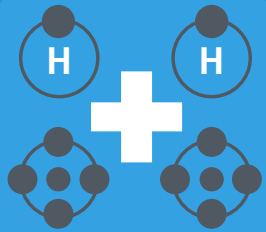


Hydrogen technologies: How it works!

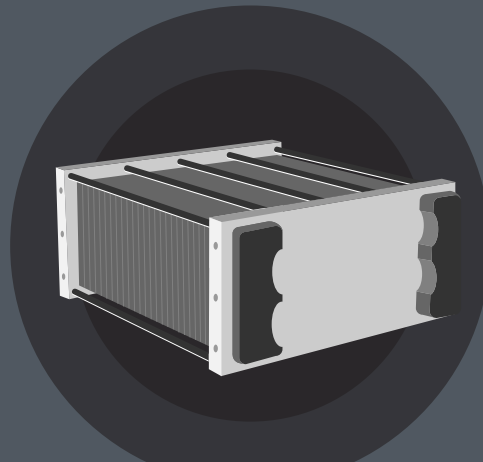


Hydrogen

- Most abundant chemical substance in the universe
- Simplest, lightest element

BENEFITS

- Safe and non-toxic
- Produced using any primary source, especially renewables
- Promoting renewables



Fuel Cells

- Devices that generate electricity from a chemical reaction between hydrogen & oxygen

BENEFITS

- Clean
- Less or zero depending on primary energy used
- **X2** Energy Efficiency

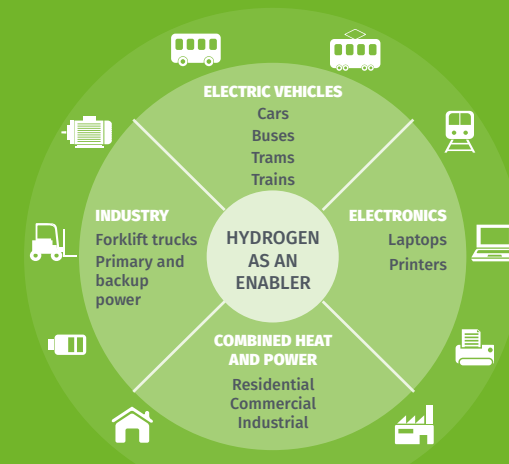


Electricity

BYPRODUCTS

+ Heat

+ Water



Wide range of applications

BENEFITS FOR USERS

Vehicles

- 0 g/km
- Refuelling time 3-5 minutes
- Greater range (400-600 km)
- Very low noise levels
- No harmful emissions

Portable apps

- Off-grid
- Longer runtimes
- Rapid recharging

Stationary

- Higher efficiency
- Lower GHG emissions
- No vibrations