

Woodside and Hydrogen



Woodside

The Opportunity

Climate change, consumer sentiment, and lower cost of renewables is increasing demand for clean energy.

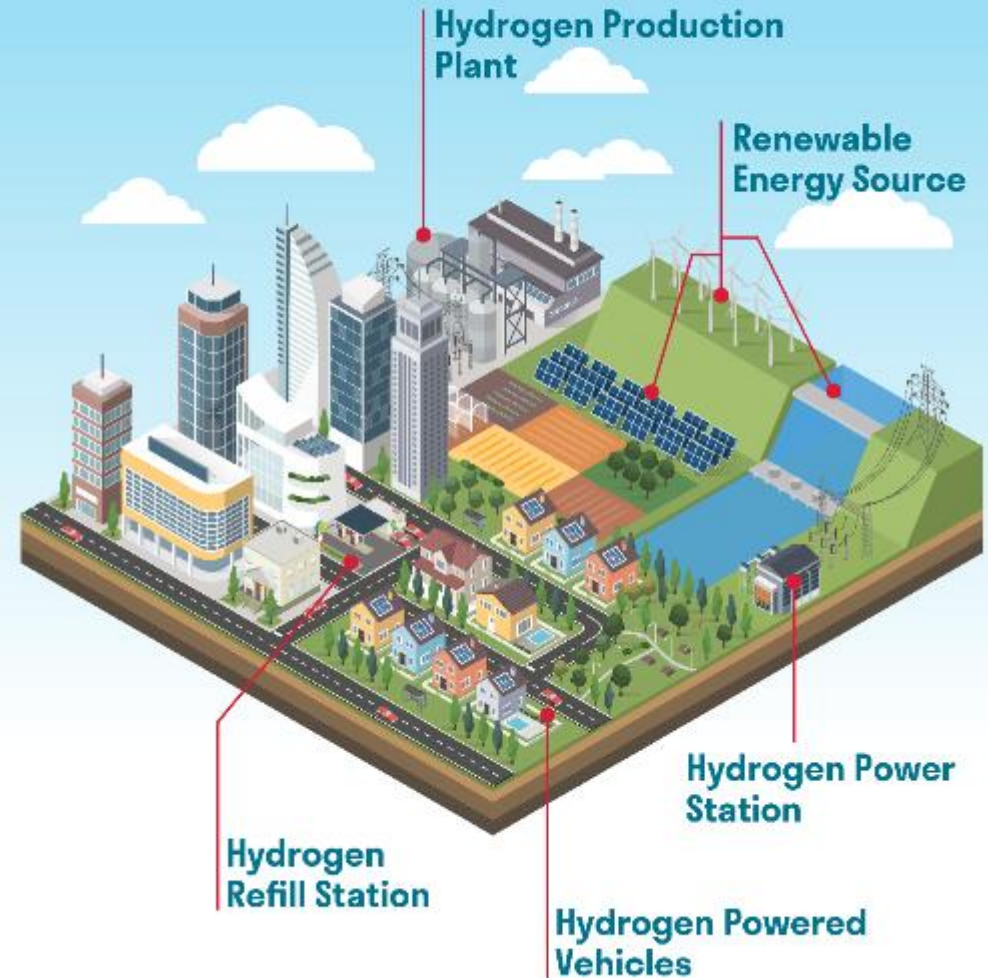


Hydrogen Use

For heat, transport, and power

Making basic chemicals

Possibilities: Liquefaction for transport
& shipping fuel



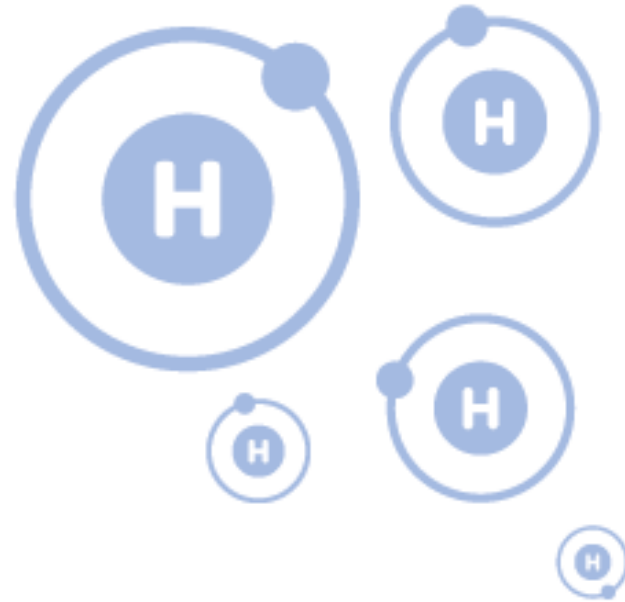
What is Hydrogen (H₂)

