

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



REFERTIL Science and Industrial Engineering to achieve results together

MEASURABLE AND VERIFIABLE PROJECT PERFORMANCE

- ✓ **EU 28 bio-waste feed materials characterization.**
- ✓ **BAT technical-economical-environmental evaluation** of different type of biochar and compost treatment technologies.
- ✓ Comprehensive and detailed **EU biochar and compost policy support report** (EU FERETILIZER REGULATION revision).
- ✓ **2000 tons input bio-waste treatment for compost.**
- ✓ 100 m³ input organics for **different types of biochar test production and characterization.**
- ✓ **Economical industrial scale compost and biochar technology engineering improvements** and new design.
- ✓ **Commercial scale biochar business plan** and industrial good practice guide development.
- ✓ Three economically important food crop plant **growth field tests in 6 counties.**
- ✓ **Environmental viability and safety tests.**



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