



Turnkey solution to Decarbonising Power Generators

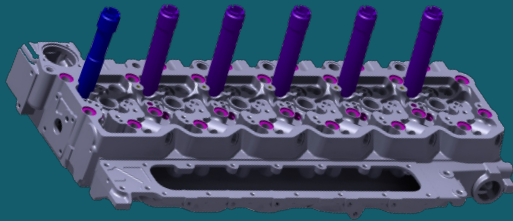
RH2 COMPETITION
WINNER OF THE

concours d'innovation

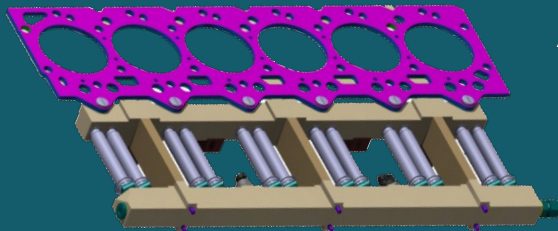
i-Lab

A DECARBONISATION KIT FOR DIESEL GENSETS

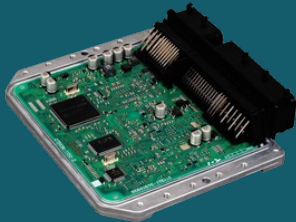
- **Immediate full-decarbonation**
- **Compatible** with any diesel engines
- **Low Cost** (Reuse of existing engines)



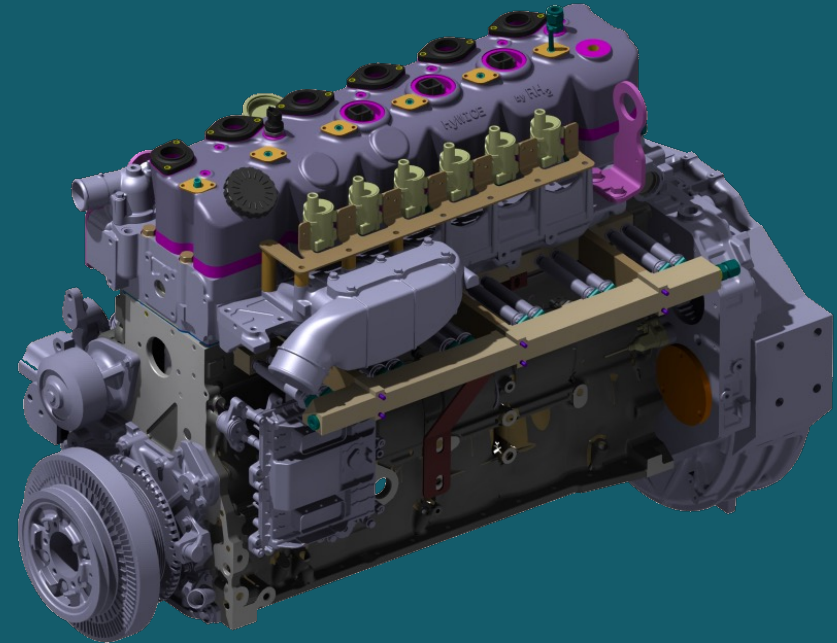
Diesel injectors are replaced by spark plugs with coils



A unique (patented) universal retrofit spacer integrating H_2/H_2O injectors



A dedicated calculator managing combustion timings to allow for power and efficiency



→ The HyWICE process is an **innovative solution, protected and recognized by the BPI** (RH2 winner of the I-lab competition)

1ST MARKET POWER GENERATORS

Problem

- Gensets are using fossil fuels
- Power generators increasingly targeted for reduced CO₂ emissions and NO_x pollution
- Zero-emission alternatives are expensive

Solution

- Apply the RH2 retrofit to existing gensets

Benefits

- Immediate decarbonation
- Circular economy → positive image
- Rapid conversion times
- Reduced costs compared to alternatives

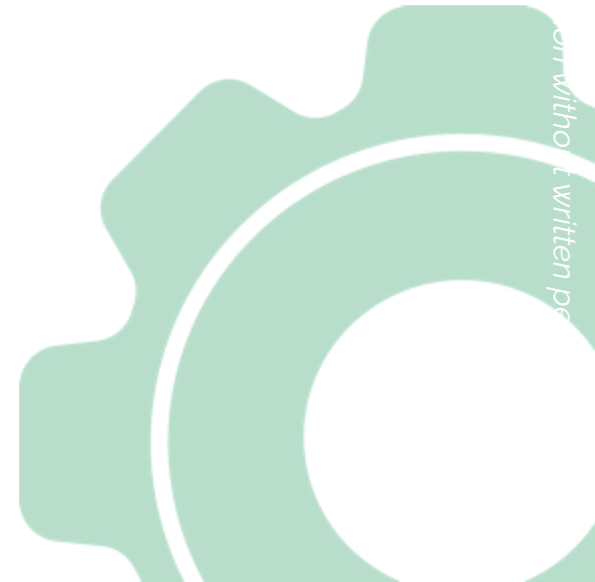
Our proposal : a joint deal

- We bring apply our technology it to your fleet
- We bare 50% development costs for the 1st one
- We offer a lowered costs for the next ones



NEXT TARGET - THE LARGE POWER GENERATORS (1 MW)

- RH2 technology can be applied to **any diesel engine**
- Large gensets used in Datacenters, large events, construction sites, Hospitals, green houses
- Retrofit is similarly applicable with same benefits



GRADUAL MARKET ROLL-OUT

- RH2 technology is applicable to any diesel engines
- A gradual approach maximises speed-to-market and quick revenues

2026 Mid-size power generators

- 2000 C4.4 Gensets in France
- Sale of turnkey solutions



2028 Mid-size off-road

- Same engine as gensets
- 1,000 engines retrofittable in France only
- Partner agreement signed



2027 Large power generators

- Enter by-product H2 industry (chlorine)
- 500 large Gensets France
- 10 large Caterpillar Engines for Indonesia (*proposal under negotiation*)



2028-2030 Heavy mobility

- Enter heavy mobility market
- 12 M trucks and buses by 2040
- **Largest potential**



- Financing need 2M€
- Company value 5M€

TAKE-AWAYS

- Genset Market is large
- Decarbonation pressure is increasing
- Our technology is mature and protected
- Alternatives not economically attractive
- Business Roadmap is clear
- 1st customers identified
- Longer-term view prospective is huge
- Heavy mobility (2030)



« Decarbonating diesel engines via hydrogen retrofitting
is a credible and economically viable alternative »

THANK YOU FOR YOUR ATTENTION

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