

“Decentralized pyrolytic conversion of agriculture and forestry wastes towards local circular value chains and sustainability”

The PYRAGRAF project aims to create a mobile, all-in-one system to showcase the conversion of agricultural and forestry waste into valuable products through pyrolysis.

This system consists of three core components:

- a gasifier burner powered by solar energy,
- a biomass dryer
- an integrated pyrolysis reactor.

PYRAGRAF will expand the variety of materials used and the technological approaches employed, with the aim of increasing the adoption of biochar and wood vinegar within the fertilizer and bio-pesticides market.



THREE DEMONSTRATION REGIONS

The significant availability of renewable resources, severe climatic effects that are locally felt, and the soil degradation conditions observed in Portugal, Germany and Turkey represent potential opportunities that PYRAGRAF can exploit and may help to improve.

Partners



Follow us



PYRAGRAF has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement no. 101114608