The most abundant element

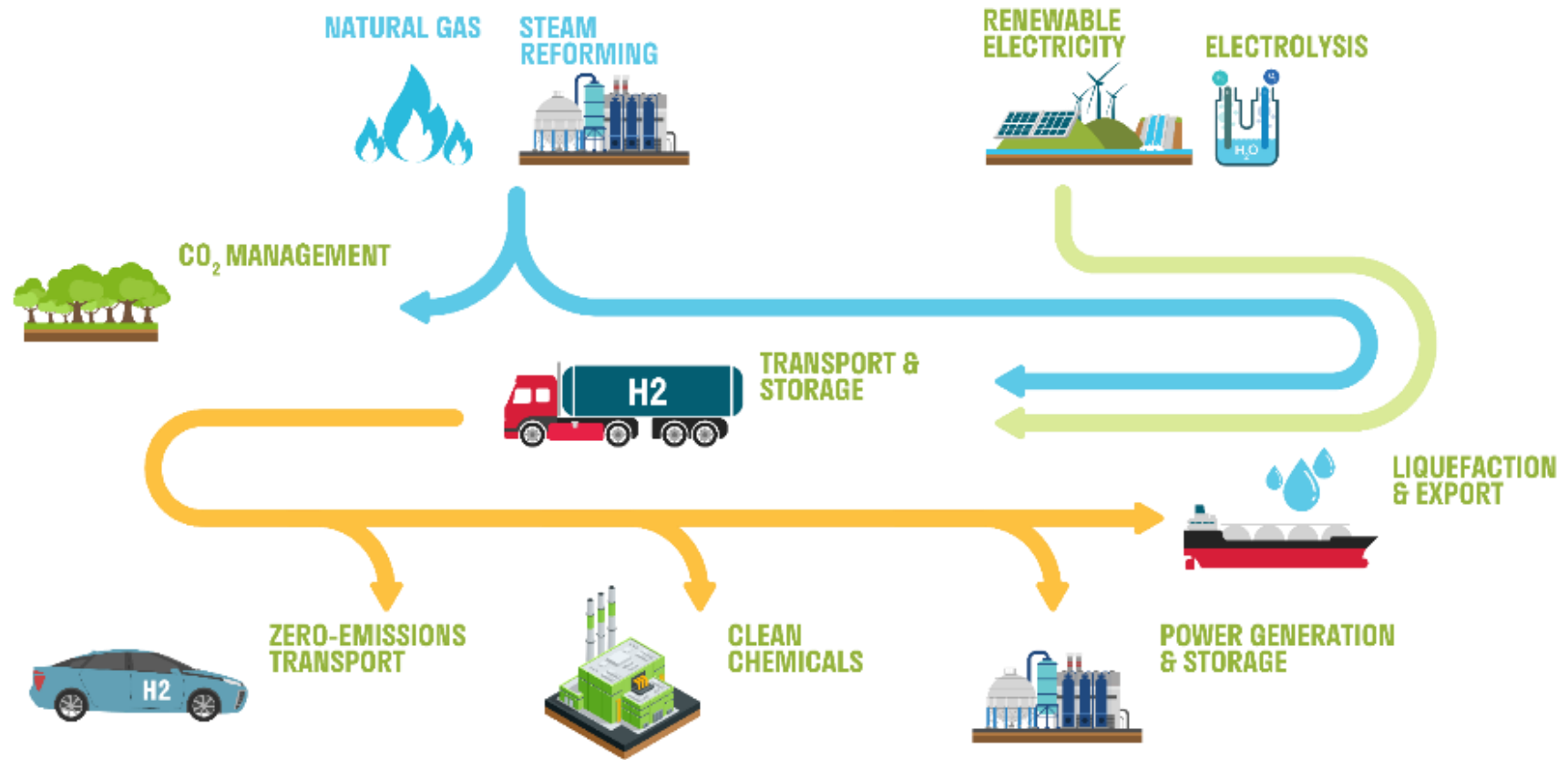
Can be stored and transported

Enables storage and export of renewables

No harmful emissions, just pure, clean water



Hydrogen Value Chain



Is Hydrogen Safe?



