



— GABRIEL PANKOW

# Mobility of the future: 7 reasons speak for hydrogen

**From 2035, no more new internal combustion vehicles will be registered in the EU. But with battery-powered vehicles alone, there is a threat of gridlock. Trucks and buses, for example, would not get far on battery power because of their weight. Seven reasons why hydrogen is a key technology for future mobility.**

## — 1. Trucks and buses: hardly any future without hydrogen

Fuel cells are very well suited for use in heavy-duty transport. Trucks, buses, trains and ships need a lot of energy because of their heavy weight. This means that battery-based electromobility is reaching its limits. Hydrogen and fuel cells can play to their strengths: Long range and short refueling stops.

## — 2. Whether start-ups or large corporations: series production has already begun.

Established truck manufacturers and start-ups are driving the development of fuel cell trucks. Suppliers and OEMs have already entered small-scale fuel cell production. New production facilities with larger manufacturing capacities are being planned or built, including in Germany.

## — 3. Price decline: hydrogen can be produced more and more cheaply

Many regions of the world have expanded renewable energies in recent years. As a result, the so-called electricity production



