

All about CNG

Compressed Natural Gas

The energy transition is moving fast and alternative energies are being developed, like NGV, Natural Gas for Vehicles.

NGV is a natural gas used as fuel. It is an immediate alternative to conventional fuels for all fleet vehicles.

Don't get lost in all these acronyms! NGV includes CNG, Compressed Natural Gas and LNG, Liquified Natural Gas.

What is natural gas composed of? It is a blend of light hydrocarbons mainly composed of methane naturally present in certain porous rocks.

Natural gas is used as an energy source for various purposes: residential, industrial or power generation. And its use as a fuel is increasing.

But in concrete terms in a vehicle? CNG is a fuel stored in one or more tanks under high pressure, between 200 and 250 bars*.

**depending of the country*

CNG is suitable for all types of vehicles: trucks, light commercial vehicles and even passenger cars.

And how is it transported to service stations? Natural gas is transported via ship or pipeline. It then travels through an underground grid that supplies service stations.

Once at the station, the gas is compressed then stored. CNG is then available for filling. And even if the dispenser and the nozzle are different, filling is always easy!

And what are its advantages? A CNG engine is quieter** and meets the highest pollutant emissions standards. And a CNG vehicle can prove more cost-efficient** than a Diesel or gasoline one depending on the customer's use.

***than a Diesel or gasoline engine*

And what about the CNG market? CNG is being gradually rolled out in Europe, led by Italy and Germany. And transportation professionals are speeding up their conversion to CNG, especially in France, Belgium and the Netherlands.