

Why hydrogen?



Most common substance in the universe



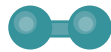
No greenhouse emissions



Produced from many energy sources



Can be made cleanly using water



Higher energy density than batteries when compressed



Can be stored as a liquid or gas



Can be stored, transported & exported

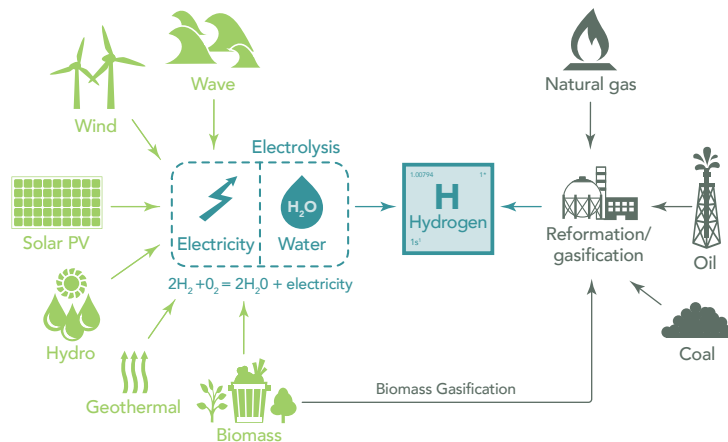


No more or less safe than petrol or diesel fuels



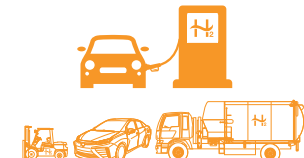
Can provide energy to all parts of the economy

Where hydrogen comes from



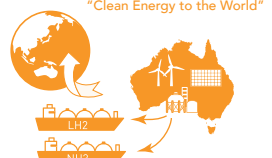
Hydrogen opportunities

Refuelling transport vehicles



Export to overseas

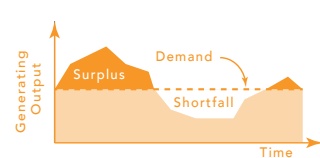
"Clean Energy to the World"



Stationary power applications



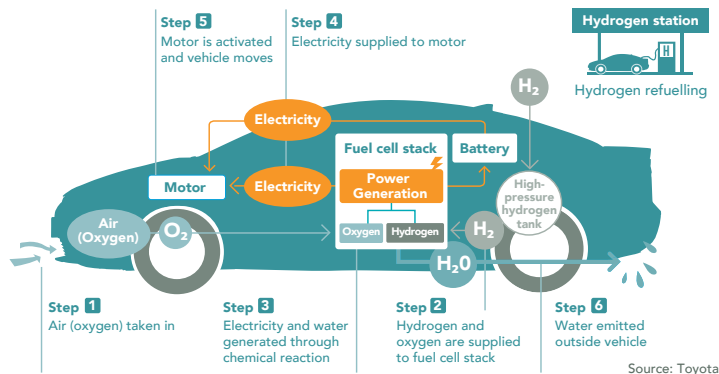
Smoothing fluctuations in renewable energy and storing surplus



Members

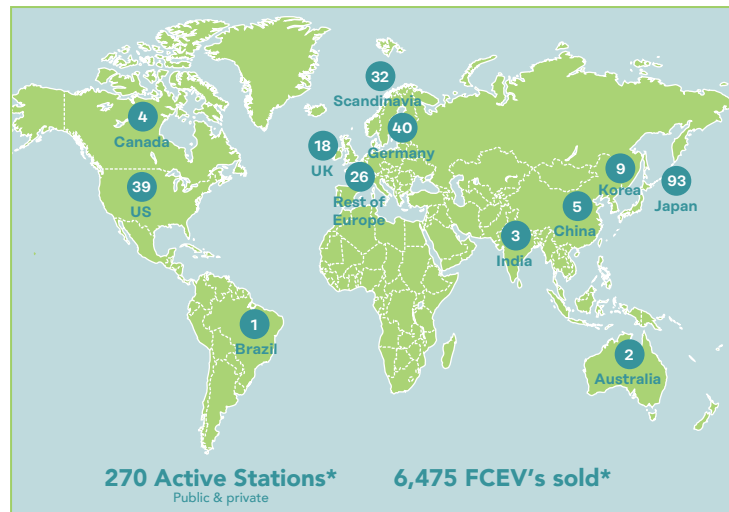


Vehicle operating principles

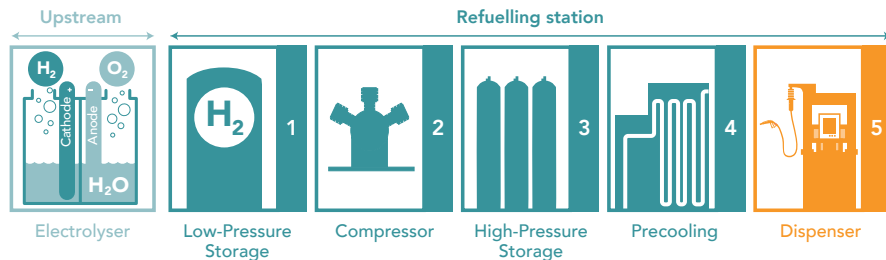


- Quick & easy to refuel
- Emits nothing but water vapour
- Smooth & quiet ride
- Drives like a normal car
- Long travel range
- Zero CO₂ while driving
- Comparable running costs

Hydrogen refuelling infrastructure



Components of a hydrogen refuelling station



HMA Lighthouse Project

