How is **green methanol** produced?

Biomass power plant

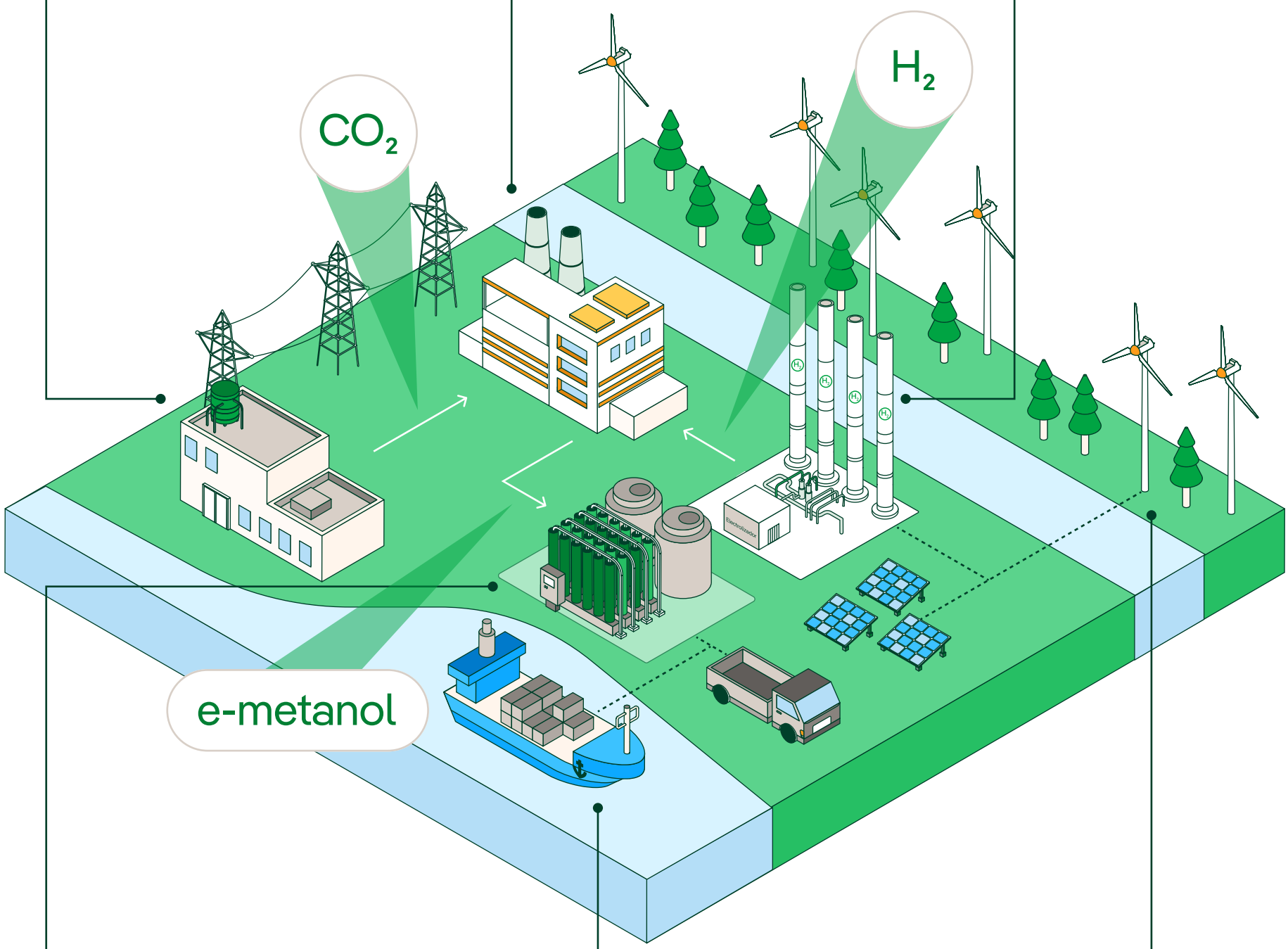
The **carbon dioxide** needed to **synthesise green methanol** is captured from a sustainable biomass source.

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**.