



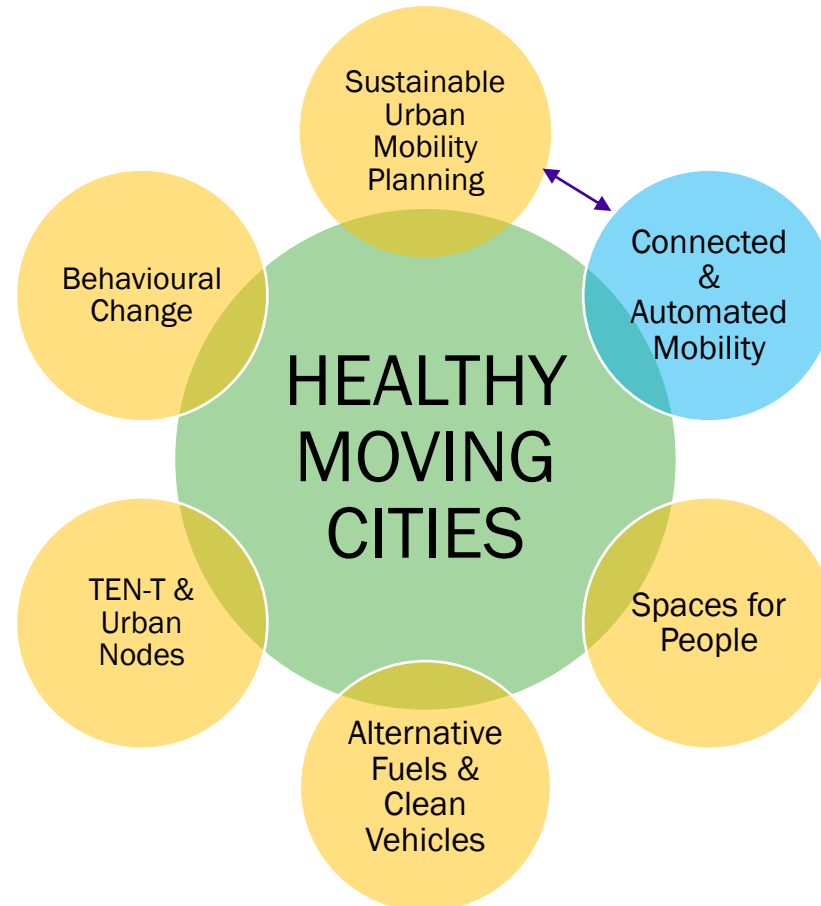
The SHOW project

Large-scale demonstration of AV fleets

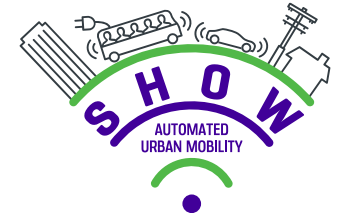
SHOW 1st Concertation Workshop
16.12.2020

