



## **Mobila fosilfria kraftverk och reservkraft**

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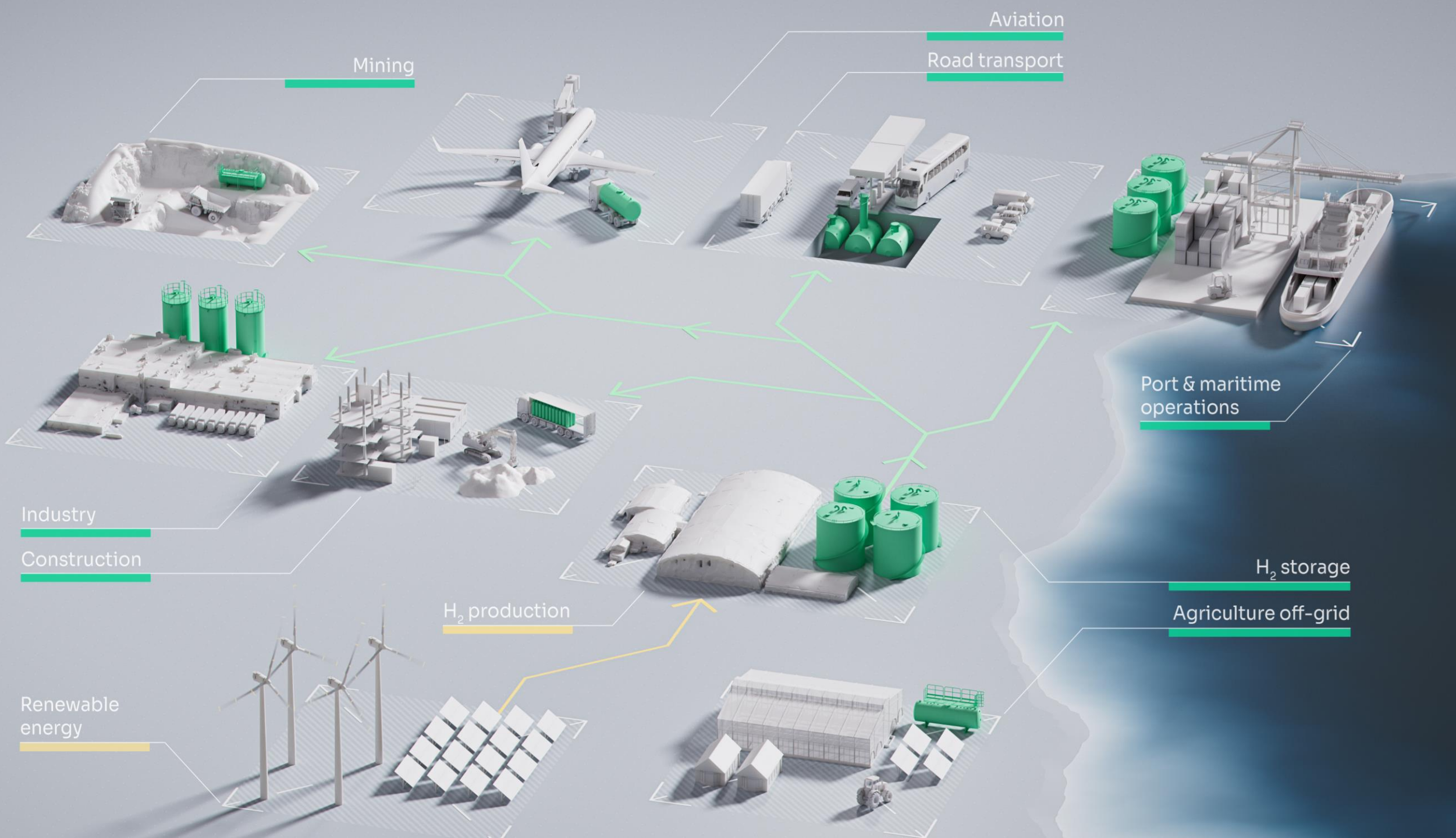
Leading Fuel Cell technology built on  
25 years of R&D & IP

