



ERTRAC roadmap on Urban mobility

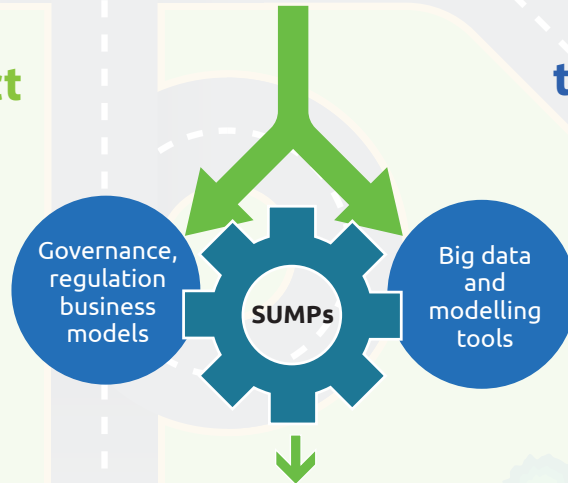


Which major challenges affect urban mobility?

- Air quality
- Carbon footprint (energy use)
- City dynamics
- Pressure on availability of space and congestion

Which major trends influence urban mobility?

- Demographic changes
- Sharing economy
- Digitalisation (including automation)



How to achieve sustainable urban mobility?

Urban mobility solutions and services to be prioritised for European research and innovation

MANAGEMENT



Management related solutions

- Demand management
- Integrated urban mobility and network management
- Integrating urban mobility within overall European transport chains

SERVICES



Service related solutions

- Integrated information
- Integrated payment
- Integrating urban freight and passenger mobility

INFRASTRUCTURE



Infrastructure

- Land use and transport interactions
- Smart interchanges
- Optimised use of infrastructures

MODAL SOLUTIONS



Modal solutions

- Clean fuels and vehicles
- Active and light travel modes

Urban mobility is vital to European society in providing access to services for passengers and goods and supporting economic growth. European cities face similar challenges and perceive similar trends. At the same time, transport demand continues to rise. To manage this increasing demand as well as tackle related societal challenges, a wide range of complementary mobility solutions and services adopting innovative user-centric, smart, multimodal and intermodal approaches, is required.

The new ERTRAC Integrated Urban Mobility roadmap identifies research priorities related to urban mobility and freight delivery with the aim to achieve a more convenient, competitive, sustainable and resource-efficient mobility system.