Peter Staelens, EURO CITIES & Mihai Chirca, Transdev



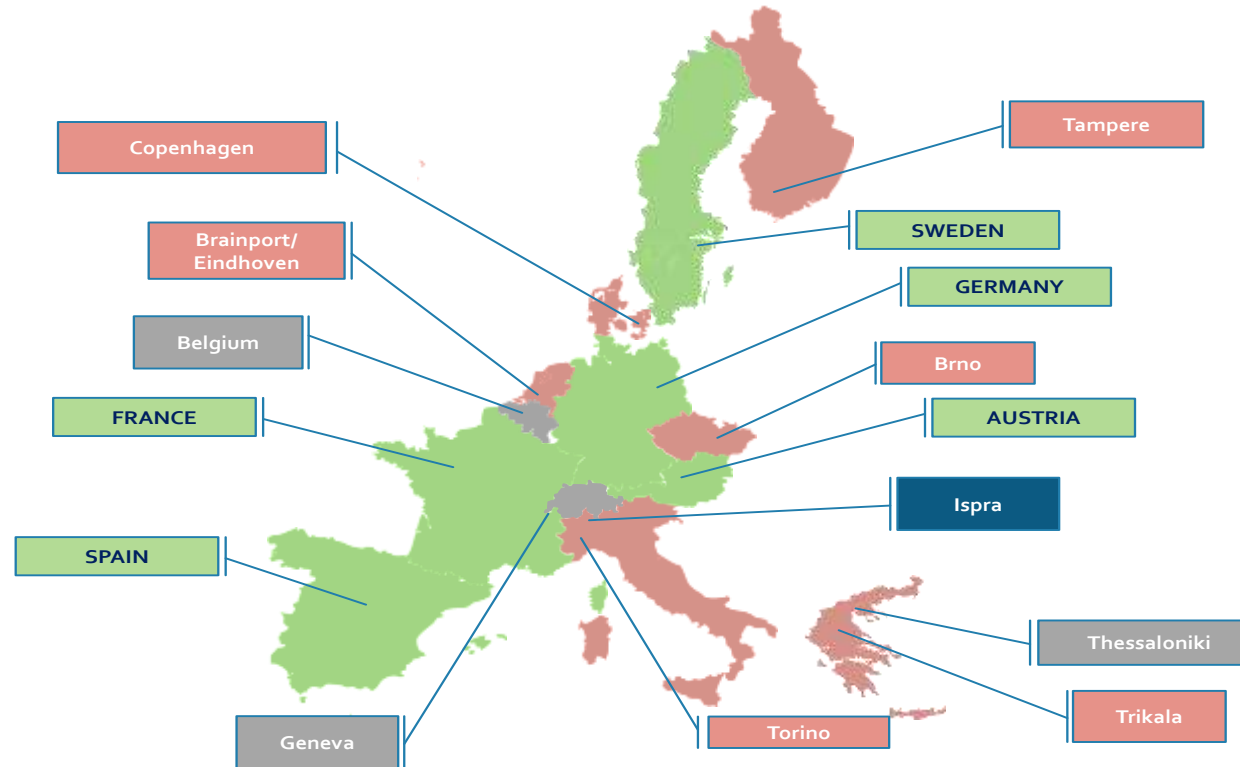


Use Cases in SHOW (selection)

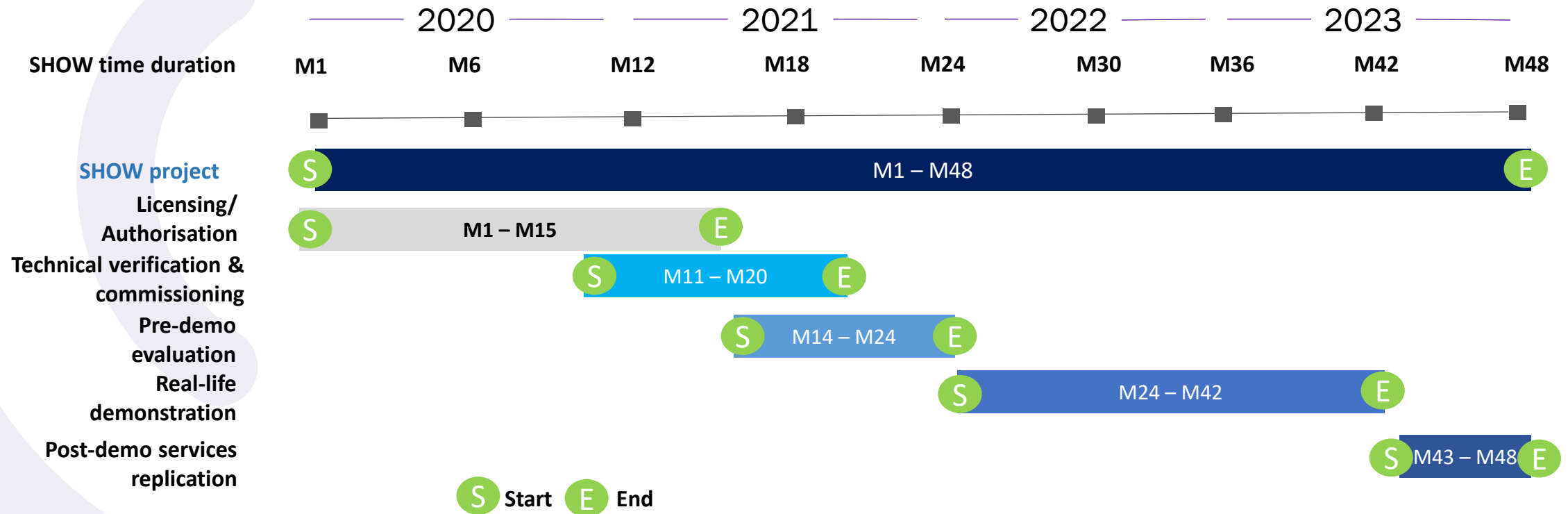
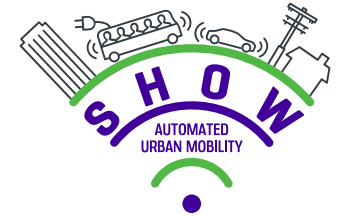


