Improvement of comprehensive bio-waste transformation and nutrient recovery treatment process for production of combined natural products

Reducing mineral fertilisers and chemicals use in agriculture by recycling treated organic waste as Compost and Biochar products

PROJECT OBJECTIVES:

REFERTIL has the mission to contribute to the transformation of urban organic waste streams, food industrial by-products and farm organic residues from a costly disposal process into an income generating activity.

- EU legislation support by definition of improved compost and biochar standards in the EU-27.
- Development of EU-27 standardized, advanced, and comprehensive bio-waste treatment and nutrient recovery processes towards zero emission conversion performance.
- Development of safe, economical and standardized compost and biochar products which meet the EoW criteria, while containing P and N that can be economically and beneficially used by farmers.

What are the End-of-Waste (EoW) criteria (WFD 2008/98/EC) ?

- Commonly used for specific purposes;
- there is an existing market or demand;
- the use is lawful (fulfils the technical requirements for the specific purposes and meets the existing legislation and standards applicable to products);
- the use will not lead to overall adverse environmental or human health impacts.

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