CarboTech- Biomass based carbon applications

Project partners:
University of Oulu, Research Units of Sustainable Chemistry and Process Metallurgy

Schedule: 1.5.2019-30.4.2022

Objectives:
1) To produce technical carbon with properties required by the chosen application
2) To find out if side streams are suitable for preparing technical carbons (carbon reductants, activated carbon, carbon foam),
3) To find out what type of high-value application technical carbons are suited for, and
4) To strengthen the research environment regarding carbon research.

Total cost estimate: 833 070 €
(development 513 070 € and investment 320 000 €), of which ERDF share 70%.

Financiers: Councils of Central Ostrobothnia and Northern Ostrobothnia, companies

Expected results:
• to provide new know-how on preparation of bio-based carbon products and their properties as well as their commercial utilization (short-term).
• to create foundation for new type of products and industry (long-term).

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