PHI SUEA HOUSE PROJECT

WHAT IS HYDROGEN?

Hydrogen Facts

1. **H** HYDROGEN — *HENRY CAVENDISH* DISCOVERED THE ELEMENT IN **1766**

2. *THE FIRST HYDROGEN POWERED CAR WAS INVENTED IN* **1806** *BY FRANCHOIS ISAAC DE RIVAZ*

3. **2014** 1 st MASS-PRODUCED FCEV: HYUNDAI TUCSON FUEL CELL

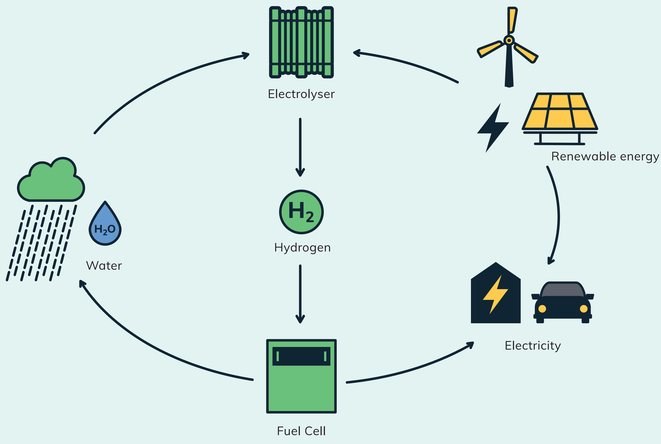
4. MOST ABUNDANT CHEMICAL STRUCTURE IN THE UNIVERSE.

   LIQUID HYDROGEN WAS USED BY NASA TO LAUNCH SHUTTLES IN TO SPACE

5. **40 - 60%** *EFFIENCY OF HYDROGEN ENERGY BY FUEL CELL DRIVETRAINS*

INTERESTING FACT
INTERNAL COMBUSTION ENGINES USE ONLY ABOUT **20%** OF ENERGY FROM GASOLINE

Hydrogen contain a lot of Energy!

H_2 H_2 H_2 H_2

Hydrogen Cycle