Spin-out from the Volvo Group in 2009

Listed on NASDAQ since 2014

HQ in Sweden with global presence  
Planned establishments in UK & US

Strategic partners & customers  
to drive business



Mining

Aviation

Road transport

Port & maritime operations

Industry

Construction

H<sub>2</sub> storage

Agriculture off-grid

H<sub>2</sub> production

Renewable energy



# Marine



Passenger



Fast Ferries



Cargo Vessels



Large Yachts

# Stationary



Prime Power



Back-up Power



Peak Shaving



Shore Power

# Off-Road



Material Handling



Mining Equipment



Agricultural



Construction

# Aviation



Passenger planes



Drones



eVTOL

# On-road



**BOSCH**  
Invented for life





## Temporary Power



10 kW

## Off-Grid Power



100 kW

## EV Charging



200 kW









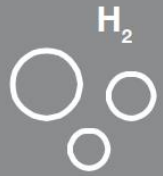






## Hydrogen in

The system uses hydrogen as an energy carrier which is supplied by external tanks.



## Conversion

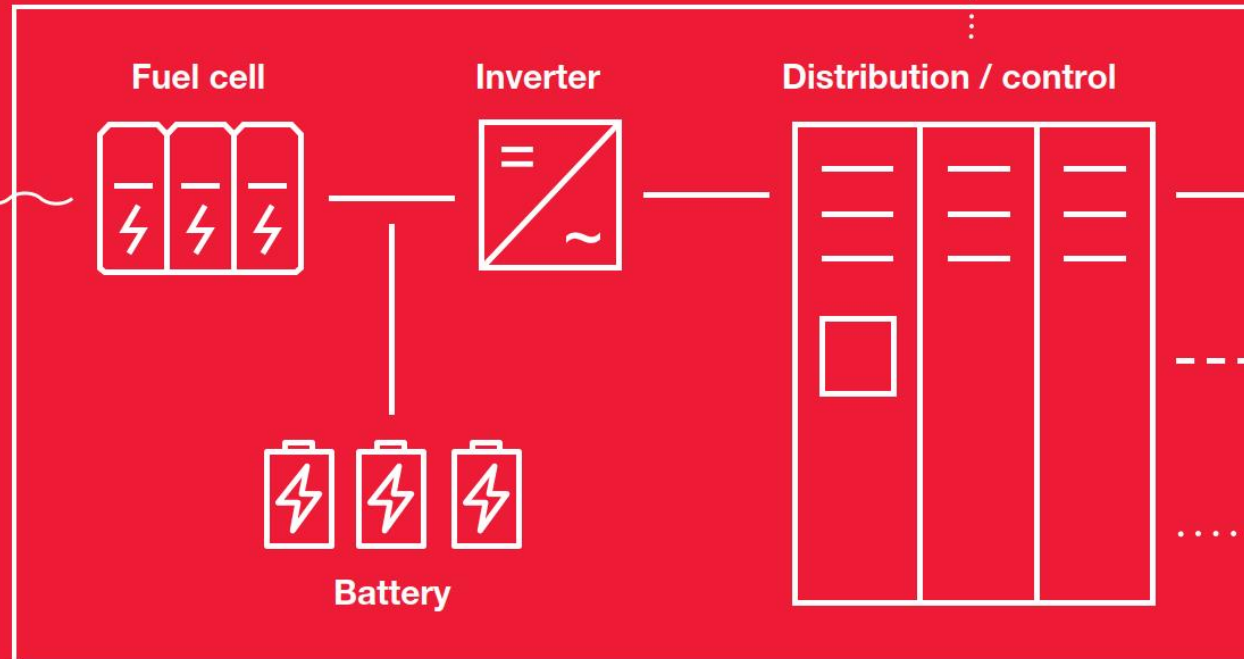
Using the latest fuel cell technology, hydrogen reacts with oxygen forming water and releasing energy.

## Remote monitoring



## Electricity, heat and water out

The AC output can power a variety of systems and adapts flexibly to the load.





