

GREEN DEAL: ACHIEVING CLIMATE NEUTRALITY



Sustainable solutions for a better
tomorrow

What is climate neutrality??

Climate neutrality, according to forecasts, will be achieved by 2050, that is, by achieving the zero emissions target.

Climate neutrality refers to the point of equilibrium in which the emissions produced by man and the absorption of these are in equilibrium.

Part of the emissions can never be reduced to zero and this part will need to be compensated.

However, some of the emissions can be absorbed by specific areas called **sinks**: such as the oceans, forests, the soil.

Man began the construction of artificial absorption wells to achieve carbon sequestration.

To date, no one is able to remove the amount of carbon needed to achieve the goal.

WHAT'S THE DIFFERENCE BETWEEN CLIMATE NEUTRALITY AND CARBON NEUTRALITY???

Carbon neutrality means that every tonne of CO₂ not removed must be offset (CO₂).

In this case the goal is achieved through actions such as carbon capture or the adoption of renewable sources.

Both climate and carbon neutrality have in common the goal of bringing carbon emissions to zero.

HOW TO REACH THE CLIMATE NEUTRALITY?



The transition to climate neutrality will require a profound transformation in key sectors such as energy, transport and land use.

The main changes planned by the European Commission are:

- increase the CO₂ reduction targets for member states from 29% to 40%;
- changes in land use and forestry with a target for terrrens to absorb up to 310 million tonnes of CO₂ by 2030;
- cars are intended to prohibit the placing on the market of internal combustion vehicles from 2035 onwards;

- the use of renewable and low carbon fuels in maritime transport with the objective of reducing greenhouse gases by 75% by 2050;
- construction of infrastructure for recharging or refuelling vehicles with alternative fuels;
- creation of a social climate fund to support households, micro-enterprises and transport users;
- sustainable fuels for the aviation sector;

