Evaluation of bio-crude refinery value chains

experimental fractional distillation, supercritical CO2 extraction, and hydrotreatment

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Published in:
EUBCE 2019 - 27th European Biomass Conference and Exhibition - Book of Abstracts Summaries

Publication date:
2019

Document Version
Publisher's PDF, also known as Version of record

Evaluation of Bio-Crude Refinery Value Chains: Experimental Fractional Distillation, Supercritical Co2 Extraction, and Hydrotreatment

Short introductive summary:

The aim of this study is to evaluate and compare HTL value chains, i.e. from lignocellulosic biomass to final fuels, based on state-of-art experimental data from all the involved core processing steps, and more importantly the novel combination of such data, based on established overall carbon and mass balances together with drop-in potentials based on fuel characteristics.

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Presenter's biography:

Thomas Helmer Pedersen is a researcher and assistant professor at the Department of Energy Technology, Aalborg University, Denmark. His work focuses mainly on liquid fuels production from various feedstock through hydrothermal liquefaction.

Biographies and Short introductive summaries are supplied directly by presenters and are published here unedited

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Session reference: 3CO.11.4
Subtopic: 3.3 Hydrothermal processing
Topic: 3. BIOMASS CONVERSION TECHNOLOGIES FOR LIQUID AND GASEOUS FUELS, CHEMICALS AND MATERIALS