HYDROGE Nasapower source energy









WHAT'S HYDROGEN ?







ABUNDANCE

Constituting 75% of normal matter : H20, CH4 ... LIGHT

Atomic mass = 1,00784 u

FIRST ELEMENT

First element in the periodic table



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SCARCE

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Mainly exist combined with Oxygen to form Water or with Carbone to form organic matter



SPLITTING MOLECUL ES

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• HOW TO SPLIT MOLECULES ?



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 CH_{A}

Steam Reforming

Electrolysis that splits water into oxygen and hydrogen

ELECTRICITY

-4-

HYDROGEN electrolysis into FUELCELL









HINDENBUR G DISASTER May 6, 1937

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36 fatalities



ADVANTAGES



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ENERGY DENSE

Go further with hydrogen with the same amount of fuel compared to petrol

QUICK REFILL

Quicker refill compared to batteries in electric cars



ISSUES



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PRICE

We have to build all the infrastructures to use hydrogen fuel



SUSTAINABILITY

Mainly produced by fossil fuel. Should use much more renewable energy





Do you think you could use Hydrogen in your future ?

In your opinion, is it a good thing to start using Hydrogen even if it's not fully green yet ?



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