## Backup

- Data Centers
- Hospitals
- Media / TV / Radio
- Sub stations
- Critical industries

**Clean backup power for durations beyond the capacity of batteries**

## Intermediate

- Construction
- Mining
- Temporary infrastructure
- Wayside charging
- Seasonal heating

**Deployable, distributed and flexible green power generation**

## Continuous

- Logistic hubs
- Large factories
- Surplus hydrogen operations
- Green Cities
- Off-grid communities

**Large operations dependant on fossil fuel based power generators**



**Clean**



**Delivers clean power, heat and water without CO2, NOx, SOx, smoke or noise emissions**

**Deployable**



**Easy to be lifted, transported and redeployed whenever and wherever you need it**

**Convenient**



**Plug and play product optimized for ease of use and reliability**

**Flexible**



**Configurable product which covers a wide range of applications, options and networks**

**Safe**



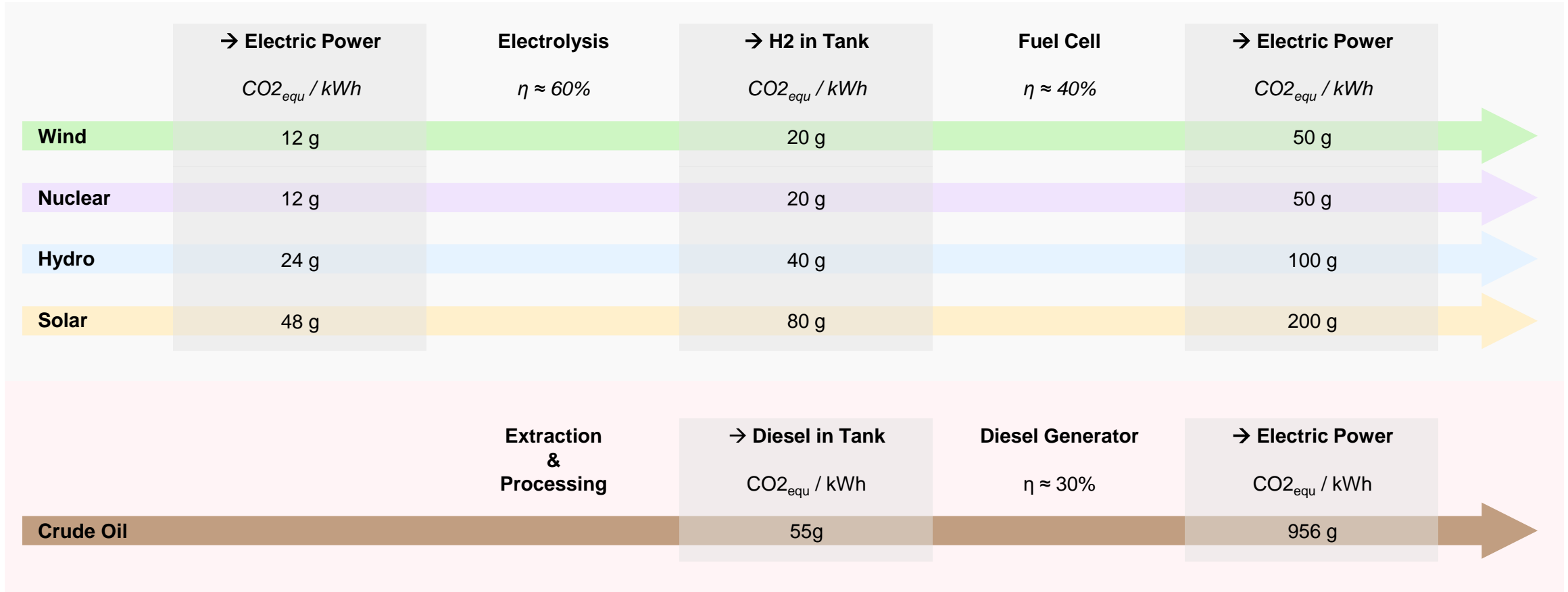
**Developed in Europe according to applicable international safety standards for fuel cell systems**

**Pioneering**



**In combination over 100 years of world leading expertise in fuel cell technology and systems integration**





The life cycle emissions of the HyFlex™ are up to ~20 times lower compared to fossil fuel based generators.

