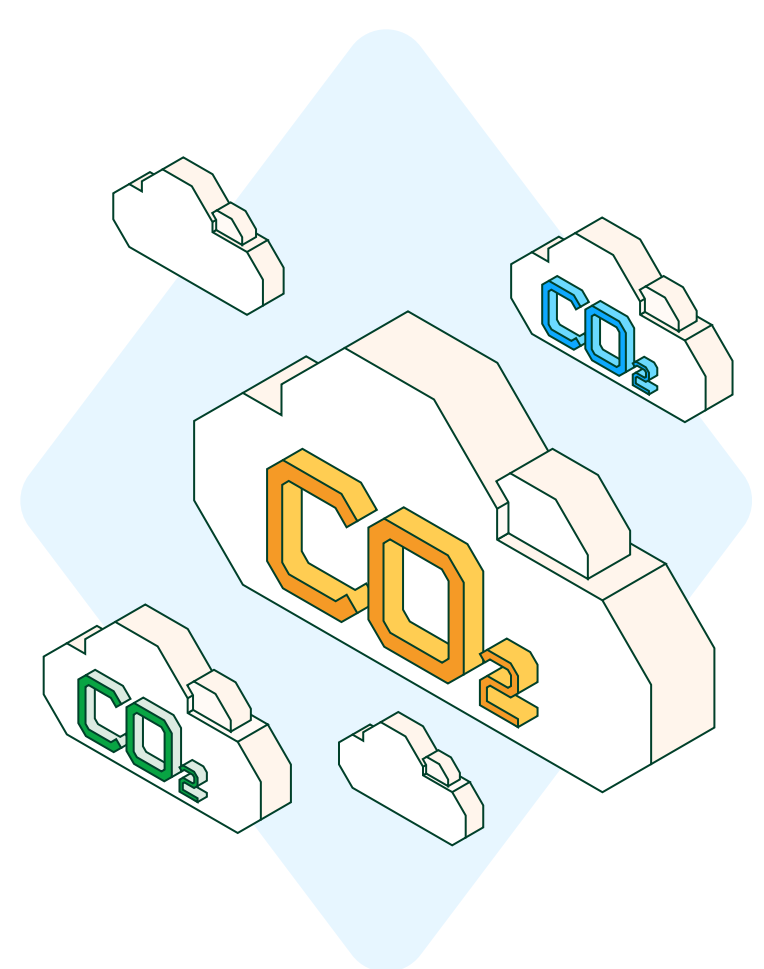


Have you ever asked yourself what happens to all the CO₂ we generate?

