



RELOAD MOTORS

LCV For Last-mile Delivery & Intercity

Factsheet





RELOAD MOTORS



Private and confidential
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Battery Dominant FC Powertrain

Fuel tanks,
12.5 kg of H₂ on
board,
700 Bar

High voltage battery
(HV Battery),
25 kW/h

Proton-exchange membrane fuel cell (PEM Fuel
Cell),
50 kW, 350 V

High voltage electric motor (HV E-motor),
150 kW, 330 Nm

- Battery dominant Fuel Cell (FC) powertrain optimal for efficiency of fuel cells
- Best battery charging/discharging conditions for durability
- Lower H₂ consumption for maximal range and best in class TCO



South Korea

Engineering partner, FCEV
Development, Prototyping

tenenergy.co.kr

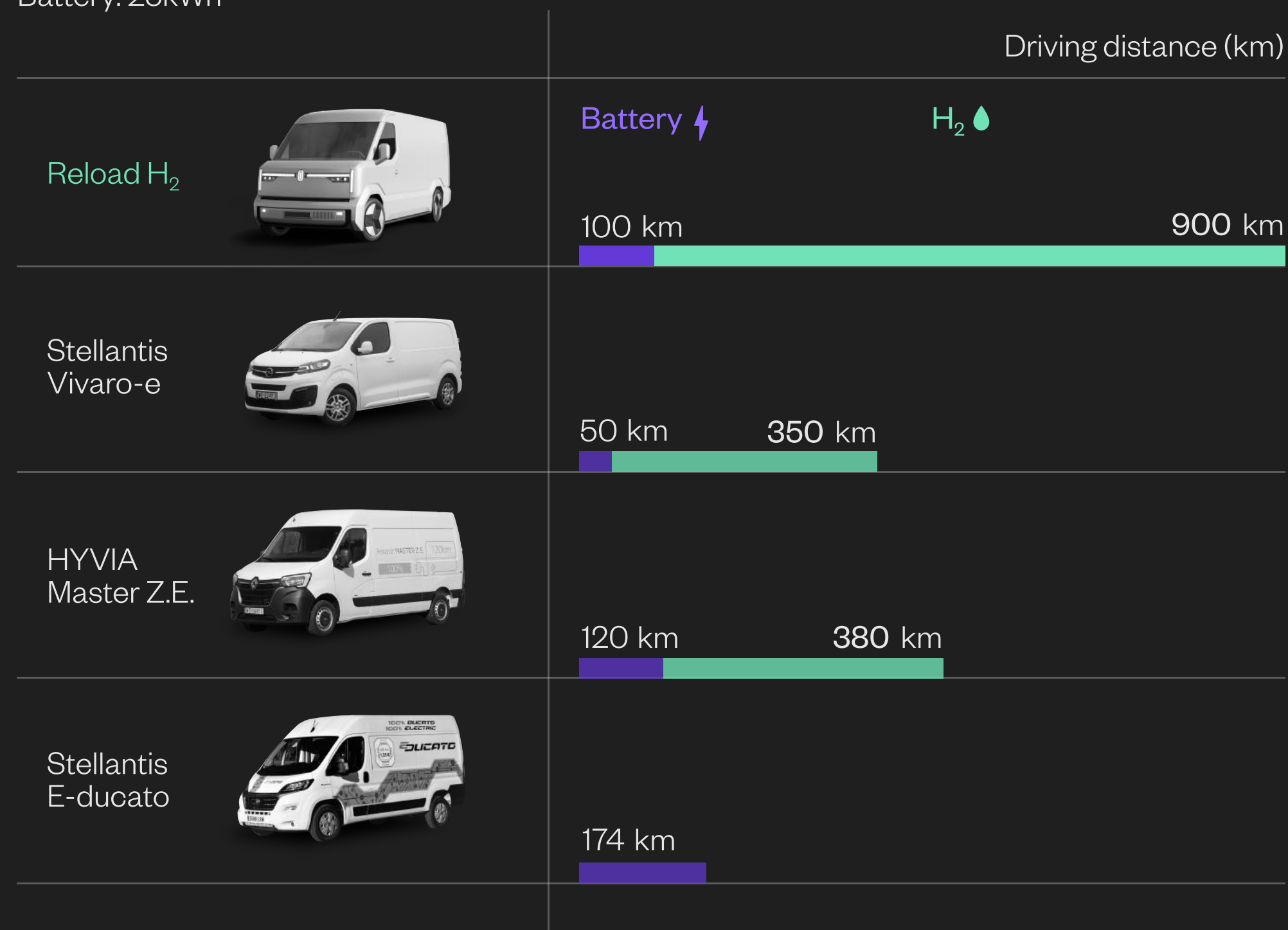
Reload LCV

[Patented] Uncompromised Solution In Range and Performance

Driving range

Reload FCEV have superior driving distance & High fuel economy in FCEV mode

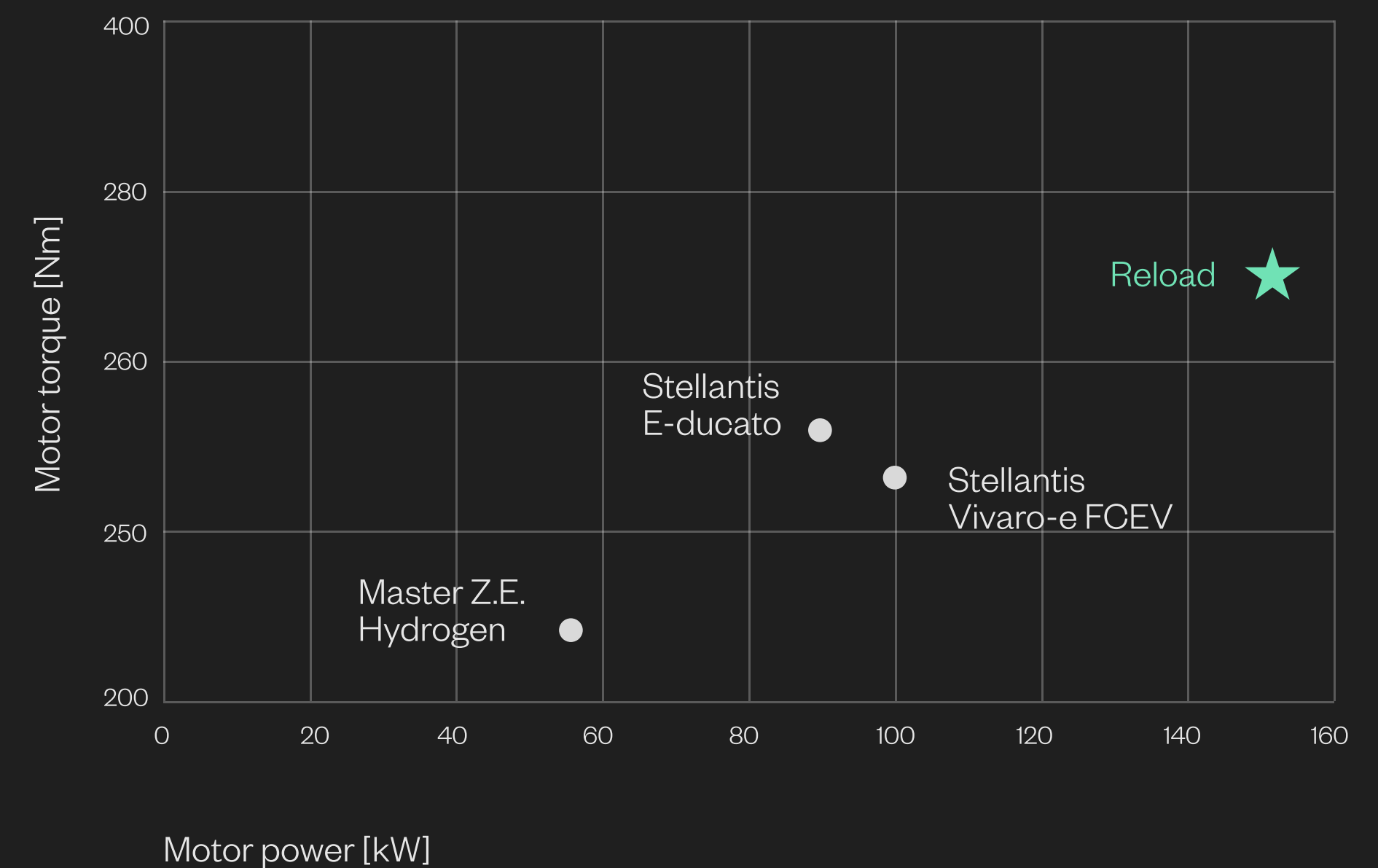
- Large energy storage
- Hydrogen capacity: 12kg
- Battery: 25kWh



