



H2.City Gold

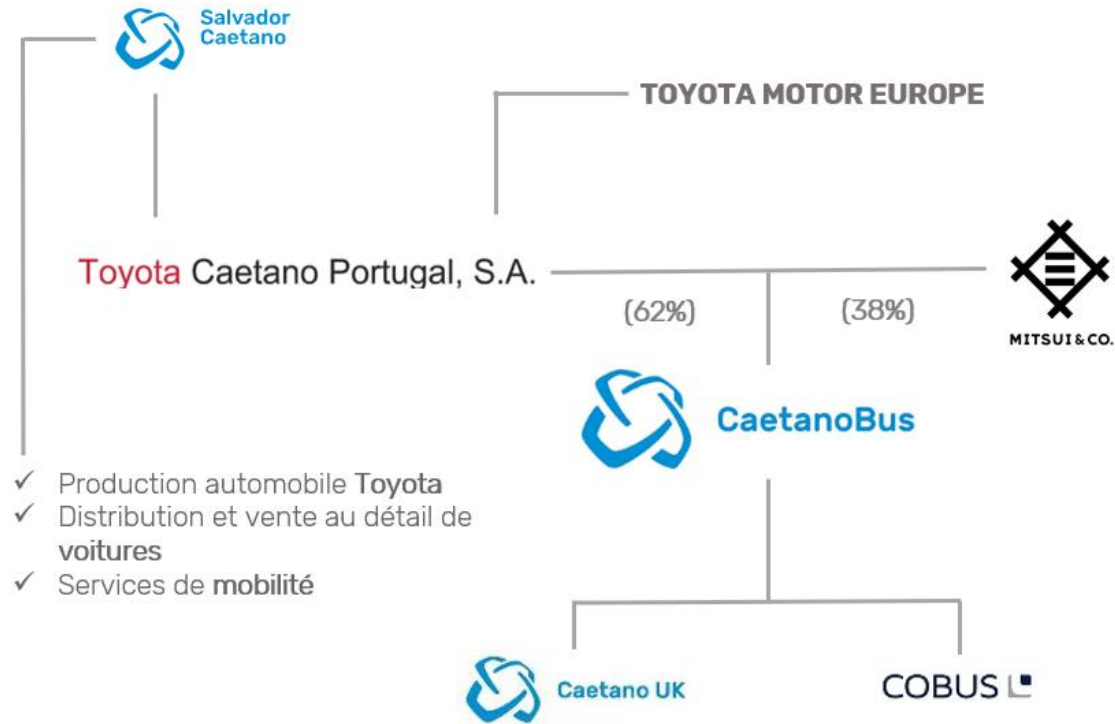
Product Presentation

Who are we?

Portuguese Bus and Coach manufacture

Founded in 1946

E-bus development Since 2010 & sold over 100 buses

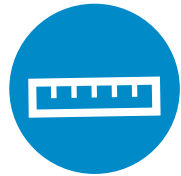


- ✓ Production automobile Toyota
- ✓ Distribution et vente au détail de voitures
- ✓ Services de mobilité



H₂.City Gold

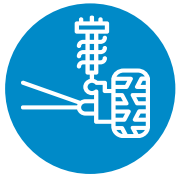
Main data



12 m for LHD, 10.7m for RHD



Lightweight aluminium body



Independent front suspension
EBS 3, ASR, ABS, ECAS II,
ESP/ESC (optional)



180 kW SIEMENS motor



60 kW Fuel cell Power*



37.5 kg H2 tank (5 bottles, 350bar)



