



Live Carbon



At Ecotros, in collaboration with the cooperative Carbón Vivo (Live Carbon), we produce “biochar” from the pruned branches of fruit and pine trees. This biocarbon is obtained from submitting these tree cuttings to high temperatures and then putting them out with water to get organic carbon with a porous structure.

Of its many properties, those which stand out are its capacity to retain different elements and chemical components such as water, heavy metals or nutrients for the plants. These properties make biochar a product with multiple uses in areas as diverse as composting, animal farming, reforestation and decontamination of land and water, with agriculture being the area where it is used the most. When biochar is applied, the physiochemical properties of the earth improve, and it stimulates the activity of beneficial microorganisms for plants, which translates into an improvement in the fertility and natural health of the land.

In addition, biochar is recognised by the IPCC (a body of the UN that studies climate change) as a tool against harmful emissions of carbon and thus, as one of the most promising and efficient strategies for removing great quantities of CO₂ from the atmosphere thereby mitigating the effects of climate change.

By producing biochar we are boosting the circular economy, giving new life to these materials which become fertiliser for agricultural land. We also avoid the common uncontrolled bonfires from these pruned branches that produce high CO₂ emissions and increase the risk of forest fires.

Parade designed with the support of: **Carbón vivo**



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Developed by:



Collaborators:

