

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).

More information:

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