Total CO₂ emissions into the atmosphere



45%

of the CO₂ emitted is concentrated in the atmosphere, causing **global warming**

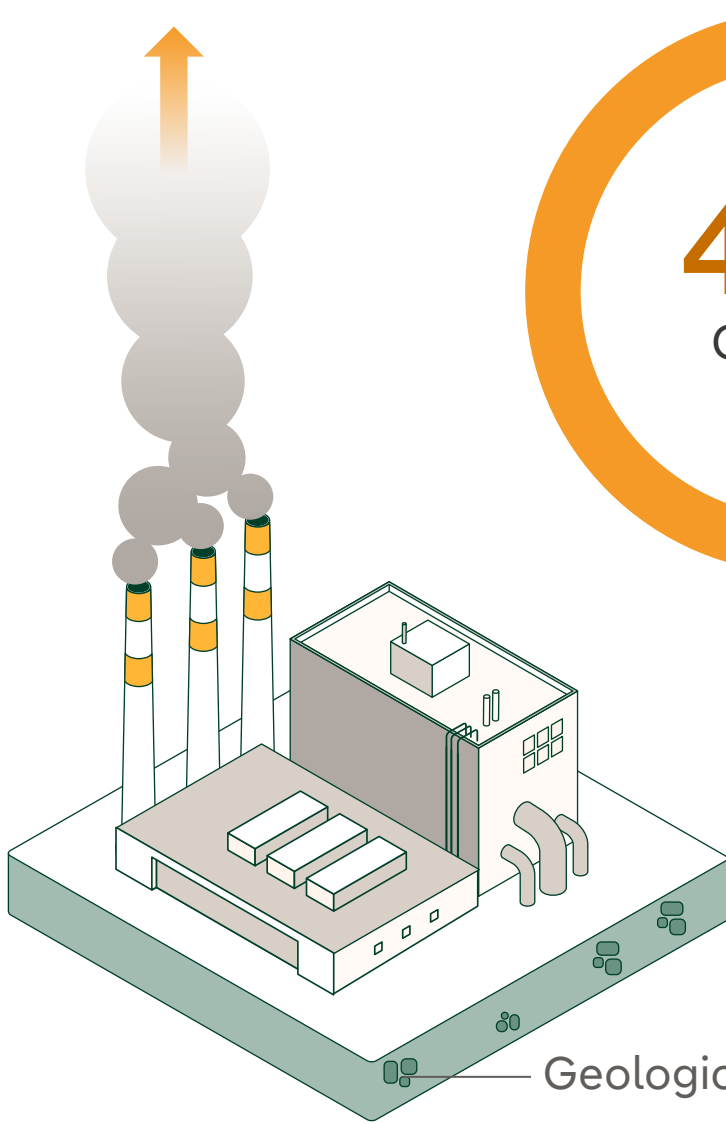
36,6 Gt*

Emissions from fossil fuels and industry

3,9 Gt*

Fires, deforestation and changes in land use

40,6
Gigatons



2000

Over the last two decades there has been a small decline in this type of emission.

2022

The concentration of CO₂ in the atmosphere reached **417,2 ppm****.

30%

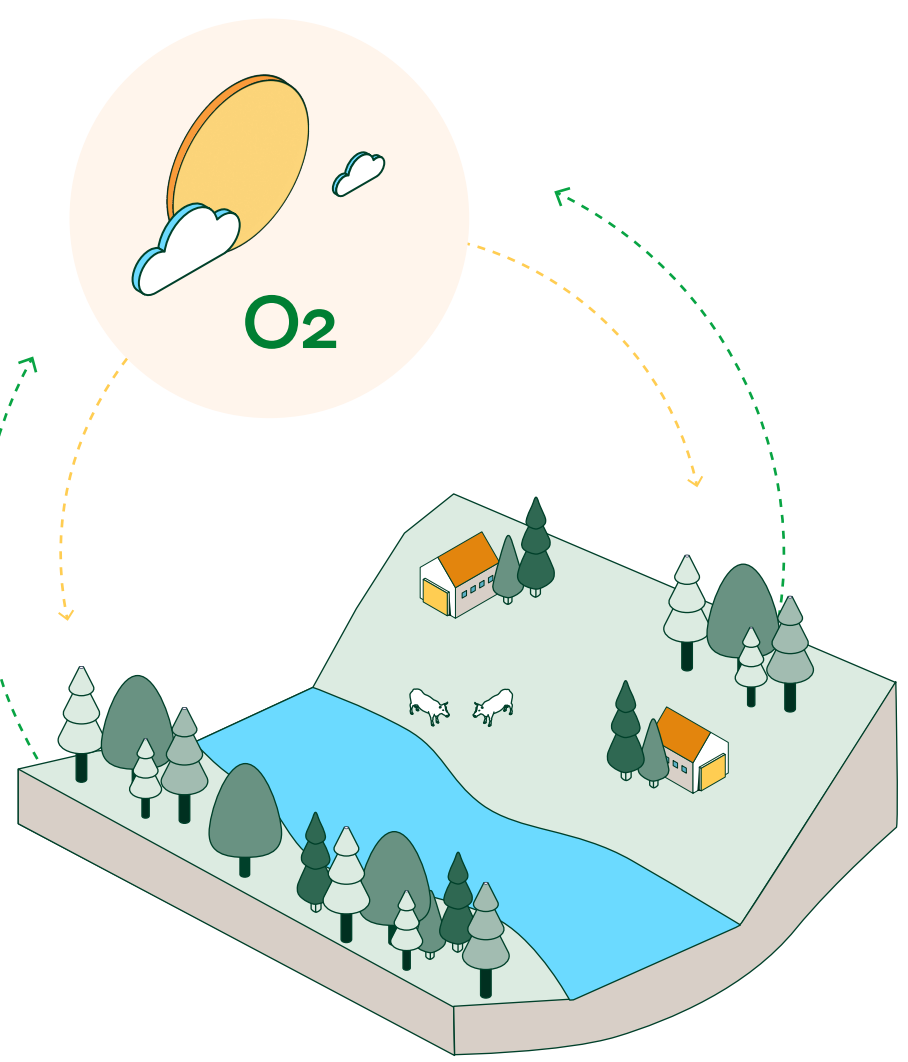
is reabsorbed by woodlands, the soil and forested areas.