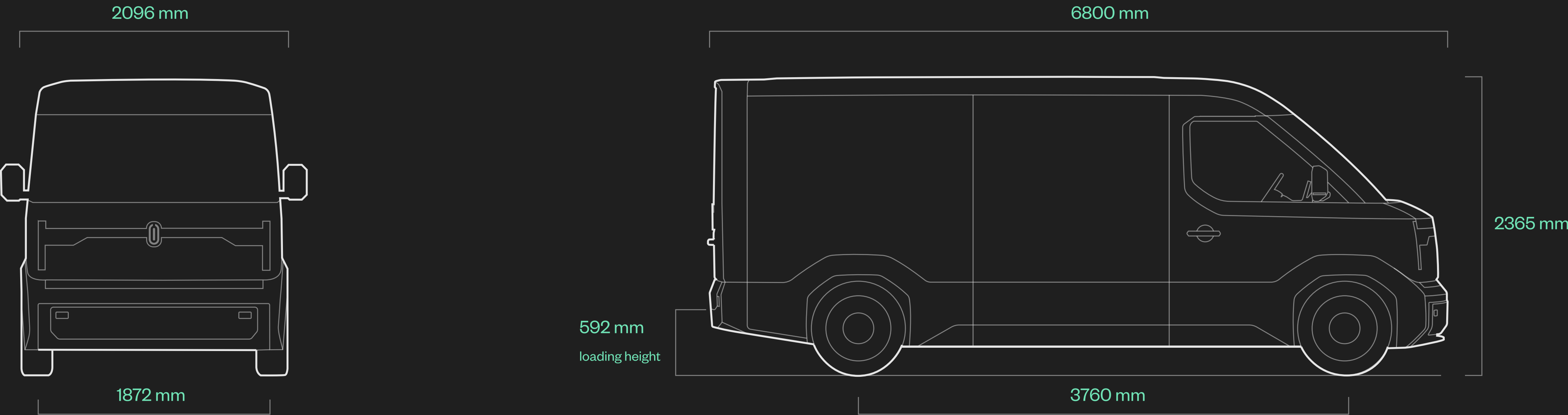
Acceleration performance

Reload vehicle is equipped with high-power 150kW e-motor widely used in passenger EV

The Reload H₂ Camper has sufficient power and acceleration performance



Base Technical Specification



Gross Vehicle Weight	3 500 kg (N1)
Range	1 000 km (WLTC)
Payload	1 050 kg
Cargo volume	11,5 m
Refueling time	3 min



Smart & cost- efficient industrialisation strategy

Donor Vehicle Conversion

Body Interior

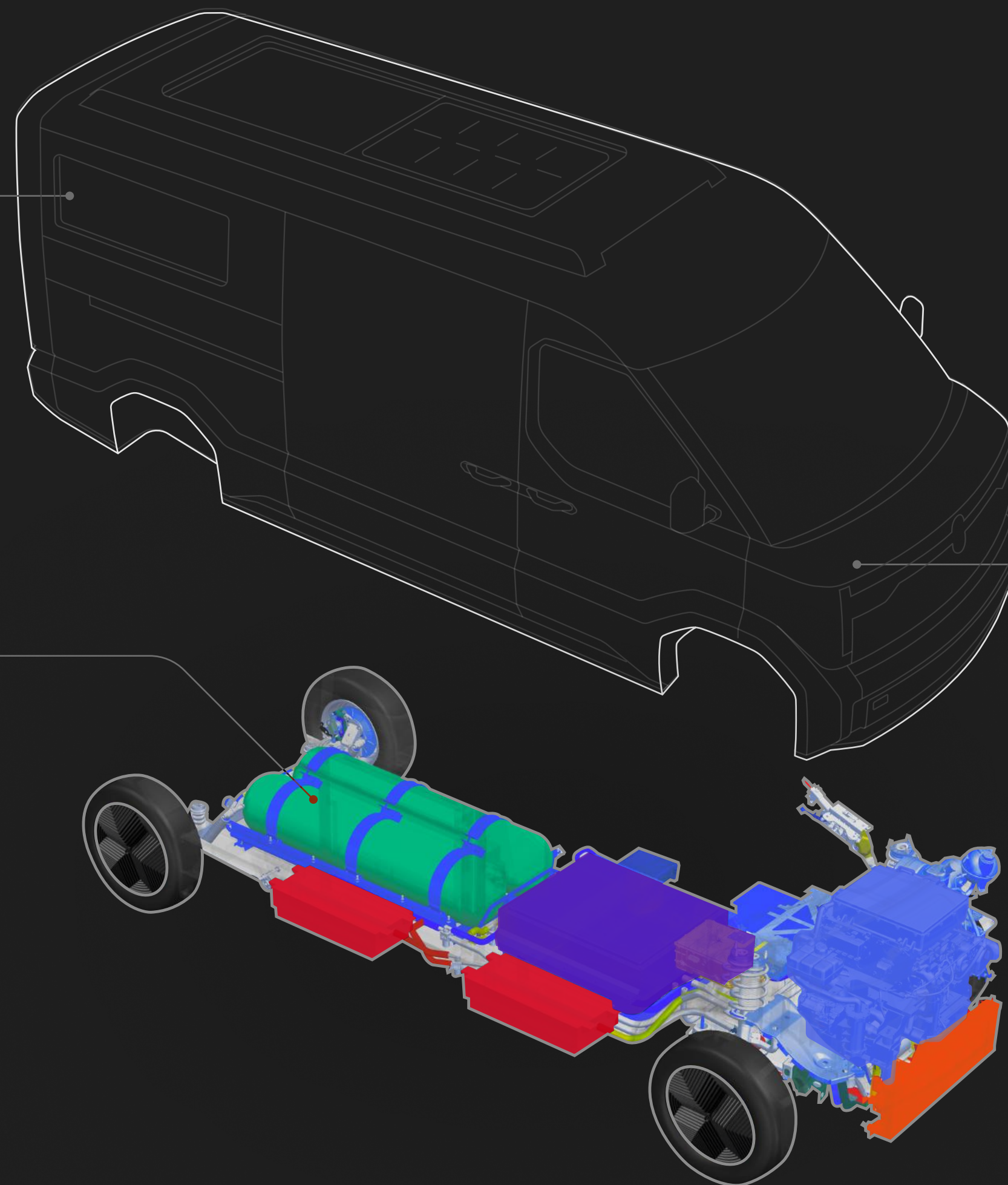
by Donor Vehicle

Borrow what the majors do better and cheaper: usage of VW (Crafter), Ford (Transit) or Renault (Master) Donor vehicles

Chassis

by Donor Vehicle

Existing, light modernization for the new powertrain and camper upperbody



Advantages

- No huge investments in new vehicle development. 10-times less money and 2-times less time needed.
- No huge investments in greenfield manufactory facilities: Final stage assembling line only

Safety Systems

by Donor Vehicle

Usage of safety systems, electrics and electronics of the donor vehicle to avoid new vehicle massive investments.

Why is BEV not enough?

Time for hydrogen economy

	Battery electric vehicles	Fuel Cell vehicles
Range	Up to 290 km	Up to 1000 km
Payload	Large battery size limits payload	Up to 25% larger available payload
Temperature	High ambient temperature dependency	Lower temperature sensitivity of range
Charging	Charging anxiety (7-8 hours)	Refueling speed of up to 3 minutes
Durability	Limited lifetime of batteries	Longer lifetime of drivetrain components
CO2 footprint	Heavy environmental impact of lithium	Substantially lower footprint
Infrastructure	High energy grid dependency	Low energy grid dependency



Reload Digital Ecosystem

Web Interface

Mobile

HMI

Cross-Platform Experience

All of Reload's products are integrated into a single ecosystem, allowing the user experience to remain consistent



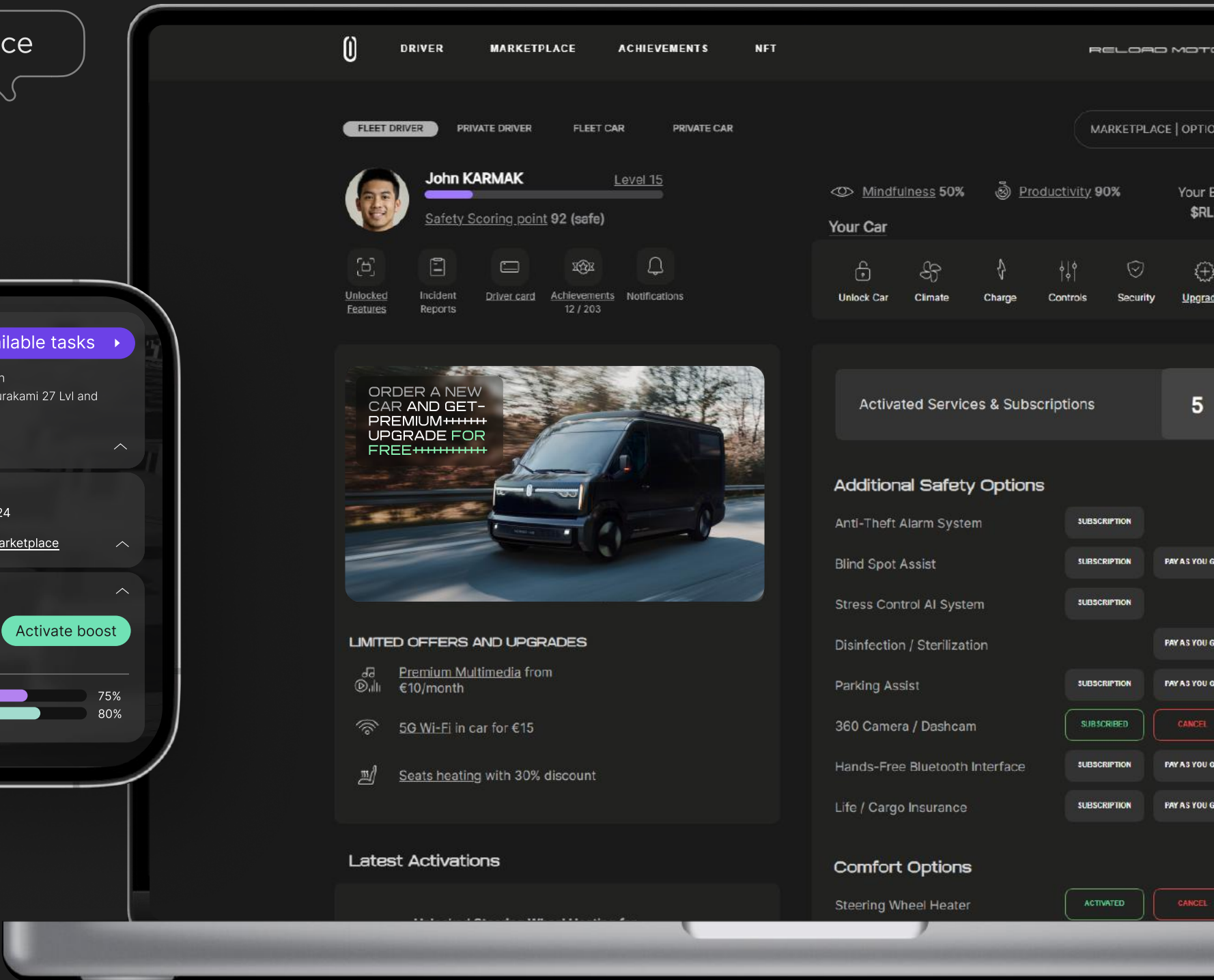
Fleet Management Software

All LCVs are connected to the DLT blockchain secured fleet management system, which allows always be in touch with each driver and monitor their productivity.

Reload FMS features:

- Productivity monitoring of each driver
- Automatic control of the driver mindfulness and safety system aimed at increasing productivity's state and safe control of the LCV
- Incentive system for the driver
- Rewarding Driving: gamification of the driving experience
- The driver can purchase the options and upgrades he needs in the LCV on his own
- Logistics efficiency system focused on saving fuel and delivery time
- Vehicle Tracking
- Remote Diagnostics
- Driver Safety Monitoring
- Automated Parking & Toll Payments
- Fuel Management
- Route Planning
- Vehicle Usage Monitoring

