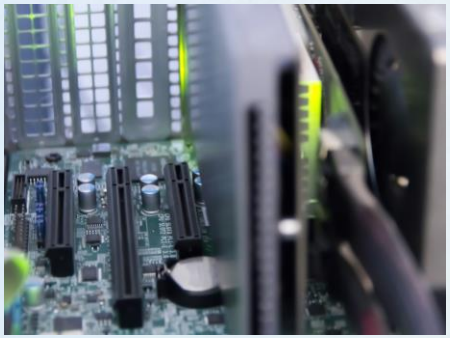
Limassol - Cyprus
Transport and energy platform

Code: LI-UC04

Brief: The transport and energy IoT platform integrates transport, EV charging, and the electricity grid in Limassol.
It helps manage charging demand by guiding users to charge during off-peak times or when renewable energy is available, consolidating data from traffic sensors and electricity production.



Key Urban Challenges Addressed:

- Rising vehicle numbers cause congestion and delays
- EV charging peaks strain the energy grid
- High operational costs for transport and energy providers
- Low public engagement in sustainable practices
- High noise levels from conventional vehicles in urban areas

Goals & Anticipated Benefits:

- Cut air and noise pollution by reducing car use
- Boost public transport
- Promote sustainable charging during off-peak hours

Ownership:
MaaSlab: Develops and manages the infrastructure

Infrastructure:
A platform available to private public transport and other local mobility providers, as well private EV owners, providing them recommendations on the optimal times to charge.

Location:
The metropolitan area of Limassol.

Timeline:

April 2025
Testing real-time data, static data ingestion, and the ETL Process

June 2025
API Connector Testing (HTTP & MQTT Server)

July 2026
Integration of Stakeholder Data and User Interaction

September 2026
Full Implementation

MaaS Lab
Co-funded by the European Union