



**OMILITY**

# Moving from Mandate to Roadmap: De-Risking Fleet Decarbonisation

A Zero-Cost, Data-Driven Approach to Regional Climate Compliance

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# Your Partner in Fleet Decarbonisation

## Automotive & Telematics Background

Over a decade of mobility product management and engineering at **Ford Motor Company**, **Shell** and **Powerfleet**.

## Advanced Decarbonisation Research

Developing a behaviour-aware, optimisation-informed framework for fleet transitions through joint research at the **University of Bremen** and the **University of Cyprus**.

## Global Climate Insights

Research contributor for AI & Transportation at the international **Transport Decarbonisation Alliance**.



# Trusted Data-Driven Decarbonisation

## About Omility

Founded in 2024 and headquartered in the United Kingdom, Omility is integrated with vehicle providers, charging infrastructure innovators, and global telematics providers – delivering a complete decarbonisation ecosystem.

### ✓ Proven at Scale:

Processed **7.4 million location logs** and **600,000 km** of driving across 52 vehicles over 83 days to evaluate optimal EV, LNG, and CNG infrastructure transition strategies in Turkey.

## Featured In

**FleetNews**

**MotorTransport**

**Bus & COACH Buyer**

**in-tend**

**CURRENT±**

**LAPV**

## Key Ecosystem Partners

**eVISION**  
ELECTRIC CAR HIRE

**HUMAX** EV CHARGING

**Quartix**

**cord**

**ratio**

**SEYİR**

**TraffiTech**

# Meeting Climate Goals Requires an Ecosystem Approach

## The Mandate

Strict state regional greenhouse gas targets cannot be met by municipal vehicles alone – the scope must broaden to include commercial fleets.

## The Hidden Bulk

Private local businesses, contractors, and supply chains account for the **majority** of daily regional emissions yet remain largely untracked.

## The Friction

High upfront implementation costs and a lack of accurate data prevent local governments and small businesses from taking meaningful action.

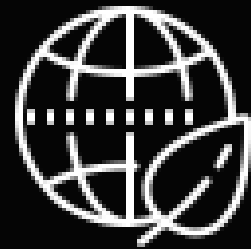


# No Software Costs. No Guesswork.



## Zero Cost

A completely free platform for both public agencies and private enterprises – no licensing, no hidden fees.



## Ecosystem Support

Deploy for internal municipal fleets or extend it as a free economic tool to help local businesses transition.



## Data Agnostic

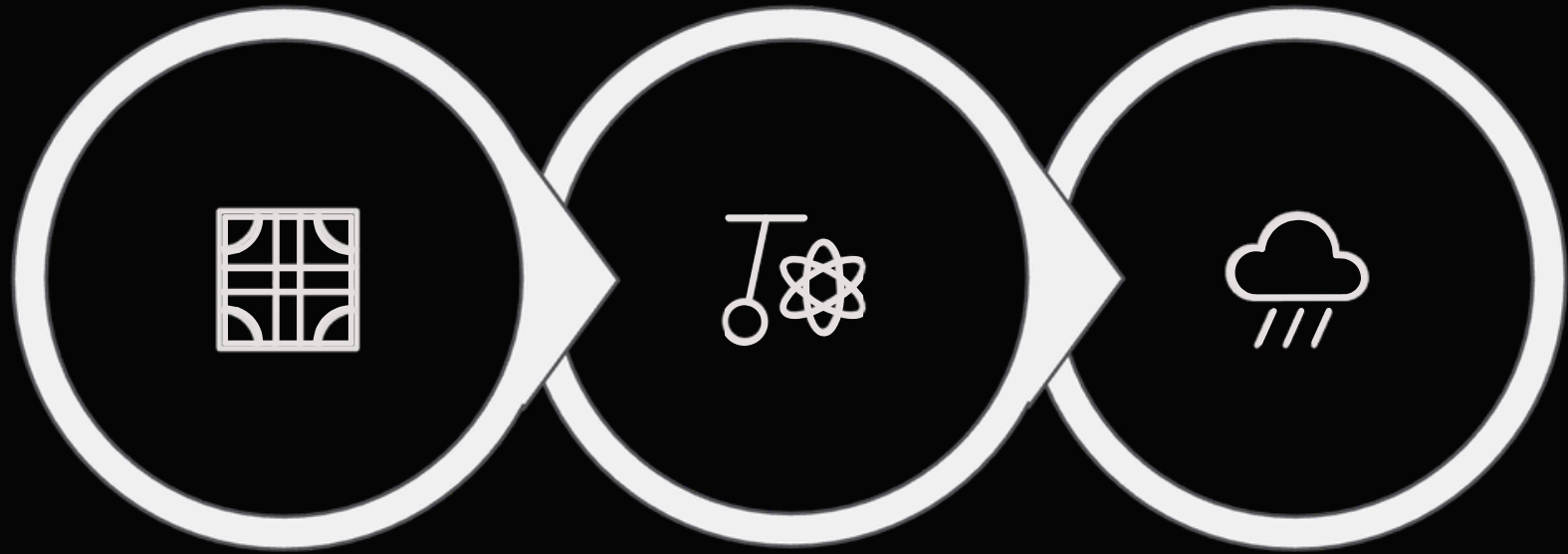
Ingests data from any source – existing telematics providers, connected vehicles, or transit data (GTFS).



