



Carbon dioxide is used by plants to grow. This is called photosynthesis.

A small part of the residues of these plants turns into petroleum after several tens of millions of years under certain pressure and temperature conditions.

This petroleum is extracted today and transformed into chemicals, polymers or fuels.

The climate change is due to the increase of carbon dioxide in the air because, during the end-of-life processing of these products, the CO₂ emitted now comes from plants that have captured it millions of years ago. There is therefore a very large delay between their capture and their emission, which leads to the problematic continuous increase in CO₂ levels.

Biochemistry is a shortcut, from the plant to chemicals, polymers or fuels, without having to wait millions of years.

In a way, the carbon captured yesterday by plants for their growth, used today and emitted tomorrow when the product is disposed of, will be used the next day by plants to ensure their growth. And so on.

This cycle is much shorter, on a human scale, and contemporary carbon is constantly recycled.

Our role - as a certification body - is to determine and verify the proportion of fossil and bio-based carbon in the products presented to us.

The more we use contemporary, biobased carbon instead of old, fossil carbon, the more the growth of CO₂ will decrease.

With the hope that one day this rate will not increase any more.