Hydrogen fuel cell cars are electric vehicles which use the chemical reaction between pressurised hydrogen and oxygen to generate enough electricity to turn the wheels and charge the small onboard battery.

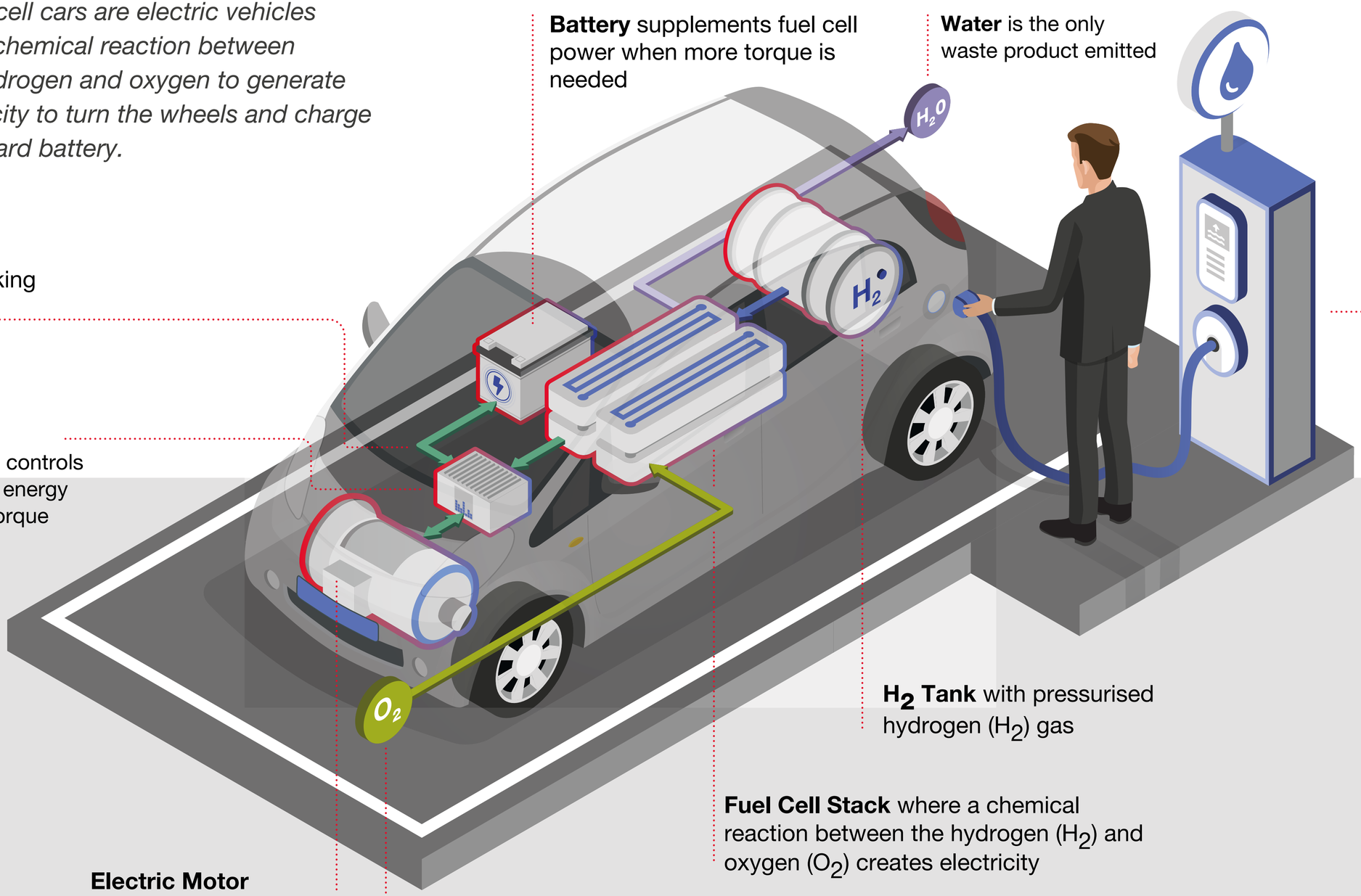
Battery supplements fuel cell power when more torque is needed

Water is the only waste product emitted

Energy from breaking recharges battery

Hydrogen tank can be refilled in 3 - 5 minutes

Power Control Unit controls the flow of electrical energy and the amount of torque



H_2 Tank with pressurised hydrogen (H_2) gas

Fuel Cell Stack where a chemical reaction between the hydrogen (H_2) and oxygen (O_2) creates electricity

Electric Motor drives the wheels

Oxygen from outside the car feeds into the Fuel Cell Stack