

Targeted markets (national H2 plan)



Three major advantages, enabling the eventual adoption of zero-emission H2 vehicles by a greater number of people (especially fleet vehicles and heavy-duty vehicles) :

- Zero emissions in use
- Low recharge time (3 minutes, comparable to a full tank of gas)
- Greater autonomy (comparable to that of internal combustion vehicles)

Due to its characteristics, the technology of hydrogen electric vehicles is suitable for :

- To professional fleets including Light Commercial Vehicles but also heavy-duty vehicles (high usage rate), such as cabs
- To bus
- To Heavy Duty Industrial Vehicles

The Hydrogen Plan therefore calls for the deployment of 5,000 light commercial vehicles and 200 heavy-duty vehicles by 2023, then **20,000 to 50,000 light commercial vehicles** and **800 to 2,000 heavy vehicles** by 2028.

Inventory of Hydrogen Bus deployment projects in France



Rainbow Unhycorn: Characteristics

Rainbow Unhycorn

Is a project of engineering, industrialization and deployment of Light Commercial Vehicles and of the technological bricks needed



01 Collaborative projects FR-DE-IT

02 Other European countries

20 major European cities

- 50 000 Light Commercial Vehicles

- 25 000 Delivery Vans

- 25 000 Light Delivery Trucks

- 500 HRS @ 200 kg/day in logistic hubs, industrial parks

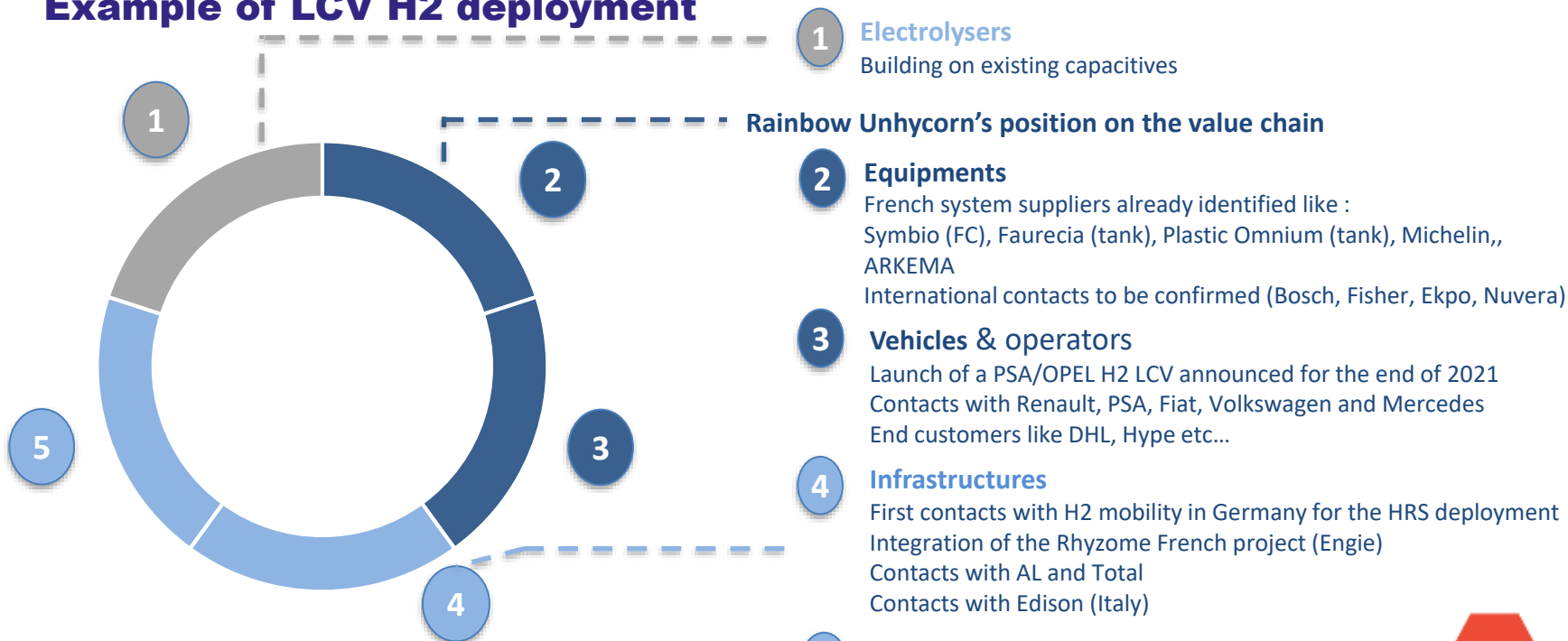
TCO as close as possible as to the one with diesel vehicles

Price of green hydrogen comparable to diesel

CO₂ saved : 1 000 000 tons /year
Green Hydrogen consumption : 20-40 000 tons /year

Build a European value chain of key equipment and key technologies for H2 mobility (Light Commercial Vehicles, Trucks, Buses) part of the IPCEI

Example of LCV H2 deployment



Rainbow Unhycorn's position on the value chain

Match Making with DE the 30/11
Match Making with IT the 07/01