## Main drivers:

- Cost of fuel
- Carbon taxation
- Operating hours

↑ Operating hours  
=  
↓ CAPEX relevance

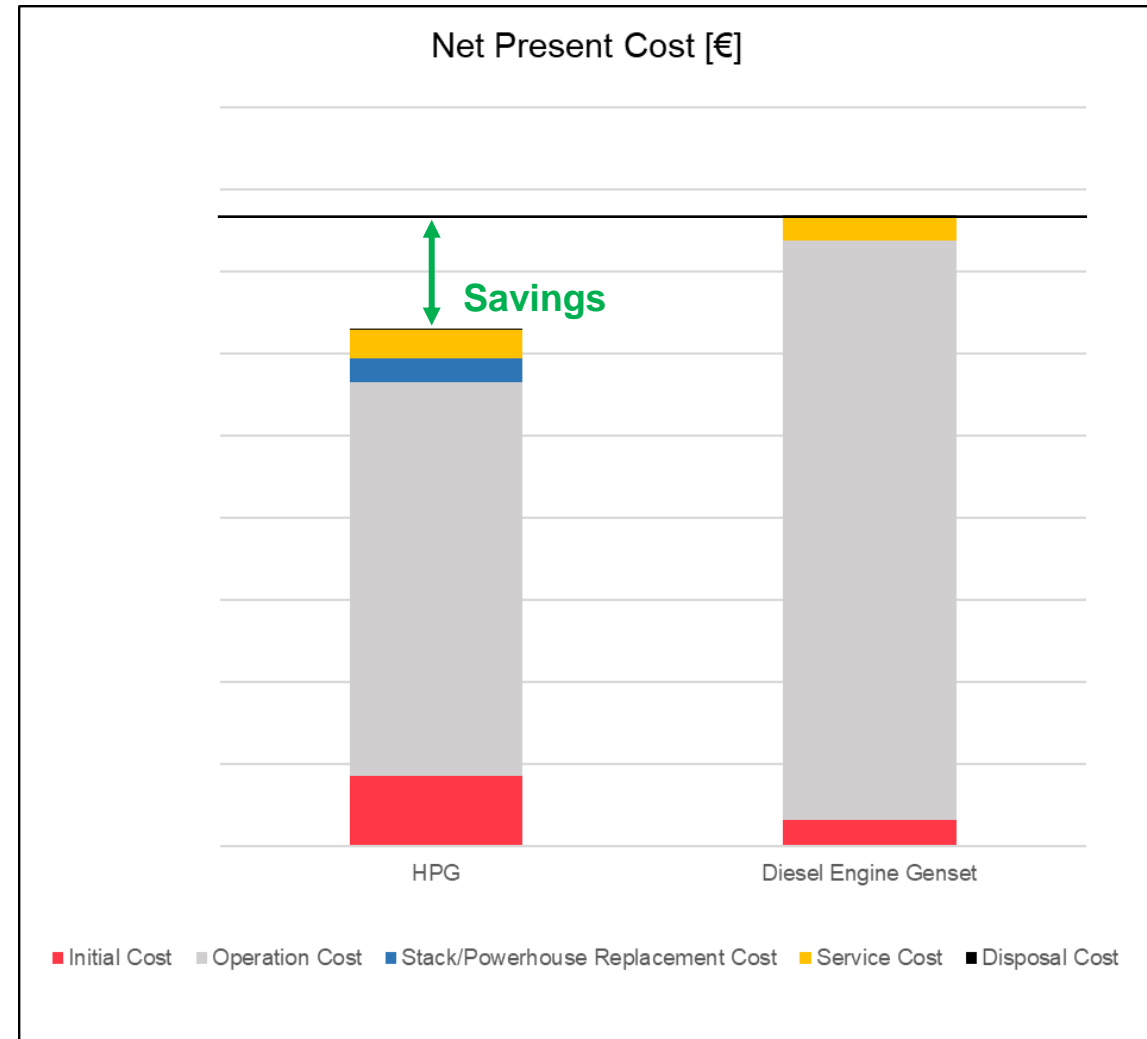
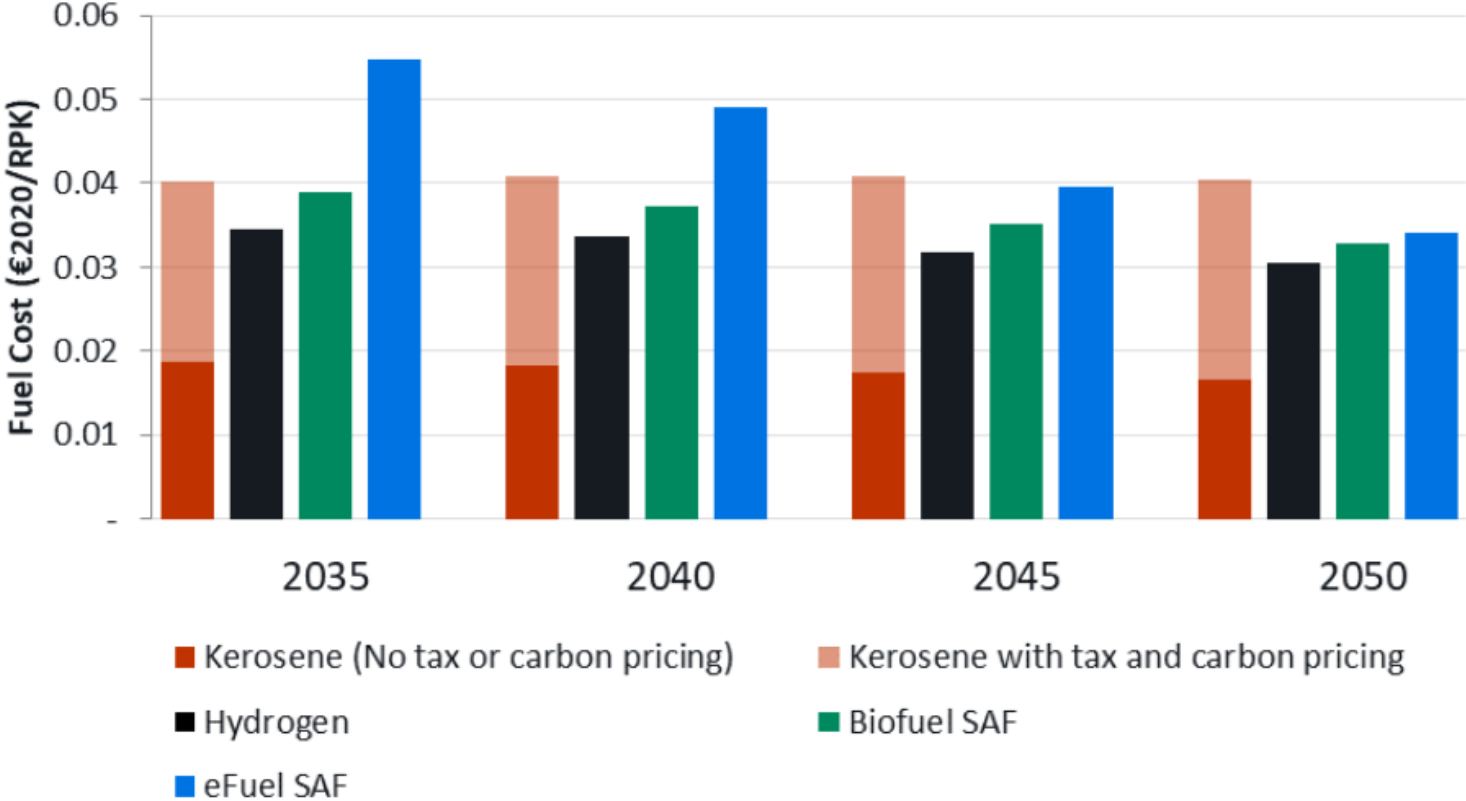




