

# Hydrail retrofit



Area: H2 end uses in transport

SME specialized in:

- Development and production of safety signalling systems used on railway infrastructure and rolling stock
- Preventive and corrective maintenance
- More than 30 years of experience
- Export to more than 50 countries
- More than 200 employees
- 100% privately owned

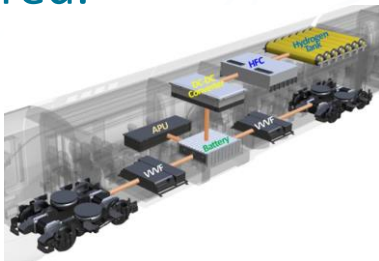


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## Why retrofit with hydrogen?

Hydrail vehicles are typically hybrid vehicles with renewable energy storage, such as batteries or super capacitors, for regenerative braking, improving efficiency and reducing the amount of hydrogen storage required.



Potential applications include all types of rail traffic.

- Additional solution for decarbonisation of transport: retrofitting existing diesel locomotives with hydrogen fuel cell (HFC) technology
- Alternative to decommissioning of old diesel locomotives
- Zero emissions in transport
- Cost efficient solution for non-electrified track
- Lower maintenance costs, improved reliability and easier to service
- Less noise and vibration benefiting the ride and passenger comfort

# Potential partners

