

SC2 and KET-B Brokerage Event

Food Security | Sustainable Agriculture and Forestry | Marine, Maritime
and Inland Water Research | Bioeconomy | KET-Biotechnology |

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Session 1: Sustainable Food Security

Sustainable solutions for modern farming

Renata Choińska

Prof. Wacław Dąbrowski Institute of Agricultural and Food
Biotechnology, Warsaw, Poland



www.ncp-biohorizon.net

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 #BioBrokerage

CE-SFS-39-2019: High-quality organic fertilisers from biogas digestate

The project objectives:

- quality of digestate depending on the substrate used for anaerobic digestion
- impact of digestate on groundwater contamination or residues in soil
- impact of digestate on microbiome of soil, yield and nutritional values of plant crops
- possibility of enrichment of digestate with valuable substances of various origin
- quality assessment of digestate in terms of compliance with soil protection legislation, fertiliser or waste legislation, or combinations thereof

- Experience in conducting batch, semi-continuous and continuous anaerobic digestion
- Examination of digestate quality
- Determination of technological usefulness of digestate related to its sorption and rheological properties
- Field tests related to the impact of digestate on crop yield
- Comprehensive study of the chemical composition of biomass intended for anaerobic digestion

Dr inż. Renata Choińska

**Prof. Wacław Dąbrowski Institute of Agricultural and Food
Biotechnology (IFAB)**

ul. Rakowiecka 36, 02-532 Warsaw/Poland

tel. +48 22 606 36 00; e-mail: ibprs@ibprs.pl

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sources