# **Tampere - Finland**

# **Autonomous e-shuttles with advanced remote control**





**Brief**: Tampere moves the safety operator from inside autonomous vehicles to a remote center, where operators monitor multiple Aldriven vehicles, boosting efficiency and lowering costs.



# **Key Urban Challenges Addressed:**

- Car dependency in underserved areas
- High labour costs for human drivers

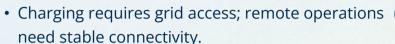
# **Goals & Anticipated Benefits:**

- Increase public transport and tram use in newly served areas
- Ensure pilot system safety
- Assess cost-effectiveness of automated solutions.
- Validate autonomous charging and remote operations

### Ownership:

- City of Tampere: manages infrastructure (in case of bus stop or curb changes)
- **Remoted:** is responsible for remote operation and charging solutions development
- Tampere University: is responsible for organising and delivering the co-design, survey and training activities.







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- Minor street changes (e.g. bus stops, parking) may be needed once routes are set.
- Four vehicles (two per use case) will be provided by Remoted, with chargers and vehicles equipped with sensors to collect pilot data.

#### Location:

Most likely Hervanta, Tampere, chosen for its size and diverse user demand. First pilot will be based there to share charging and vehicle depot resources.

#### Timeline:

September 2025

Finalising the vehicle procurement



Route selection

Mid November 2025

Starting the pilot operations







