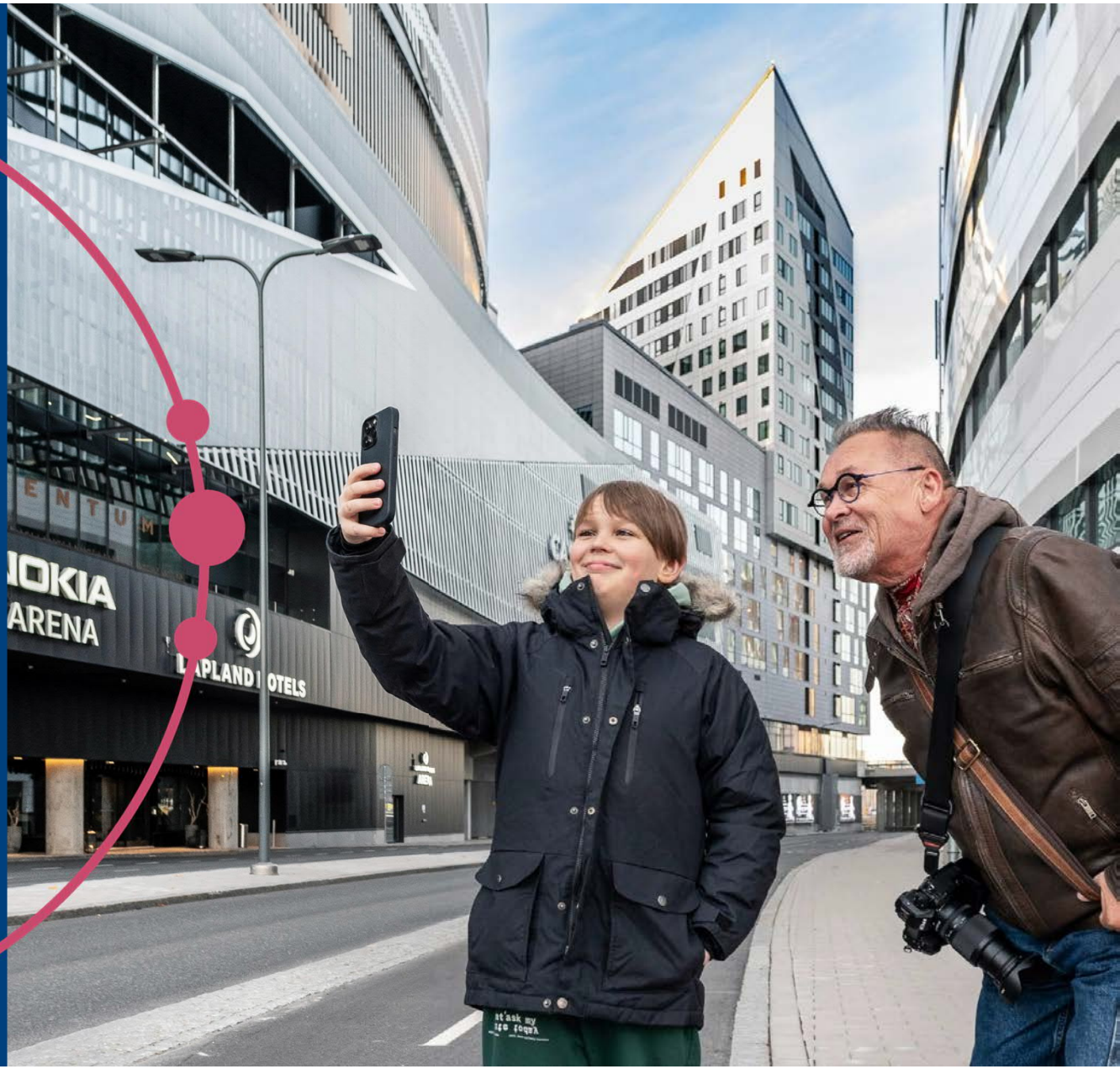
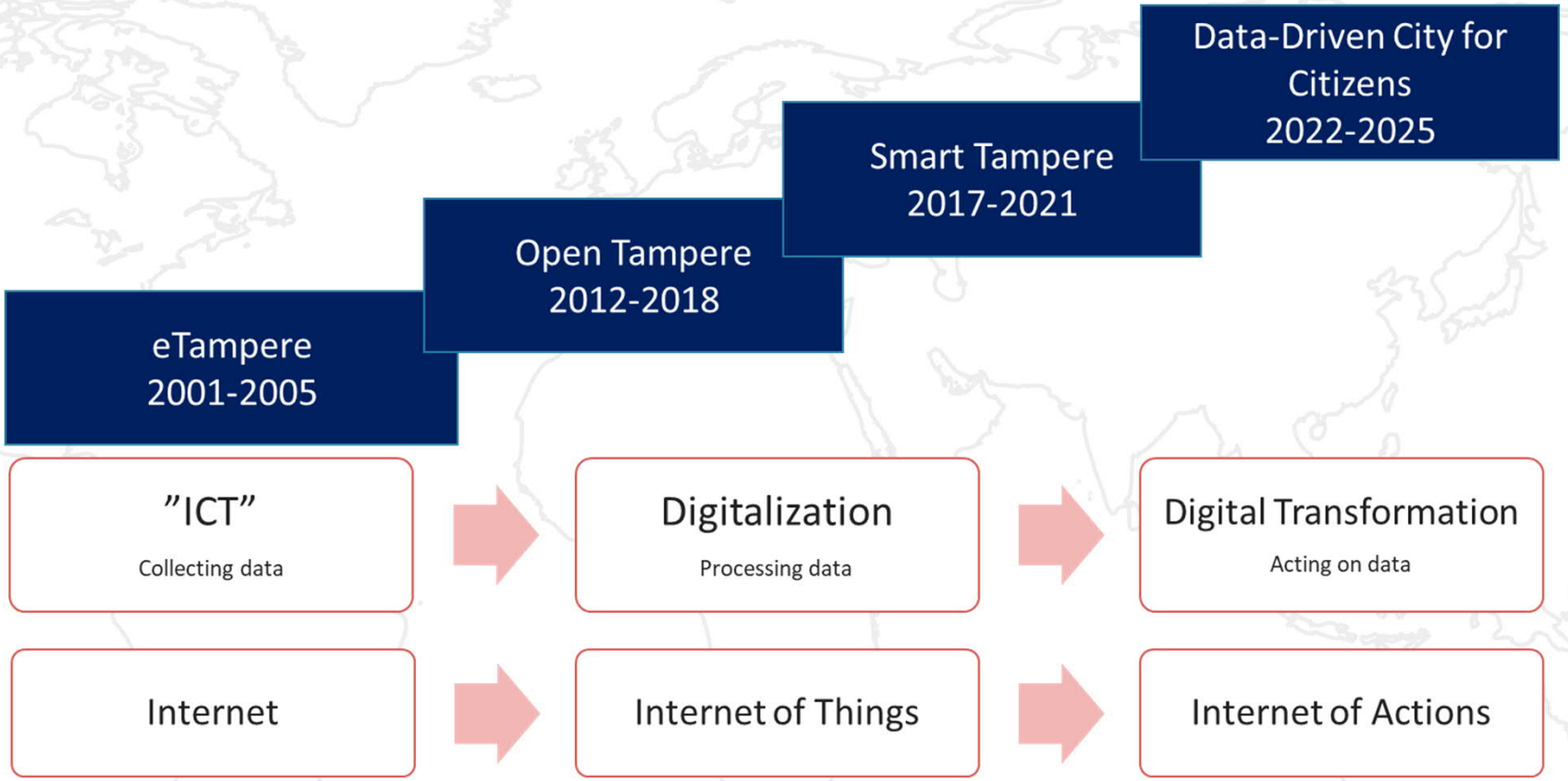
Smart & Sustainable Tampere