44 kWh battery pack (LTO) solution
Up to 50% regenerative braking



Autonomy >400km
Consumption <6-9kg/100km

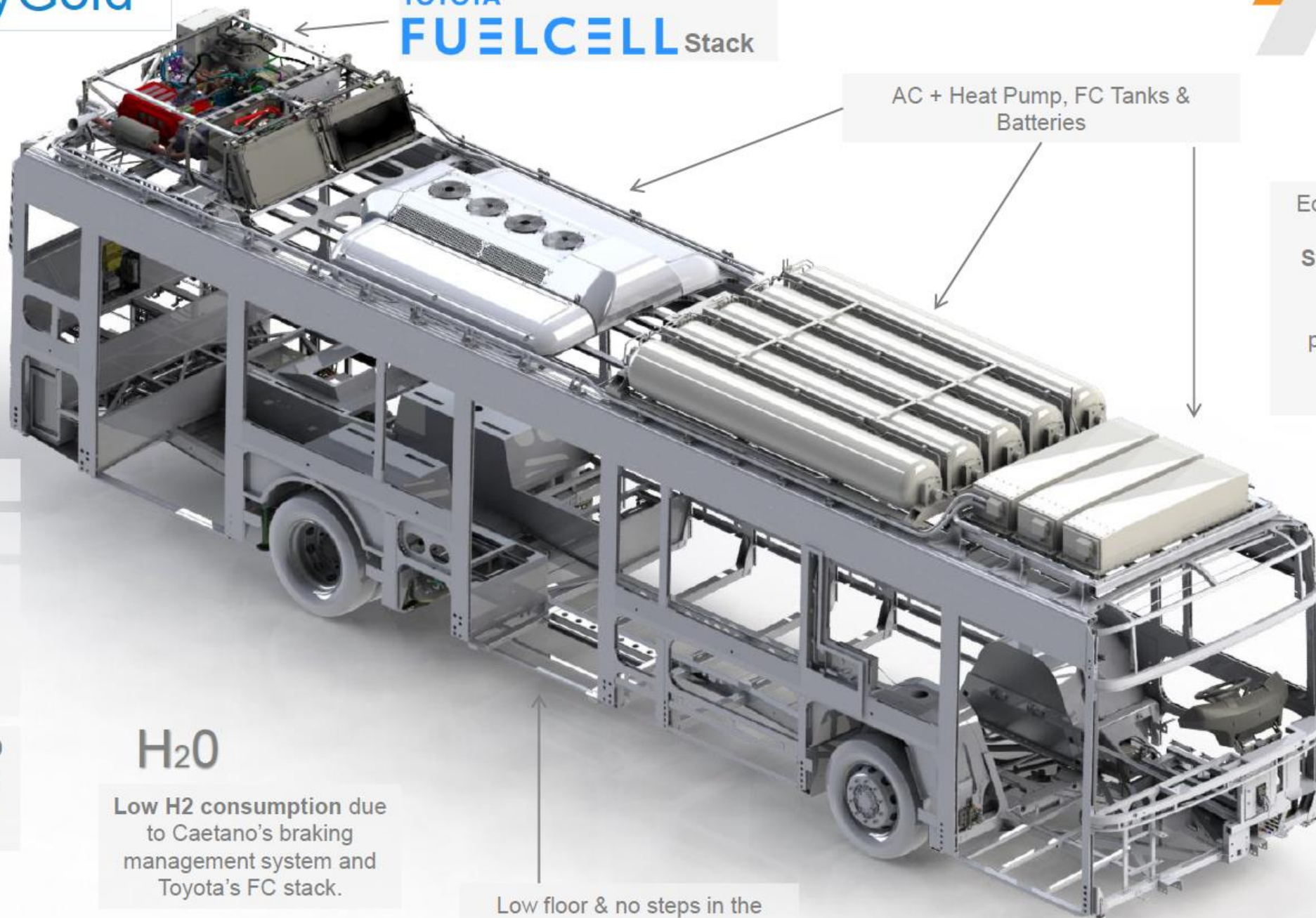


H2 Refuelling time < 9 minutes
In accordance with SAE J2601-2 & SAE J2799
Battery Charging time ≈ 15minutes

* We limit FC stack power to optimize lifecycle.

H2.CityGold

TOYOTA
FUELCELL Stack



AC + Heat Pump, FC Tanks & Batteries

Equipped with **Advanced Driver Assistance Systems** as a 360° view camera, Camera Monitoring System, pedestrian and forward collision warning to improve bus safety.



Efficient

High Range

Wide passenger area

User-friendly bus

Standard capacity: 39 seated passengers with 2m wheelchair space.

H₂O

Low H₂ consumption due to Caetano's braking management system and Toyota's FC stack.

Low floor & no steps in the passenger area