- Automated mobility in cities
 - Under normal / complex traffic & environmental conditions
 - Interfaces with road users incl. VRU
 - Connection to Operation Centre for tele-operation and remote supervision
 - Platooning
- Automated mixed mobility in cities
- Added-value services
 - Big data/AI based services for passengers & cargo
 - Automated parking
 - Depot management

SHOW demos



Demonstration Plan



Challenges in SHOW

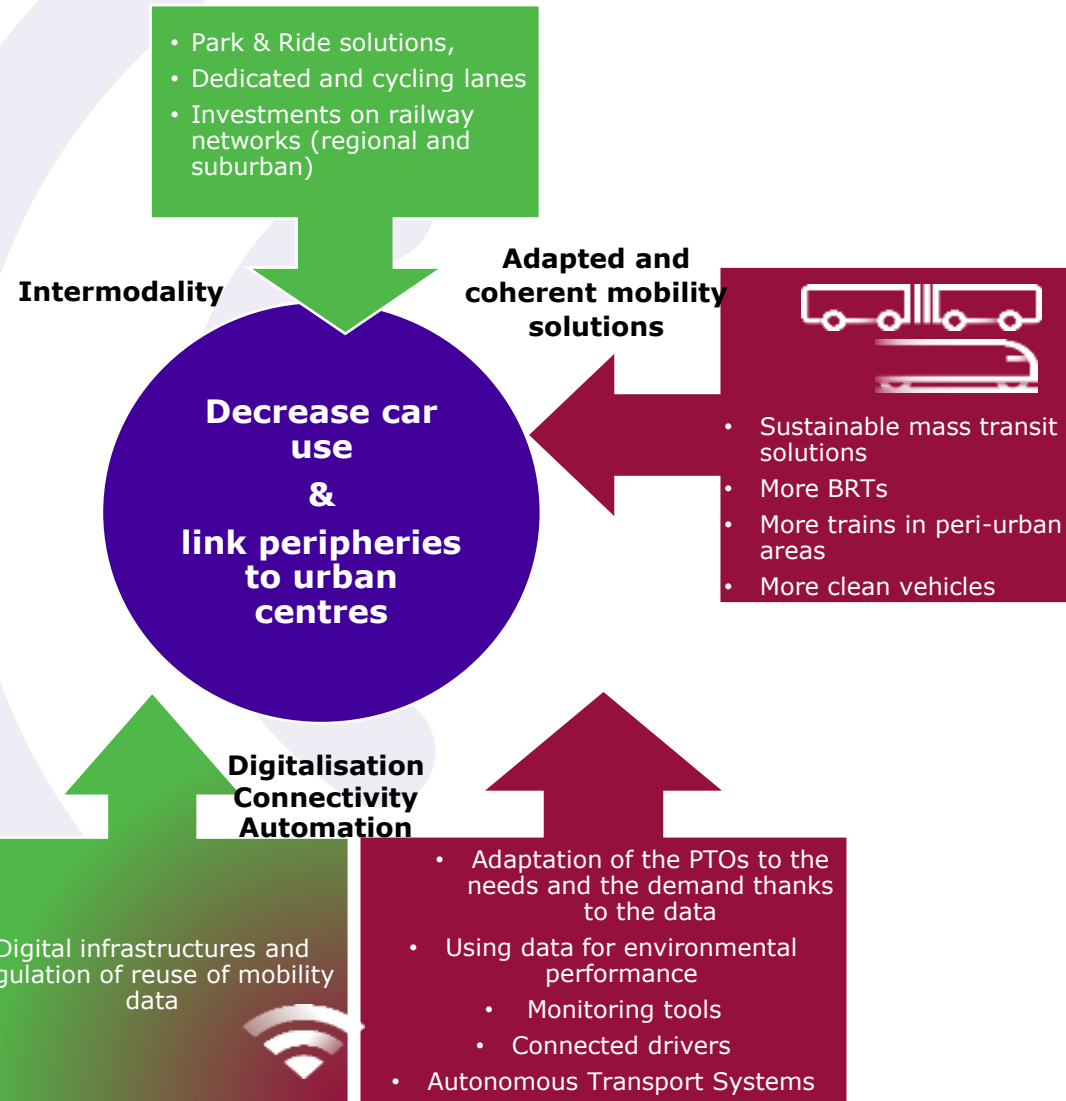


- Number of project partners, diversity of stakeholders
- Number of cities:
 - Diversity of demo sites → technical challenges
 - Diversity of user needs → contribution with positive social impact
 - Variety of legislative framework → for demonstration and long-term
- Per GA SHOW will
 - Deploy 70 L4/L5 Automated Vehicles
 - Conduct real-life demo on each site for at least 12 months
 - Map the Use Cases



**Spotlight on 2
SHOW demonstration sites**

TRANSDEV - Increase modal shift must be our common ambition



Linköping - Sweden



- **Demonstrate** how autonomous, electrified buses will be a part of future sustainable cities
