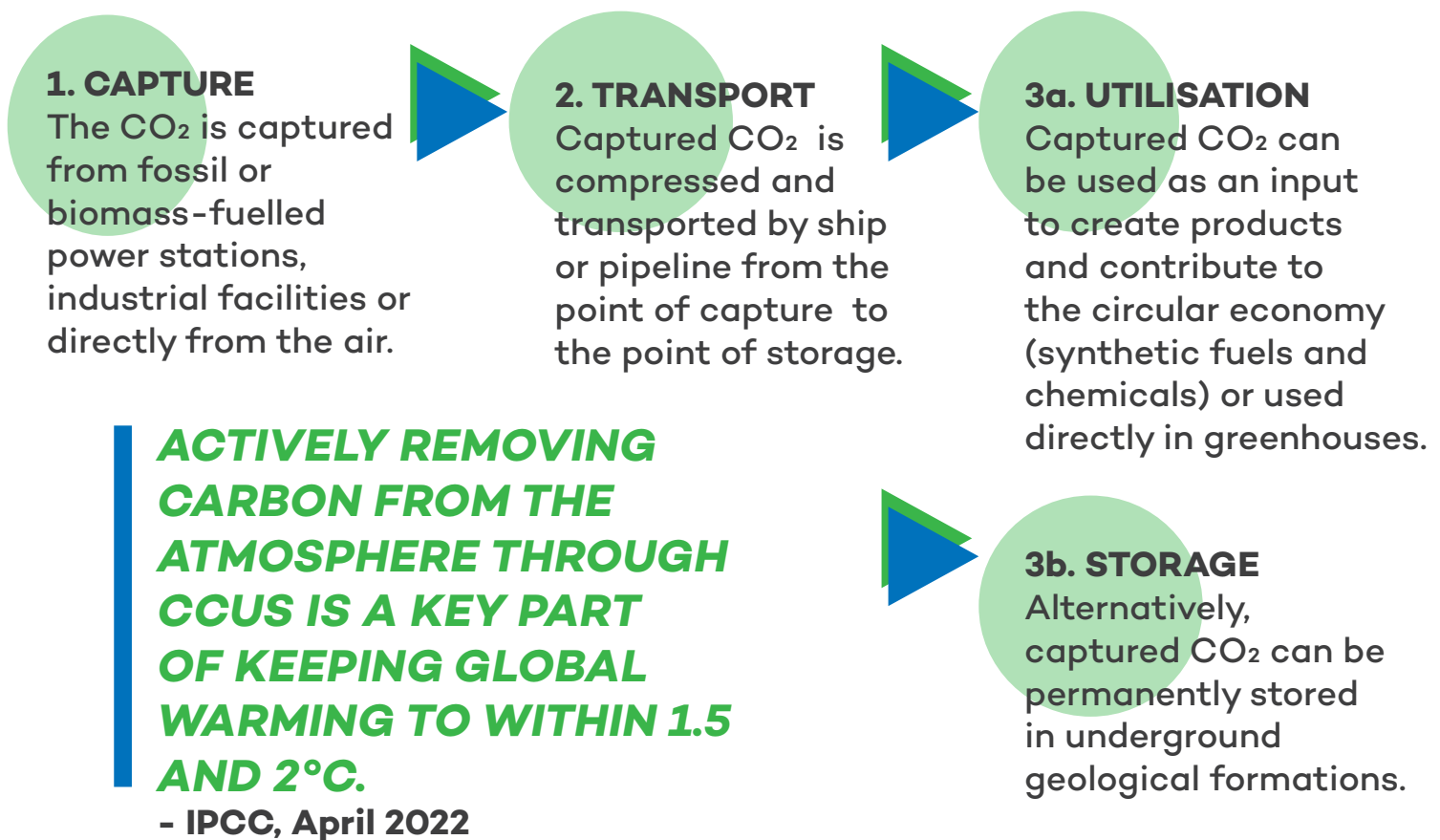


Capturing CO₂ emissions

CARBON CAPTURE, UTILISATION AND STORAGE (CCUS) CAN PLAY AN IMPORTANT AND DIVERSE ROLE IN MEETING GLOBAL ENERGY AND CLIMATE GOALS.



HERE IS HOW IT WORKS.



Strengthened climate goals and new investment incentives are delivering unprecedented momentum for CCUS, with many new plans for such facilities being announced all over the EU.

[Click here](#) for an overview of all the CCUS projects around Europe

Waste-to-Energy and CCUS

CARBON CAPTURE, STORAGE AND UTILISATION TECHNOLOGIES ARE THE KEY TO UNLOCK THE CARBON NEGATIVE POTENTIAL OF WASTE-TO-ENERGY.

Carbon capture, utilisation and storage technologies will be **essential to decarbonise otherwise hard-to-abate sectors**. According to a [report from Eumonia](#), WtE is one of those sectors.

Waste-to-Energy technologies treat non-recyclable waste while also diverting waste from landfills and generating electricity and heat.

Half of the emissions generated through these processes are of biogenic origin and **equipping WtE plants with CCUS technologies could make the sector carbon neutral or even carbon negative!**

Thanks to a favourable legislative environment being developed and new financial opportunities, large scale CCUS projects in the WtE sectors are taking off in Europe.

Click on the pictures to learn more about two of these innovative projects.



AVR, DUIVEN



OSLO FORTUM VARME

THE INTEGRATION OF CCS AND WTE COULD ENABLE WASTE TO BE A NET ZERO OR EVEN A NET NEGATIVE EMISSIONS ENERGY SOURCE

- IPCC, April 2022