Hydrogen is Happening



Voestalpine Steel Production



Coradia iLint – H2 Commuter Train



Water-Go-Round H2 Ferry



ENEFARM – Home Heat and Power



Noeul Green Energy Company FC Park



Pininfarina H2 Speed Race Car

Hydrogen Export Bridge

Develop an H2 export bridge from Australia to Korea

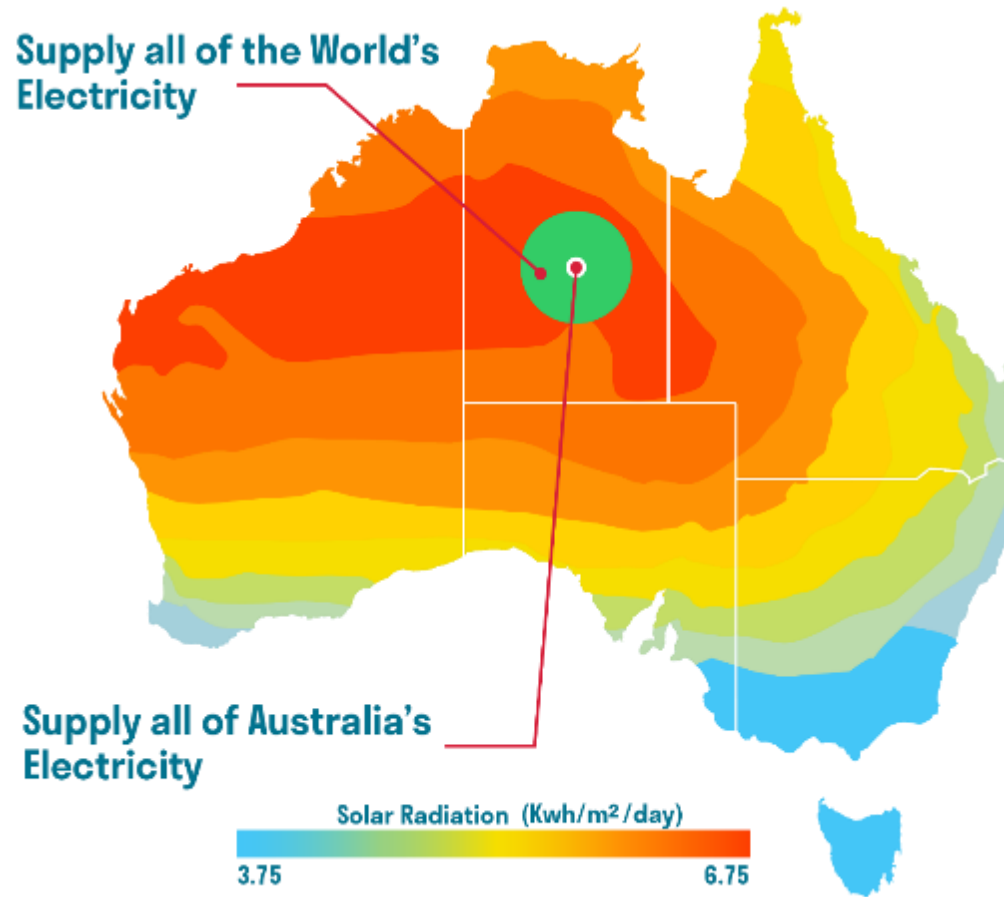
LNG and H2 are a premium green product

- Better than batteries
- For transport through to industrial use



310 H2 refuelling stations in Korea by 2022

Australia's Sunshine to Power Korea



Strong Foundation for the Future

Woodside and Korea's relationship
spans 30 years

Our LNG experience enables
hydrogen opportunities

Korea is a key partner for Woodside



경청해 주셔서 감사합니다





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