

How green methanol is produced from green hydrogen

Biomass power plant

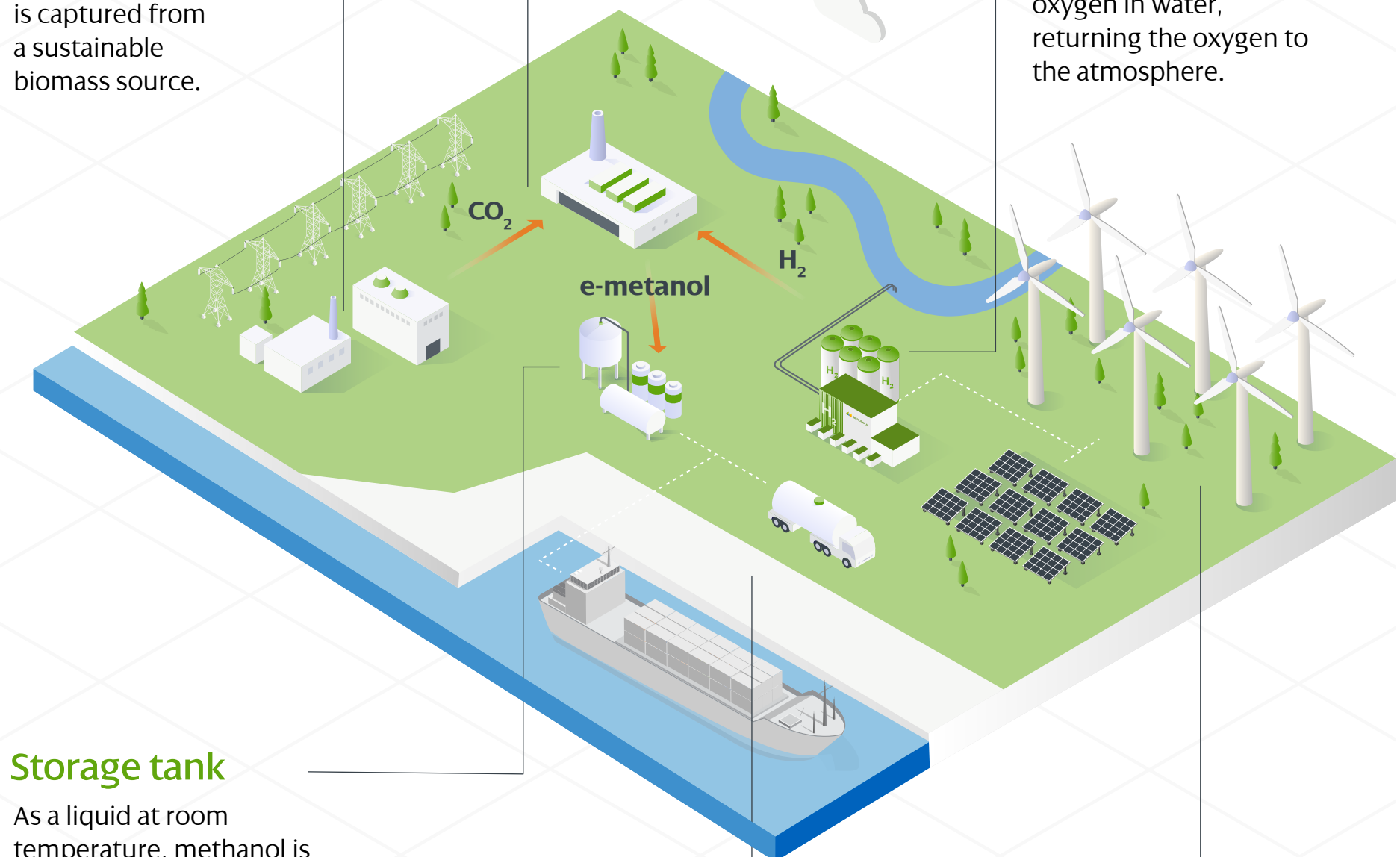
The carbon dioxide needed to synthesise green methanol is captured from a sustainable biomass source.

Methanol synthesis plant

Methanol is synthesised and distilled by chemical processes using hydrogen, carbon dioxide and water vapour.

Electrolyser

Electrolysis is the chemical process that uses electric current to separate hydrogen from oxygen in water, returning the oxygen to the atmosphere.



Storage tank

As a liquid at room temperature, methanol is easy to store and transport.

Uses of green methanol

It is used as a chemical feedstock and fuel, with great potential in shipping.

Renewable energy

To generate green hydrogen we need electricity from renewable sources.