Technologies that remove CO2 from the atmosphere

Sylvestris, reforestation with social employment

OGCI supports cutting-edge companies in this field, such as Solidia that uses 3D printing and custom-made nanomaterials. This firm aims to halve the costs of other current techniques by using filters for capture made with solid carbonate, that is, CO2, that is then used to make the carbonate building material that gets used in construction. Another initiative is the Sylvestris restoration company, and with Repsol’s support this social company plans to repopulate more than 2,200 hectares of trees by 2024. This will absorb 165,000 tons of CO2.

In the academic field, the Repsol Foundation has launched an Energy Transition Chair at the University of Barcelona to promote the knowledge and dissemination of the sector. The Repsol Tech Lab is also developing technologies that convert captured CO2 into applications, from the production of synthetic fuels to plastics for horticulture.

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