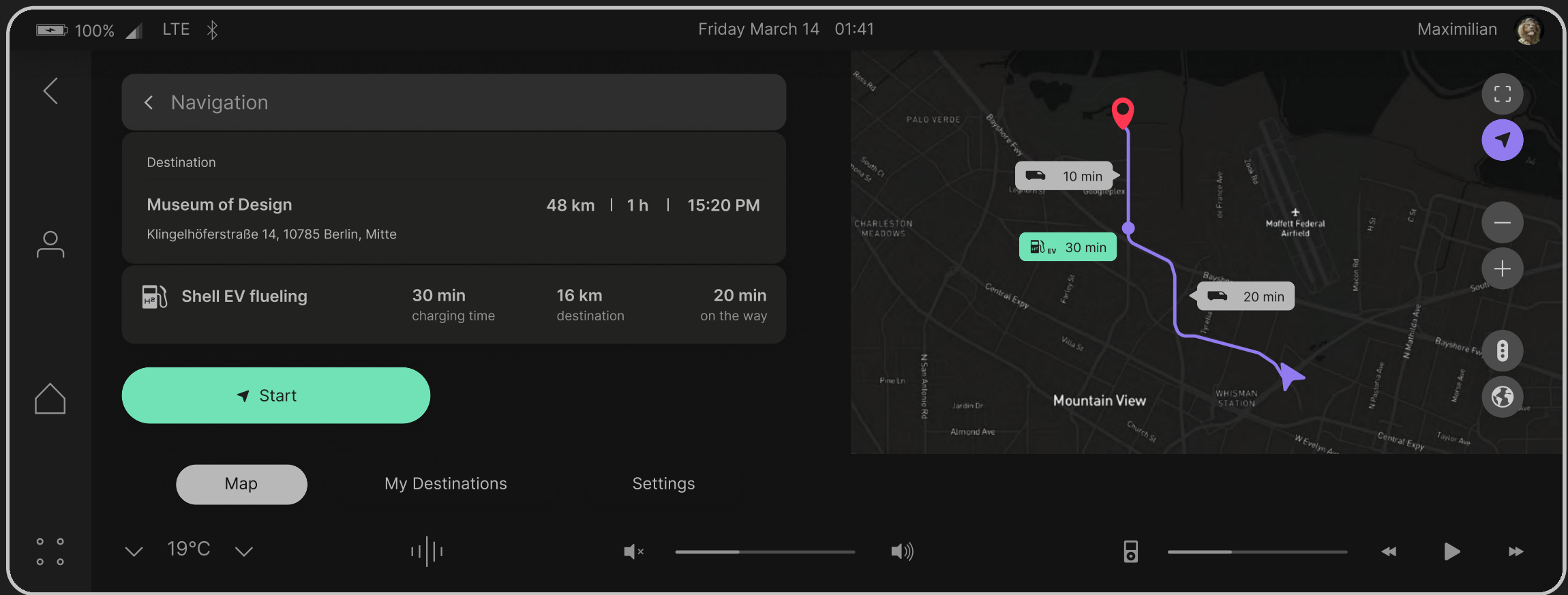
Web Interface



Mobile

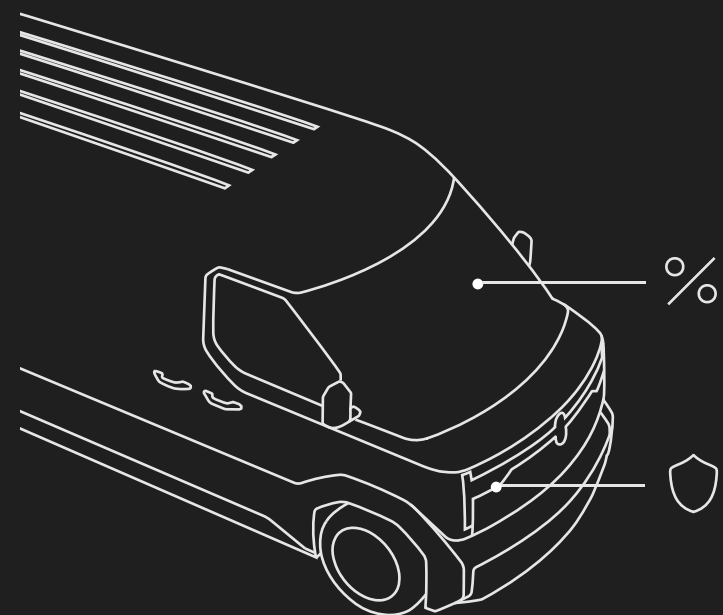


HMI





Reload Software Ecosystem



Vehicle Software

Vehicle software and software improving the user experience and use of the vehicle.

In-vehicle systems

- Smart HMI
- AI driver Safety and Mindfulness systems
- AI-based Anger management system
- AI-based predictive maintenance system
- AI-based Insurance system

Apps & Services

- Mobile app for Car Management
- NFT Key Driver identification system (DID)
- Features and options subscriptions management engine



Digital Products

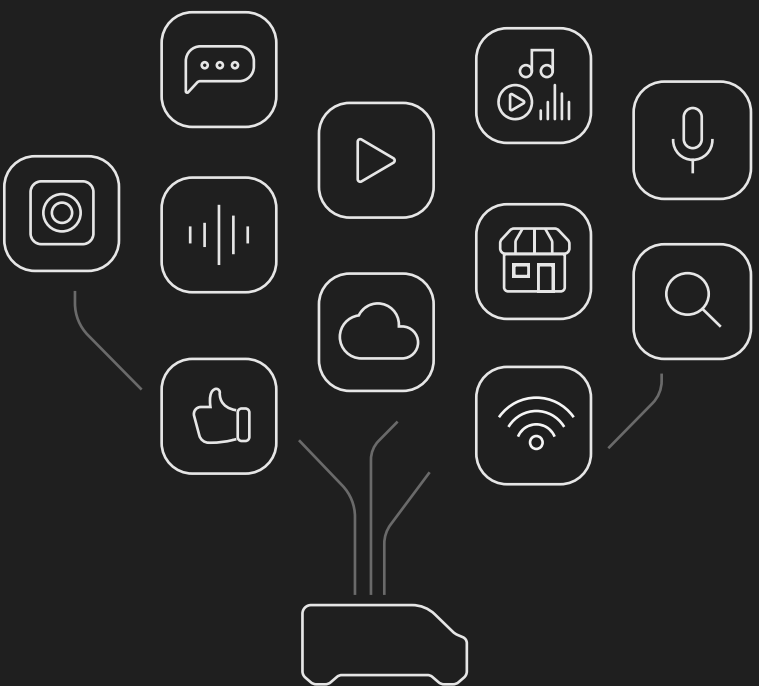
Software indirectly linked to the vehicle and which also creates added value for users.

For Drivers

- Rewarding Driving & Achievements engine
- In-Car Payment (Wallet), \$RLD token
- Digital Store 'pay as you go'

For Partners

- Partner's offers management system & backoffice



Other services and products

Other digital products and integrations that make camper usage convinient and safe for user.

For Developers

- Third-party developers Appstore SDK
- Developers portal

Backend & Backoffice

- DLT-secured V2X, V2V, V2I Communications
- DLT Warranty & Recall Management
- DLT-secured Financial Transaction
- Other DLT & smart-contracts integrations



Why blockchain usage in our product is important



Proof-of-vehicle ownership

Reload NFT Key is camper digital passport containing such important information as LCV usage and maintenance reports, mileage, module faults, damage data and insurance history.