TAMPERE

The evolution of smart city development in Tampere



#SMARTTAMPERE

Topical questions

How can the City become an active player in the sustainable data economy – a smart partner for companies and universities?

How do we develop organizational competences to support data-based decision making and the data economy?

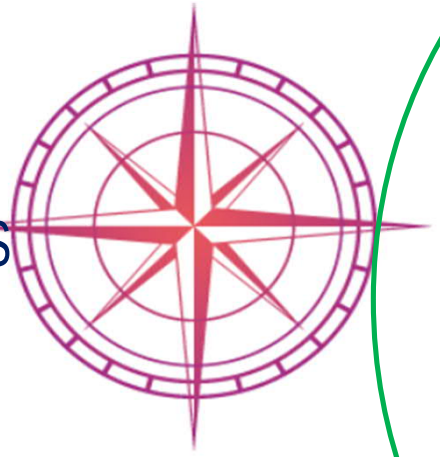
What is the City's role in building digital ecosystems eg. Metaverse? What will Metaverse enable?

TAMPERE

European Digital Compass

SKILLS

PUBLIC SERVICES



BUSINESS

INFRASTRUCTURE

Telecommunicationse

- 5G for all
- 1GBit/s for all

Semiconductors

- 2x EU production globally

Data – Edge computing10

Computing

- Quantum computer

Nokia Arena

- Multipurpose facility
  - 180-200 events / year
- Public and private sector collaboration
- Cutting edge technology by Nokia and Qualcomm: 5G/6G
- Living Lab concept for Experience economy innovations