¿How?

Through photosynthesis, plant species absorb CO₂ out of the atmosphere or water and with the help of the sun they store the carbon and return the O₂ to the atmosphere.

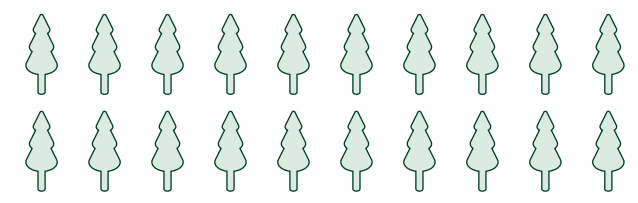
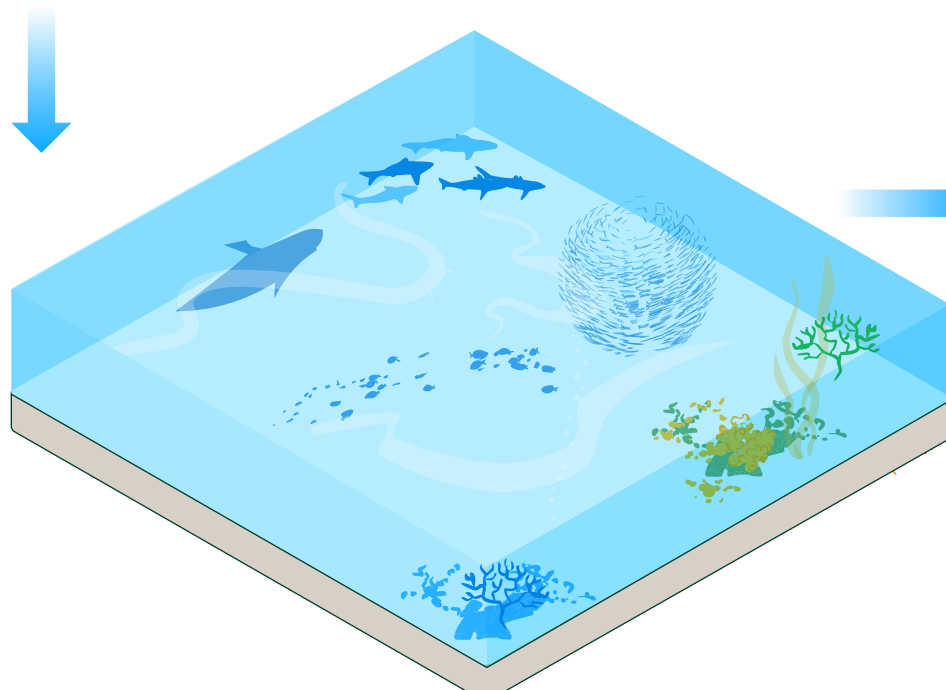
Photosynthesis



25%

Is reabsorbed by the oceans

through plankton, coral, fish, algae and photosynthetic bacteria.



22 trees

are needed to cover one person's daily demand for oxygen.

Climate change

reduced CO₂ uptake by the ocean and terrestrial sinks by **4%** and **17%**, respectively, over the last decade.

CO₂ is the greenhouse effect gas that most influences global warming.

**Parts per million

Source: Global Carbon Project, 2022.