

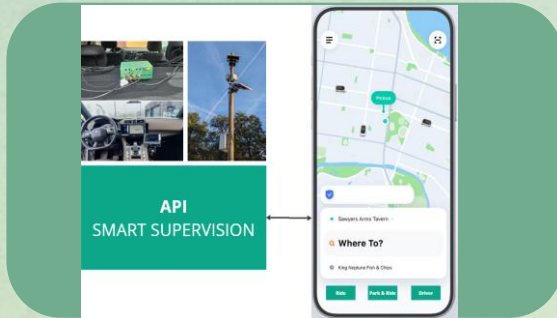
Poissy, Yvelines - France

Shared Vehicle Services for Enhanced Mobility (UC1 Validation)



Code: PO-UC02

Brief: Integration of real time supervision system (UC01) with share mobility service operation and intelligent parking management system



Key Urban Challenges Addressed:

- **Lack of knowledge on parking occupancy**
- **Limited real-time management for connected devices**
- **Poor coordination** between transport modes.
- **Unreliable multimodal trip chains.**

Goals & Anticipated Benefits:

- **Interoperability** between traffic management components
- **Integrate supervision system** with connected devices
- **Integrate sensors, data** with shared mobility services.
- Evaluate impacts on **driving efficiency of shared services**
- Integration of **Park & Ride solution** with shared services

Ownership:

- **VEDECOM** manages shared mobility service at mobility hubs
- **Floware** deploys sensors and smart parking solution
- **Mobilysis** provides drone-based traffic monitoring
- **CD78 (Yvelines)** provides infrastructure & regulatory support.

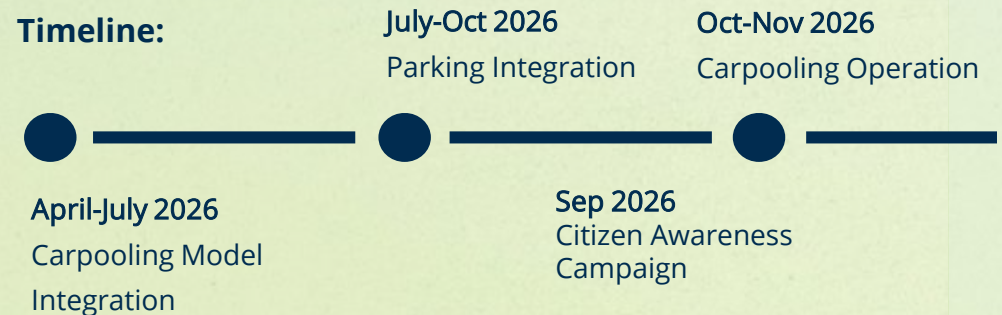
Infrastructure:

- **Connected vehicle fleet** including three conventional electric vehicles and one automated vehicle.
- **Drone-based traffic monitoring** for supporting real-time traffic analysis.
- **Sensor and roadside infrastructure** with V2X communication units.
- **Digital systems** including V2X, C-ITS services, and 5G/LTE connectivity, and AI enabled parking occupancy prediction model

Location:

The Paris/Yvelines LL focuses on Poissy (as the main mobility hub) and Triel-sur-Seine (as feeder mobility hub) which are a commune in the Yvelines department in the Île-de-France region in north-central France, north-west of Paris.

Timeline:



Co-funded by the European Union