## Hardware Gap Fixed

No existing tracking? Our **ECO Telematics** solution deploys as a seamless plug-and-play add-on.

# Replaces Estimates with Real-World Precision



Behaviour  
Mapping

Physics  
Engine

Environmental  
Factors

## Why Physics-Based Modelling?

Standard fleet tools rely on manufacturer estimates. Omility's engine calculates actual energy consumption route by route – accounting for real-world variables that estimates simply ignore.

 Weather

 Road Topography

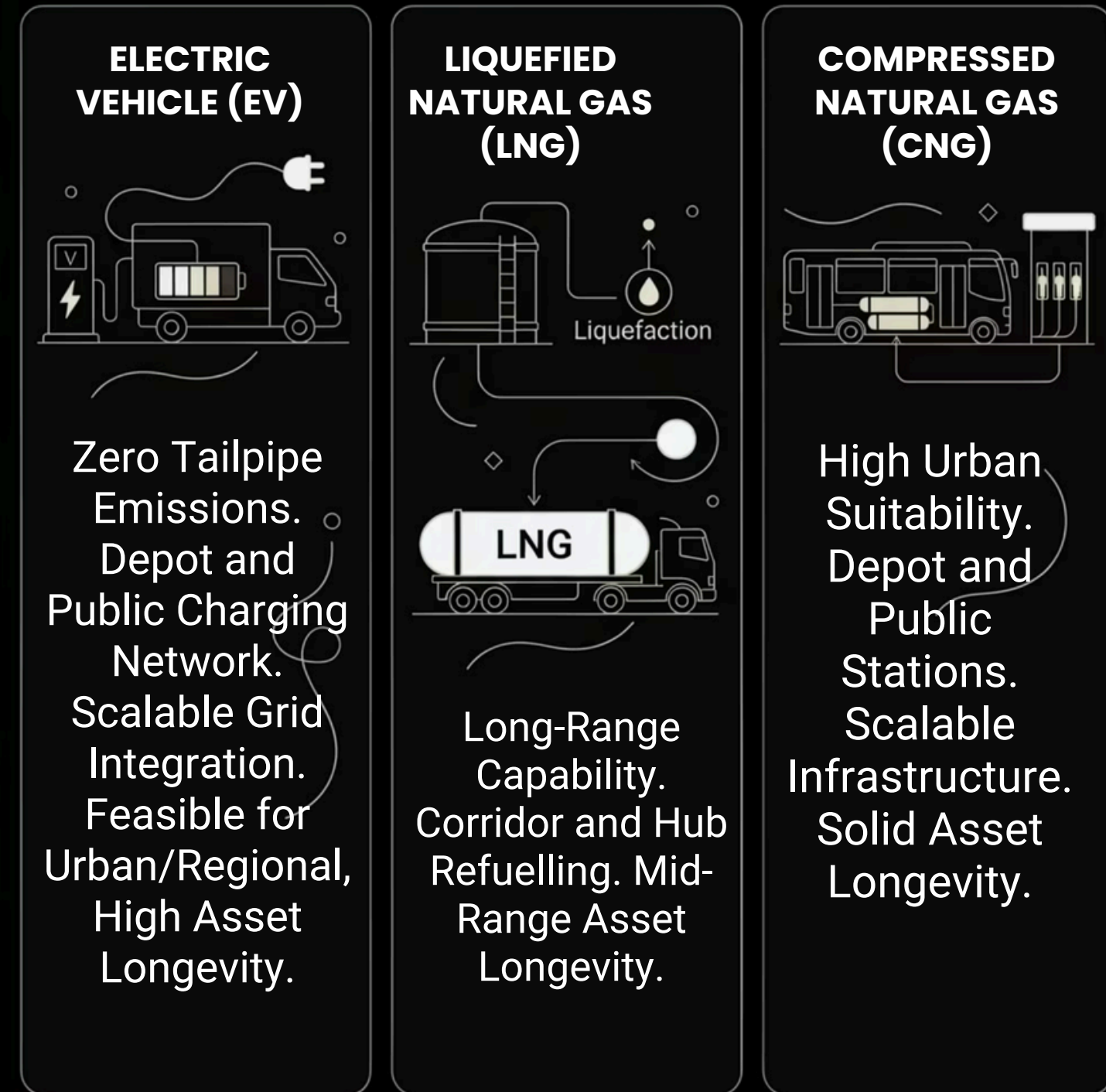
 Vehicle Payload

# Selecting the Right Assets & Refuelling Strategy

## Multi-Fuel Alternative Fleet Planning

Omility simulates transition viability across **EV**, among other alternative fuels such as **LNG**, and **CNG** – factoring in asset longevity and degradation to ensure your investment is protected for the long term.

The platform maps an optimal refuelling roadmap across **Depot, Home, and Public Infrastructure**—factoring in operational dwell patterns and forecasting peak energy demands to validate grid and site capacity.



# Verifiable Fleet and Financial Data Built for Stakeholders



## Financial Blueprint

Clear total cost of ownership (TCO) comparisons — ready for budget committee scrutiny.



## True Footprint Measurement

Compares tailpipe emissions against regional grid and alternative fuel emissions for an honest picture.



## Transparent ESG Insights

Net emissions savings reports ready for municipal climate plans or corporate ESG disclosure requirements.