- Develop an **open platform** to be used for research and studies
- Contribute to collaboration and **co-production** supporting sustainable transportation and regional development

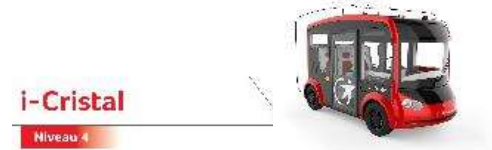


In depth

- **Multi-brand approach** to build mobility ecosystem.
- Use cases for end users with **special needs**.
- Research on **sustainable business models** for first and last mile



Rouen – digitalisation and automation strategy



SHOW 1st Concertation Workshop – 16.12.2020

Rouen - France

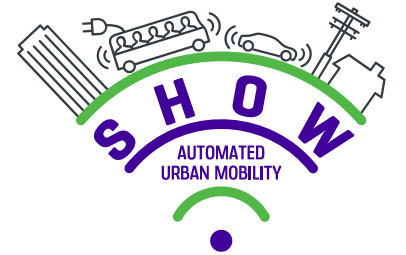
ROUEN NORMANDY AUTONOMOUS LAB



- A new type of **service integrated to the existing network** (classic buses, semi-automated BRT, tramways...)
- **Bus line with i-Cristal service** running among classic buses.
- **City centre – Robo-taxi service**
- A tram line connect the multimodal Hub in city-centre with the Madrillet area



Thank you for your attention!



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<http://linkedin.com/company/showh2020/>

<https://show-project.eu>