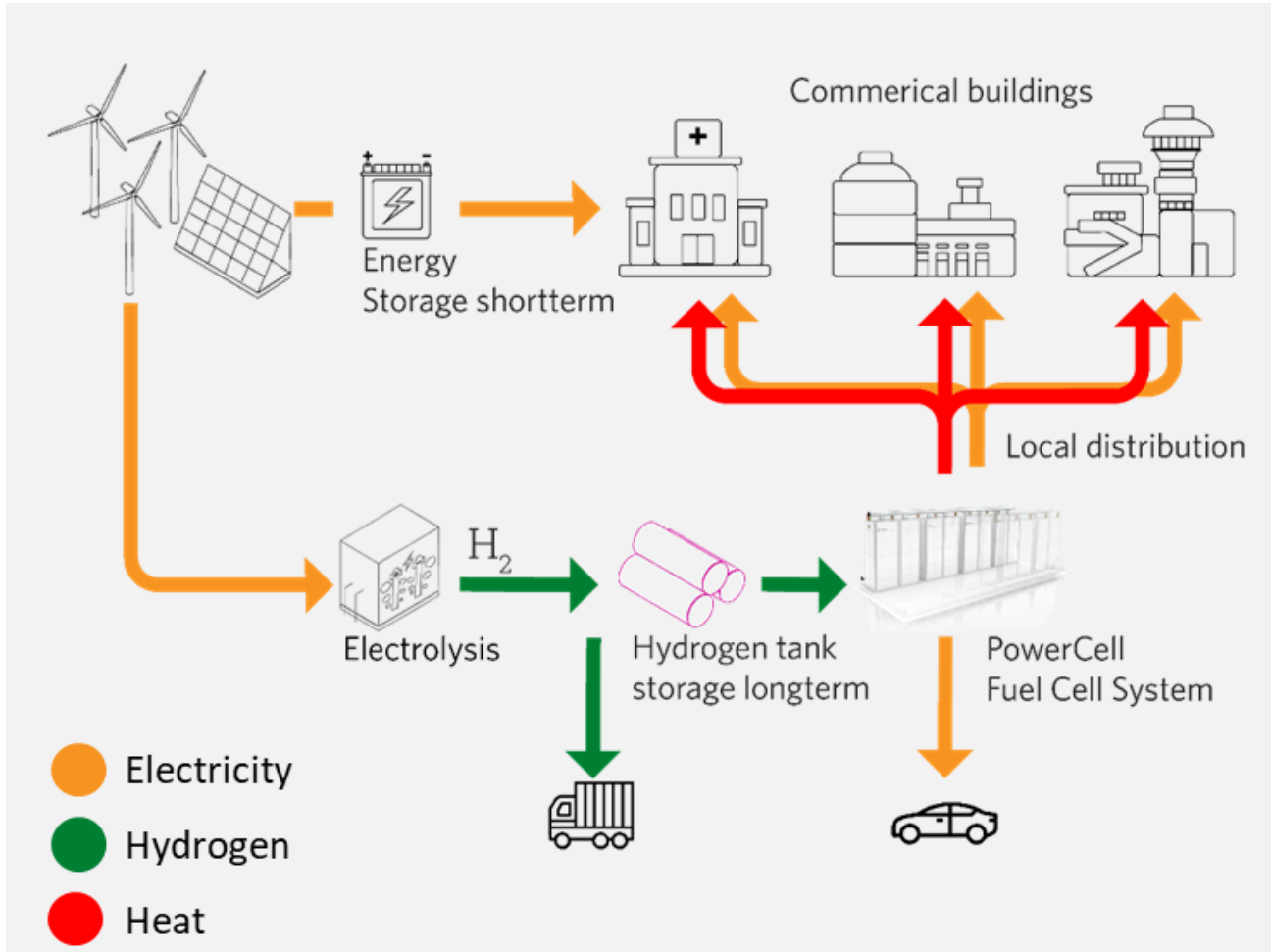
Figure 4.13: Hydrogen cost vs. kerosene and SAFs (EU Reference Scenario & Baseline Cost Scenario, 2035-2050)



**Diesel 23kr/L**  
**HVO100 28kr/L**

Source: IATA, Ricardo, TUHH, Doig + Smith, Steer analysis





## Flexibility

Power when and where we need it

## Heat – an asset

Possibilities through cooperation to use the heat produced in local district heating

## Off-grid possibilities

Offers mobile or permanent installations, as an alternative to investments in extra grid capacity







PowerCell Group

