tampere opened pitching competition for companies and two companies were selected to create proof of concept (PoC)
- Symbio was one of those, they were using Tensorflow to analyze amount of people in tram and bus stop.
- For company this was easy way to do piloting before productization decision
- After PoC we have been boosting their case e.g. in Smart City Expo in Barcelona



# Thank you!



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