



IT'S TIME FOR A REVOLUTION
— POWERED BY HYDROGEN

The energy of the future. Here. Now. Ready to go.

A true energy revolution only makes sense when it's widely accessible, practical, and local. That's why we deliver systems that everyone can use – comfortably, safely, and sustainably.

Discover the solutions created by the pioneers of hydrogen mobility.

The future is closer than you think. Power it with hydrogen.

We offer a complete and user-friendly H₂ ecosystem – from vehicles to local green hydrogen production and intelligent refueling infrastructure.

OUR SOLUTIONS ADDRESS REAL-WORLD NEEDS:



Citizens

daily emission-free mobility. No long charging times, high range – the new standard of urban movement.



Local Authorities

green transformation of cities through modern public transport systems. Real sustainability – no lithium battery replacements, with local green hydrogen production.



Companies

intelligent operational mobility. Private refueling stations, fast hydrogen refill, zero emissions. Logistics that move faster than charging cables.

Switch to hydrogen-powered mobility



The Original H₂ Bike

2 min Refueling

The hydrogen bike can be fully refueled in just 2 minutes.

150 km Range

Advanced technology allows the bike to achieve an unmatched range of up to 150 km.

Zero Lithium

The latest version of the bike and power system contains no lithium batteries – a truly green choice.

Reliable Performance in All Seasons

Temperature doesn't affect range – the bike performs consistently in heat and cold.

Fuel Cell Longevity

The hydrogen fuel cell has a lifespan of 15 years – several times longer than traditional batteries.

Hydrogen Cargo Bike

Full refueling in just 2 minutes

From 75 km range – regardless of weather conditions

No lithium battery

Compatible with various cargo boxes

Load capacity: 150 kg / 1400L

**Ideal for companies delivering goods in urban areas
– the perfect last-mile logistics solution**

Legal on bike paths, easy to park



**TRANSFORM YOUR
H₂ BIKE INTO A COMPACT
CARGO VERSION!**



With a smart cargo extension you can turn your standard bike into a compact transport version.

Equipped with a center stand and a platform that holds up to 40 kg, it enables you to carry a child (with a certified child seat), dog, shopping, or parcels – while keeping the compact size of a regular bike!

Hydrogen Ecosystem for Refueling and Production

Production capacity: 1 kg of hydrogen per day, the possibility of extending to 2 kg.



Hydrogen Production Station

Engineered for cities and companies – a modular green hydrogen station that fits where innovation meets efficiency.

- ▶ **Production capacity:** 1 kg of hydrogen per day, the possibility of extending to 2 kg
- ▶ **Supply capacity:** up to 100 bikes daily
- ▶ **Requirements:**
 - 10 liters of water (connected to municipal water supply)
 - 70 kWh of energy per day (from renewable sources – e.g. solar panels)
- ▶ **Installation area:** just 5 m²

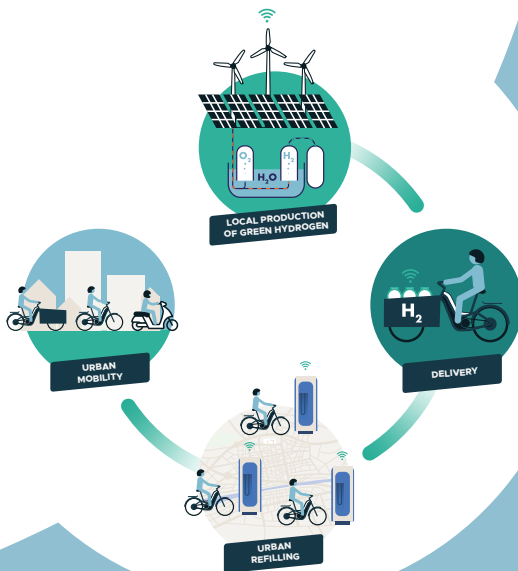


Hydrogen Distribution Station – Fast, Autonomous, Intelligent

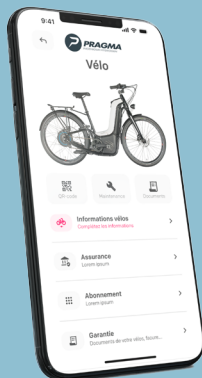
An advanced hydrogen fueling facility tailored for public and fleet operations.

- ▶ **Fully automated** and maintenance-free
- ▶ **Storage capacity:** from 2 to 8 kg of hydrogen
- ▶ **Ultra-fast refueling:** just 2 minutes
- ▶ **Connectivity:** 4G or integrated Ethernet – full integration with the bike and mobile app
- ▶ **RFID user identification** – secure and seamless access control

Closed Hydrogen Ecosystem – Local Production, Fast Refueling, Full Independence



- **Short circuit** between production, distribution, and consumption
- The entire **system functions in a local loop** – hydrogen is produced, stored, and used on-site, eliminating transport losses and costs
- **No batteries, no chargers** – truly sustainable mobility
- Hydrogen bikes **do not require long charging times** or costly electrical infrastructure
- **No need to replace used batteries** (expensive and ecologically problematic) – fuel cells last 15 years!



Smart Fleet Management – Intuitive and Remote

- Locate your vehicle in real time
- Monitor energy levels and define permitted movement zones
- Find the nearest refueling station and check live availability
- Remotely disable the motor if needed
- Detect and report errors instantly

Tomorrow's Mobility Available Today.

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