

HYDROGEN FUEL CELL LIGHT COMMERCIAL VEHICLES

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100%
ELECTRIFIED
LCV RANGE SINCE 2021



➔ LEADER OF THE EUROPEAN E-CV MARKET



FUEL CELL IS A REALITY

STELLANTIS IS THE PIONEER IN THE LCV MARKET



Citroën ë-Jumpy HYDROGEN
Peugeot e-Expert HYDROGEN
Opel Vivaro-e HYDROGEN

INITIAL MARKETS: GERMANY & FRANCE

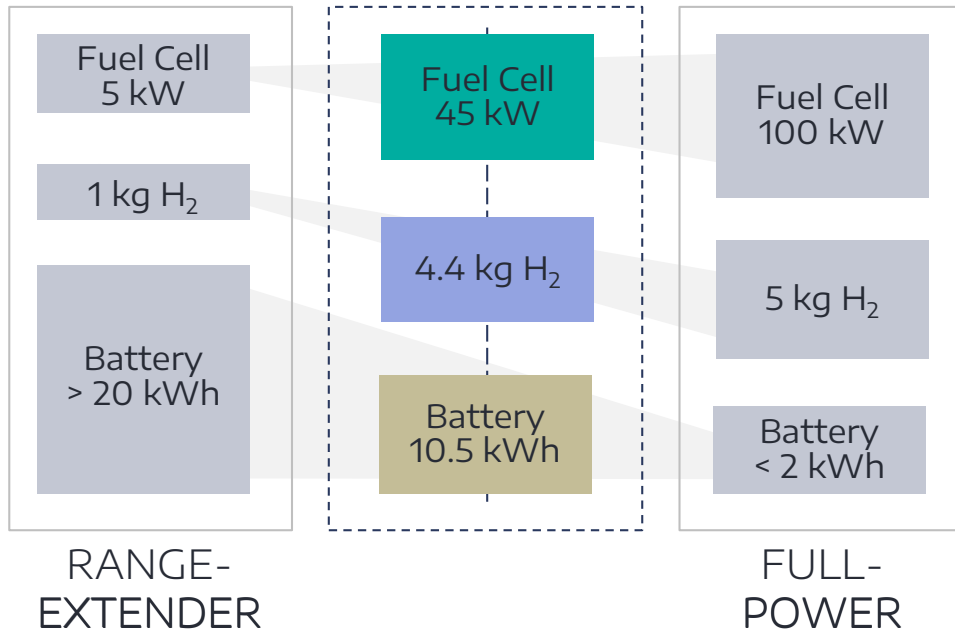
CHOSEN DUE TO READINESS:

- Refueling station network
- Public funding framework

THE NETHERLANDS AS A NEXT MARKET



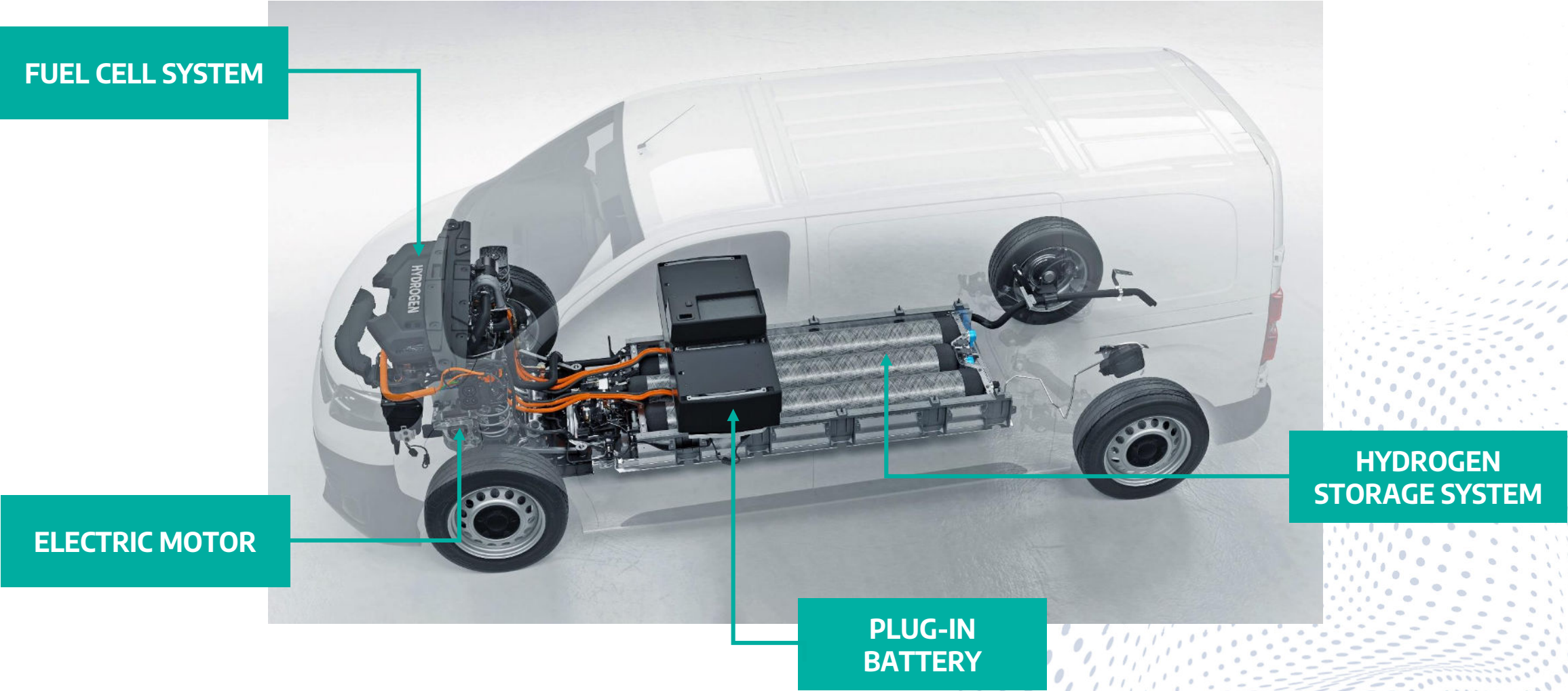
MID-POWER CONCEPT



ADVANTAGES

- Packaging
- Performance
- Durability
- Cost
- Energy reserve (plug-in)

➔ DESIGNED TO MAXIMISE CUSTOMER BENEFIT



CARGO VOLUME

M : 5.3 m³
L : 6.1 m³



← LENGTH STANDARD M : 4,959 mm →



HEIGHT
M : 1,965 mm



PAYLOAD

M : up to 1,000 kg
L : up to 1,000 kg



← LENGTH LONG L : 5,306 mm →



HEIGHT
L : 1,975 mm



➔ **SAME CARGO SPACE AS ICE AND BEV VERSION**

HYDROGEN STORAGE SYSTEM

TYPE: 3 Compressed Hydrogen (CGH₂) Vessels

OPERATING PRESSURE: 700 bars

USEABLE CAPACITY: 4.4 kg CGH₂

REFUELING TIME: 3 min

FUEL CELL STACK

TYPE: Proton Exchange Membrane (PEM)

POWER: 45 kW

BATTERY SYSTEM

TYPE: Lithium-ion

POWER: 90 kW

USABLE ENERGY: 10.5 kWh

RECHARGING TIME: 90 min (wallbox)

ELECTRIC PROPULSION

MAXIMUM POWER: 100 kW

MAXIMUM TORQUE: 260 Nm

➔ **STELLANTIS LCV CAN BE REFUELED AT EXISTING 700 bar H₂ STATION NETWORK**

TOP SPEED: 110 km/h

ACCELERATION (0-100 km/h): 15 s

RANGE (WLTP*): 400 km

(Hydrogen: 350 km Battery: 50 km)

BRAKE MODE

DRIVE MODE

- **ECO** (60 kW, 190 Nm)
- **NORMAL** (80 kW, 210 Nm)
- **POWER** (100 kW, 260 Nm)



4 KEY CUSTOMER BENEFITS

ZERO EMISSIONS

Only water vapor!



FAST, EASY & SAFE REFUELLING

3 minutes



LONG DRIVING RANGE & PLUG-IN CAPABILITY

400 km range WLTP*

* Certification pending



NO COMPROMISES ON LCV USABILITY

Same cargo volume as ICE
payload 1,000 kg



➔ **HYDROGEN FUEL CELL LCVs:**
A **ZERO EMISSION SOLUTION** complementary to BEV for customers
who frequently drive **LONG DISTANCES** and/or **NEED TO REFUEL QUICKLY**