

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

Mandatory biochar permits and commercial certificates in the EU

The complex environmental/climate protection challenge and the high responsibility for biochar manufacturing, importing, supply, use and irrevocable soil applications; provides justified strict EU/MS regulations and legal/technical control on the biochar case.

Manufacturing/ import/ placing on the market and using of all types of biochar products in the EU require mandatory Authority permits and certificates, such as:

1. Member State Authority permits for biochar production.
2. Member State Authority permit for biochar applications, that is valid for issuing MS only. Mutual Recognition procedure needs to be extended to other MS. EC 2003/2003 Fertilizer Regulation revision is under progress to include biochar, valid for EU28.
3. REACH registration (in 2015 >10 t/y, from 2018 >1 t/y).
4. Extended Producer Responsibility certificate.

BIOCHAR and the REACH

- ✓ **The REACH Regulation (Regulation (EC) No 1907/2006) sets up a system for the Registration, Evaluation, Authorisation and Restriction of Chemicals.**
- ✓ **Biochar is also subject to REACH registration (under Article 6) for manufacturing, importing, using and/or placing on the market in quantities above 1 ton/year.**



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