Cybersecurity

Fully decentralised secure encrypted connection between the sensors in the camper and the NFT key in the mobile phone, allowing authorised locking/unlocking of the vehicle. Safe-Guarded Autonomous Data.



M2M between vehicles and smart cities

Recording/receiving traffic data, weather conditions over the blockchain in communication with other LCVs and Smart City authorities.



Monitoring vehicle history

Store information about their daily activities, such as daily usage, completed routes, technical issues and other problems.



In-vehicle personalisation (DID)

The NFT Key gives access to all unlocked features and options to any LCV s in car park. No need physical keys sharing management, just digital pass.



Predictive Maintenance & Warranty Recall Management

AI-based predictive maintenance system, analysing vehicle performance and fault codes helps users reduce unnecessary maintenance costs, and helps us to avoid potential warranty claims.



Telematics-based insurance

Pay-per-use insurance based on safety driving, stress & emotional behaviors of driver, weather conditions or car location.



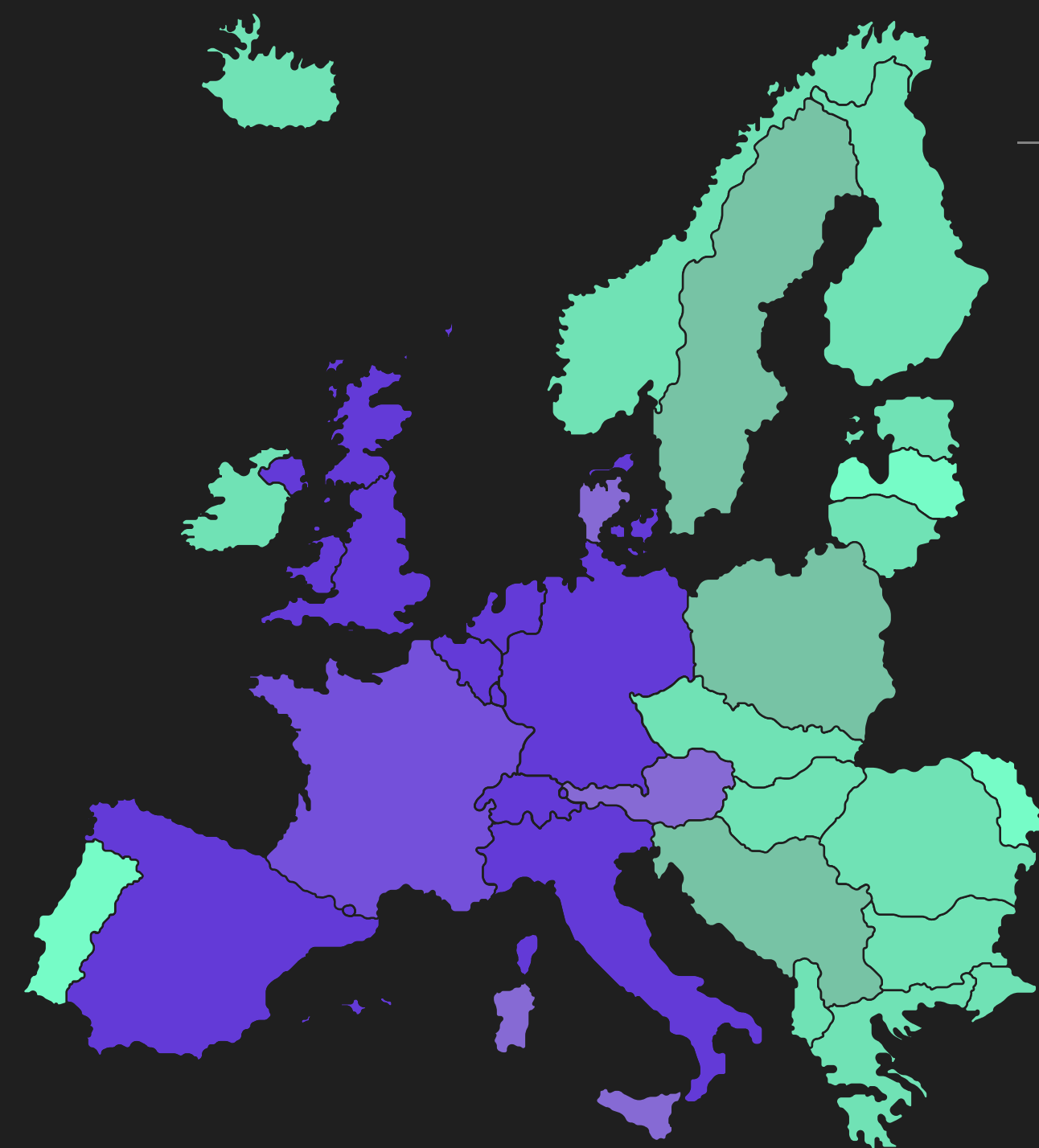
Car Wallet

Payments between a vehicle and road-side infrastructure (e.g. for paying charging, toll stations, parking). Securing payment processes as well as making them more time- and cost-efficient. Drivers also will be able to spend \$RLD to activate a huge number of car features and options (heated steering wheel, seats, advanced security systems and multimedia packages, free internet, insurance, etc).