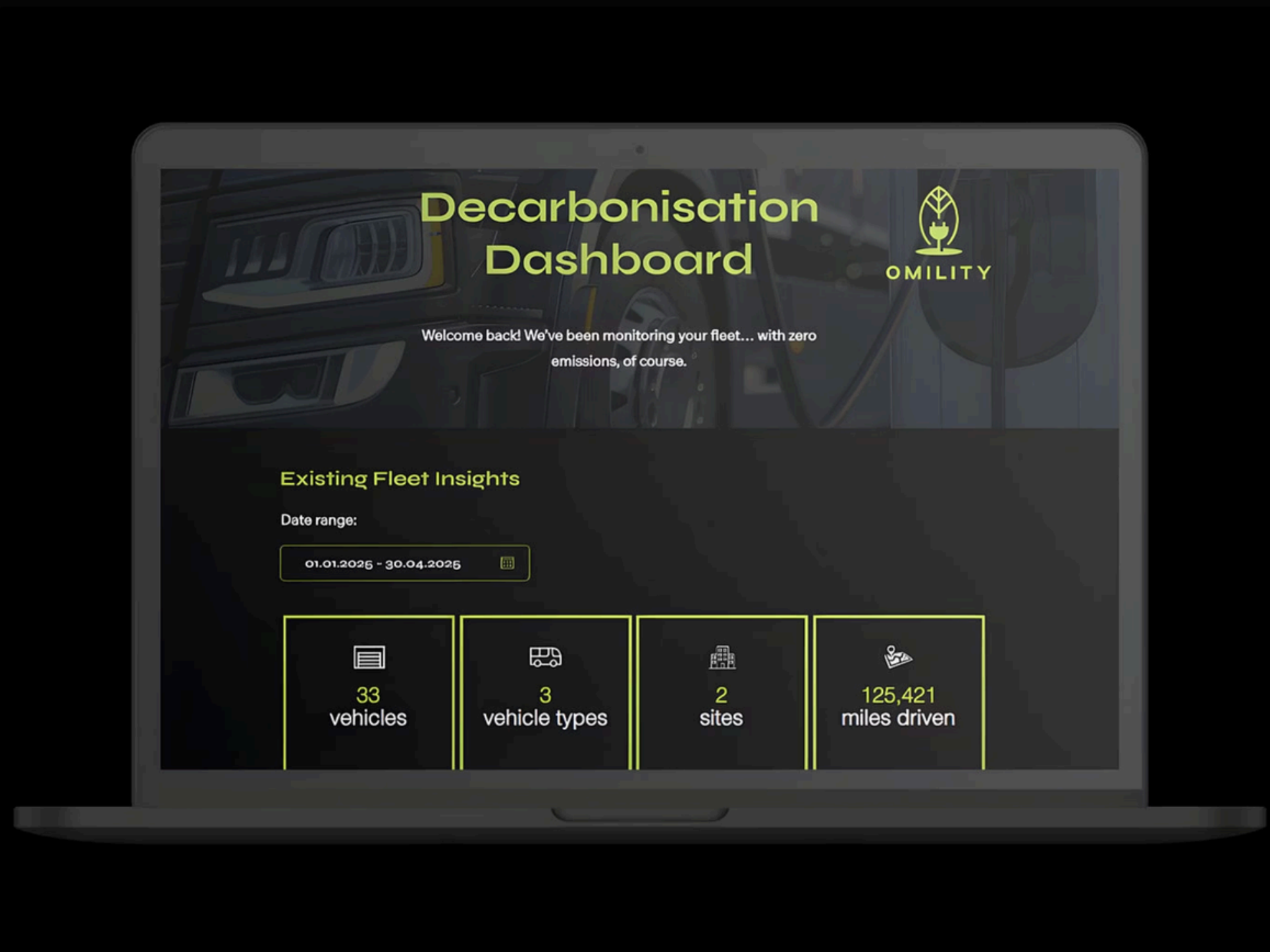


LIVE DEMO

# Omility in Action: From Data to Blueprint

Let's look at how the platform processes real-world fleet data — from raw telematics ingestion through to a fully alternative fuel transition blueprint.

**i** Applied context: A walkthrough of our flagship case study in Turkey, showing how these data models look when deployed across a complex, cross-border logistics network.





# Complimentary Hardware Allocation

1

## The Joint Pilot

Free Omility software combined with a limited pool of complimentary plug-and-play telematics devices from our telematics partner.

2

## Flexible Deployment

Deploy these devices on your own municipal fleet or extend them to local business partners to start their decarbonisation journey.

3

## Onboarding

Hardware is subject to availability. Claim your free device allocation – email [contact@omility.com](mailto:contact@omility.com) or [owen.mabbott@omility.com](mailto:owen.mabbott@omility.com).



# Deploy Omility Across Your Network

Equipping fleets, local supply chains, and municipal networks with free decarbonisation software.



[omility.com](https://omility.com)



[contact@omility.com](mailto:contact@omility.com)

