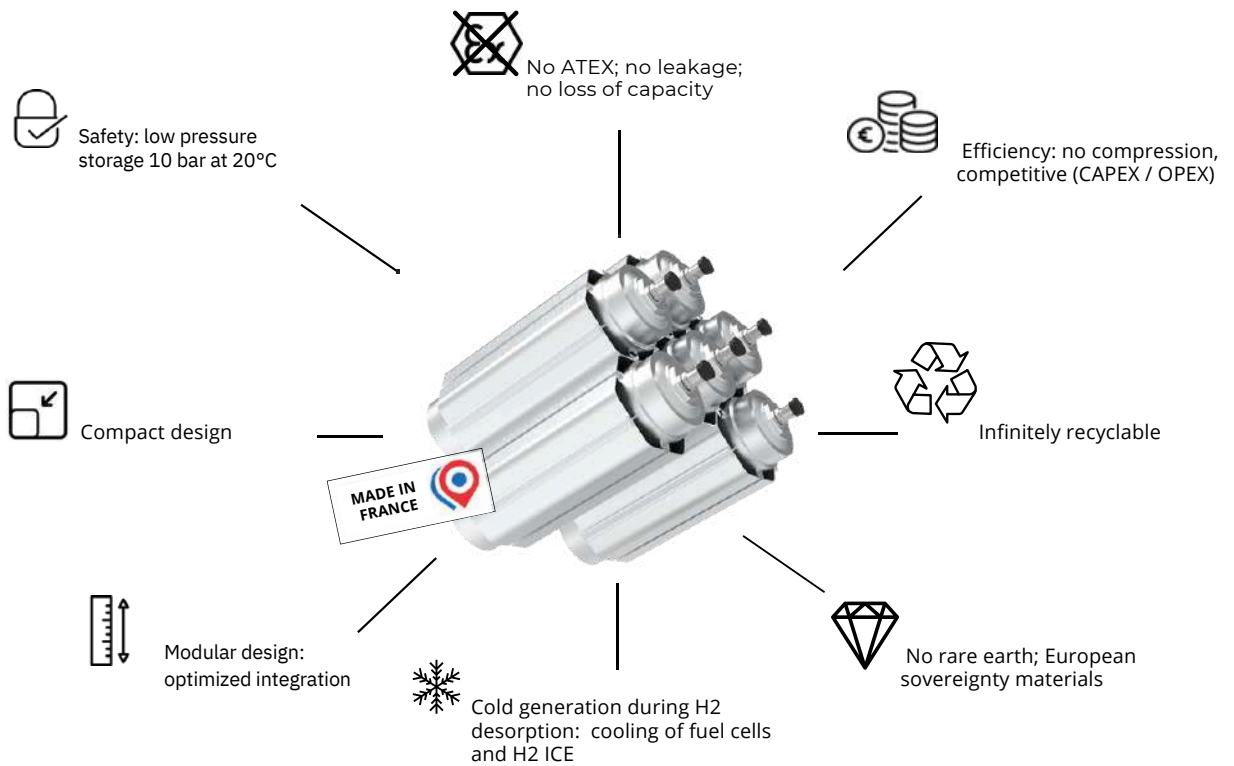


# SOLID

# HYDROGEN STORAGE

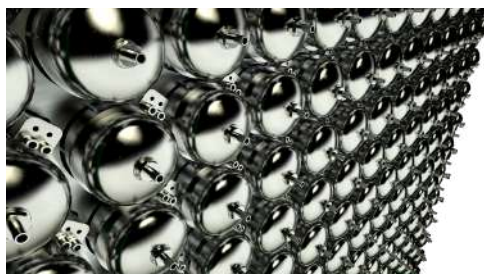
Your turnkey solution for **mobile** & **stationary** applications

# HYDROGEN STORAGE, IT'S A SOLID CHOICE !



## REVOLUTIONIZE YOUR HYDROGEN STORAGE APPROACH

**INDUSTRIES DECARBONATION**  
**LARGE CAPACITY STORAGE**



Our tanks can be integrated into your large-scale industrial storage projects from 0.5 to 10 T: decarbonisation of industries, buffer and renewable energies storage, power generators, etc. A solution that enables you to increase the level of safety, reduce CAPEX, land costs and H2 costs, improve performance and operating costs and facilitate maintenance.

### EX. 10 FOOT CONTAINER

- 224 kg stored hydrogen
- 7.5 MWh total stored energy

Whether for home self-consumption systems, integration into buildings, powering boilers or even providing temporary energy, our technology paves the way for a clean and efficient energy transition.



## EX. SELF-CONSUMPTION ENERGY SYSTEM

Our system captures and stores excess solar energy in the form of hydrogen, for use between seasons. It integrates an electrolyser, our hydrogen tanks, a lithium-ion battery and a fuel cell for maximum efficiency.

MINCATEC Energy tanks can be fitted to all types of vehicle for low-carbon mobility.

- Public works and handling equipments
- Airport and port vehicles, agricultural and vineyard machinery
- Railway applications
- Sea and river boats
- Light vehicles, private and commercial



## EX. HANDLING MACHINES

Detailed technical studies

### Advantages:

- Modular storage from 5 to 60 kg H<sub>2</sub>
- Mass use as counterweight
- Safe and efficient solution
- High flow rates



## EX. 100% HYDROGEN VEHICLE

Metal HYdride Tank Innovative Car

### Performances:

- Autonomy: 180 km
- Loading time: < 10 min
- Cold start : -7°C
- Storage : 1 kg H<sub>2</sub> solid



# WHO ARE WE ?

Discover **Mincatec Energy**: innovation leader in solid hydrogen storage. Our metal hydride-based tanks offer an efficient and competitive solution, the fruit of years of R&D.

Founded in December 2020, Mincatec Energy embodies the future of hydrogen by offering a safer, more efficient and environmentally friendly alternative to conventional hydrogen storage technologies.



*As Chairman of Mincatec Energy, I am deeply convinced of our essential role in terms of social and environmental responsibility. Our company is firmly committed to promoting sustainable development, particularly through the circular economy, significantly reducing our carbon footprint, and preserving natural resources.*

Yann GENNINASCA



## OUR CERTIFICATIONS AND LABELS



## CONTACT US ?

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