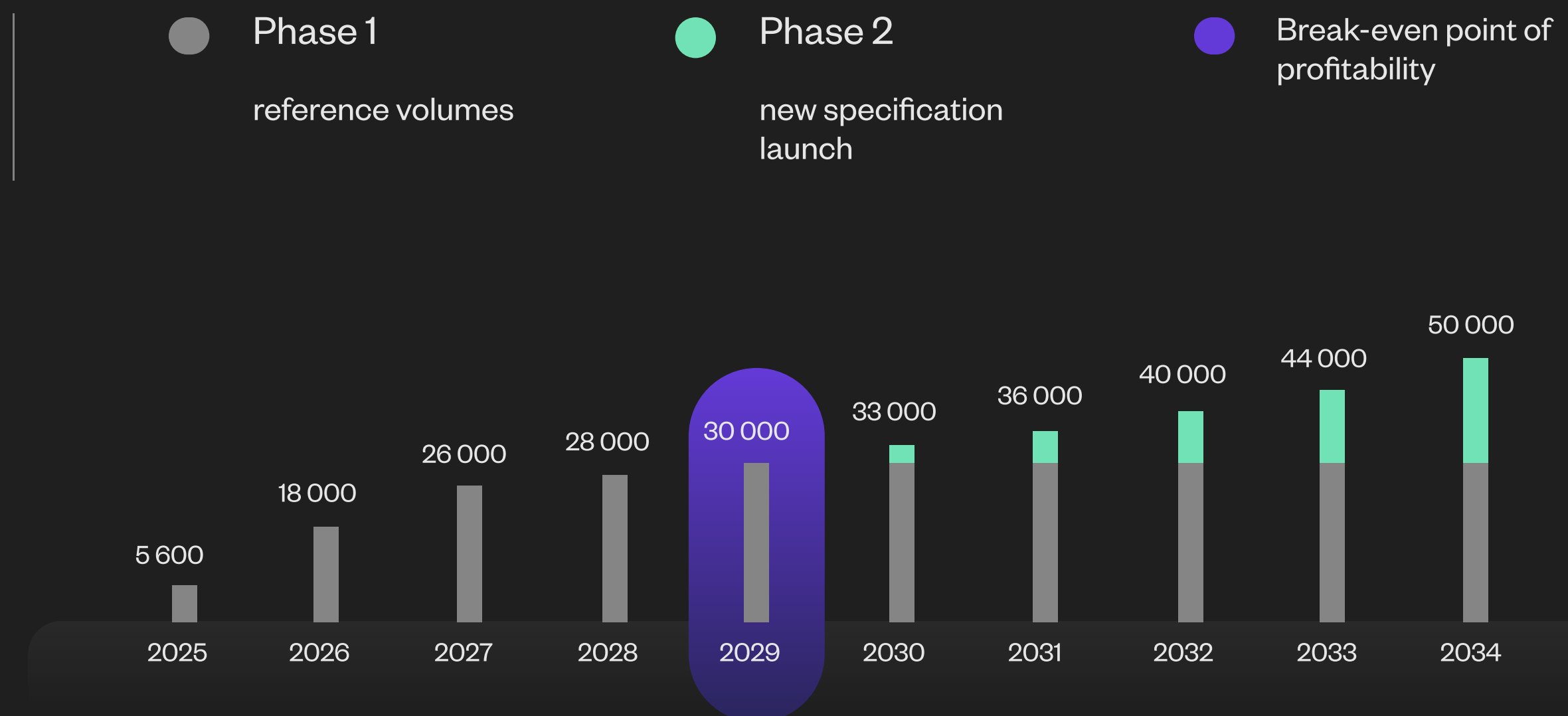
Product Overview

LVC Sales Volumes



● Key markets

Focus: Europe





Product Overview

Reload LCV Strategy

Market trend 2030:

- 30% of zero-emission
- Vehicles in global fleet
- 300k fuel cell LCV in EU
- New global and regional zeroemission
- Automotive players
- Digital distribution and 24/7
- Online services
- TCO LCV optimization

Reload Motors strategy

- 3,8% of zero-emission LCV market share by 2030 (30k units)
- Strategic partnership with H₂ fuelling Stations manufacturer
- Partnership with a global OEM for:
 - > Donor platform
 - > Contract manufacturing
- Best-in-class TCO
- Vehicle as a Service model



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