



BETTER MOBILITY TODAY

CLEAN HYDROGEN STATIONS FOR VEHICLES

WHAT?

- ENGIE offers its clients a **complete supply solution** for electric vehicles that run on hydrogen by designing, building and operating stations and supplying hydrogen.
- The hydrogen is produced on site **through water electrolysis** using electricity that could come from renewable resources.

WHY?

- **92% of the earth's inhabitants** today are exposed to poor air quality, according to the WHO, particularly in large cities.
- To fight against pollution and purify the air in towns, **developing vehicles that run on a hydrogen fuel cell is a major lever.**
- Like battery-driven electric vehicles, those running on a hydrogen fuel cell **emit no CO₂ or other pollutants**, and if renewable power resources are used for electrolysis, **the carbon balance is excellent.**
- **Vehicles running on hydrogen fuel cells have a very high autonomy:** 350 km for a bus, and 500 to 700 km for a sedan with a charging time that is equivalent to that of thermal vehicles.
- But for towns and companies to invest more in vehicles that run on hydrogen fuel cells, they need to have **charging stations** set up at strategic points in a town.

HOW?

- ENGIE handles the **integration, operation and maintenance** of hydrogen filling stations.
- Its wide partner network enables the Group to offer a **complete turnkey solution** that is tailored to local challenges.

FOR WHOM?

- **Local authorities** that want to offer an innovative clean-transport solution for buses, service vehicles, delivery vehicles, taxis and other uses that require zero-emission vehicles that are easily charged.
- **Public-transport operators** that use buses running on hydrogen fuel cells.
- **Companies** looking for a cleaner vehicle fleet with a low carbon footprint, particularly for goods transport.

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or get in touch with one
of our transport experts?**

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