

1st CarbonNeutralLNG Symposium on Biomass Gasification

On the 16th of May 2024, the 1st CarbonNeutralLNG Symposium on Biomass Gasification took place in collaboration with the 10th International Conference on Renewable Energy Gas Technology, REGATEC 2024 at Scandic Star hotel in Lund, Sweden.

The symposium started with a presentation by Prof. Joule Bergerson, University of Calgary on fugitive emissions from the supply chain – [Life Cycle Emissions – from woody biomass to bioLNG](#). The CarbonNeutralLNG coordinator, Prof. Jürgen Karl, Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU) continued with a presentation on [Electricity assisted biomass gasification](#), followed by a presentation of Dr. Thomas Hannl, University of Natural Resources and Life Sciences (BOKU), on [Advances in sorption enhanced reforming \(SER\)](#). Marko Amovic, CTO Cortus Energy AB presented [Proven Bio-Energy Solutions by Modular WoodRoll® Technology](#). Dr. Christer Gustavsson, BioShare AB gave a presentation on [Co-production of methane in the CHP sector](#) and Dr. Lucia Jimenez, Leroux et Lotz Technologies ended the symposium by presenting [Leroux et Lotz Technologies \(LLT\) Positioning in the Hydrothermal Gasification Sector](#).

M.Sc. Jakob Müller, FAU presented a poster, [Novel 3D-printed dual function methanation and in-situ tar co-reforming reactor](#).

The Symposium was organised by Dr. Jörgen Held, CEO Baltic Energy Innovation Centre (BEIC)



From the left: Jürgen Karl, FAU, Jakob Müller, FAU, Joule Bergeson, University of Calgary, Thomas Hannl, BOKU and Jörgen Held, BEIC.

The 2nd CarbonNeutralLNG Symposium will focus on methanation and take place in collaboration with 11th International Conference on Renewable Energy Technology, REGATEC 2025, 20-21 May 2025 at Leonardo hotel in Weimar, Germany.