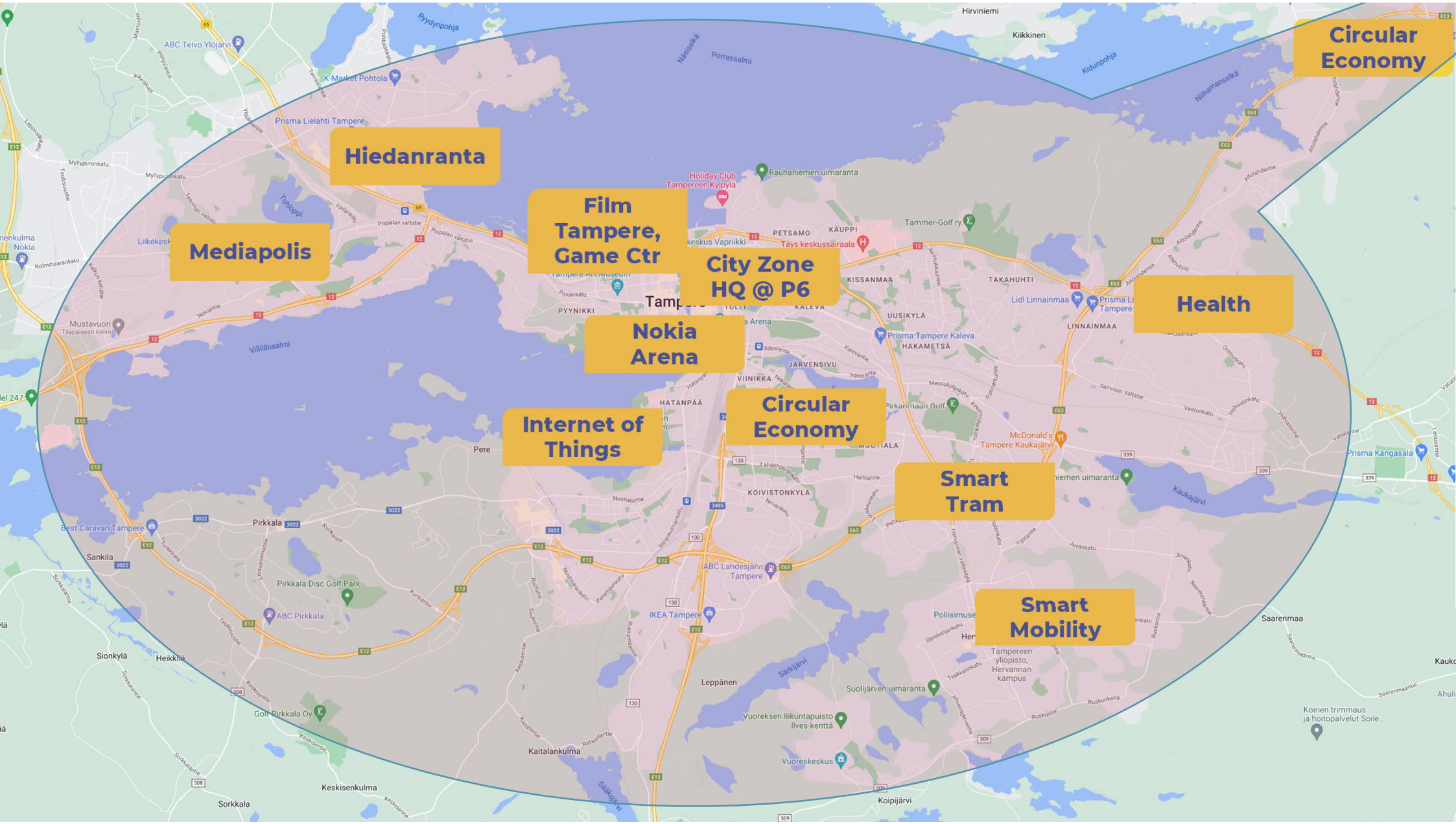
Hervanta Mobility Testbed

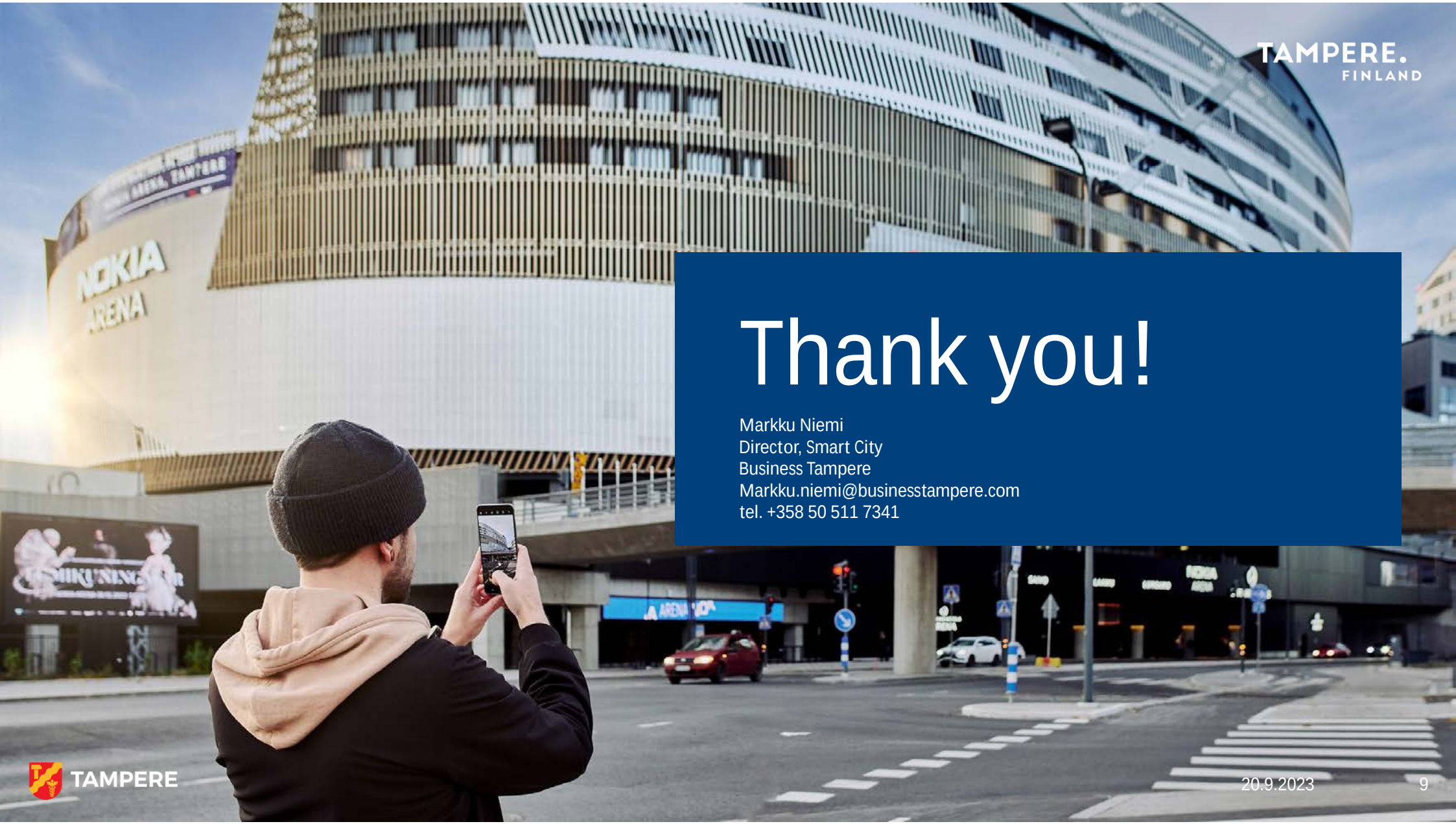
- 5G/6G technology
- Level 4 autonomous vehicles
- Part of city infrastructure
- Varied Nordic all weather conditions
- EU-programs integrated
- The largest concentration of mobile intelligent machinery R&D in Europe

IoT Testbed

- IoT data platform with toolkit to test and implement innovative smart city solutions
- Extensive open data sets
- Data controlled by the city
- From reactive to proactive e.g.
  - Predictive road maintenance
  - Adaptive street lighting
  - 40 initiatives → 10+ implemented solutions

BUSINESS TAMPERE


Circular Economy
Hiedanranta
Film Tampere, Game Ctr
Mediapolis
City Zone HQ @ P6
Health
Nokia Arena
Circular Economy
Internet of Things
Smart Tram
Smart Mobility



TAMPERE.
FINLAND

Thank you!

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