

CASE STUDY

My BRISK Transnational Access visit to the Royal Institute of Technology (KTH), Sweden



Siim Link of Tallin University of Technology in Estonia takes us through work he was able to do via a BRISK Transnational Access visit to the Royal Institute of Technology (KTH) in Sweden

Through BRISK Transnational Access I was able to visit the School of Chemical Science and Engineering at the Royal Institute of Technology (KTH) in Sweden. The purpose of the visit was to identify the possible effect of one residue material on the producer gas composition evolved during biomass gasification. The residue material used as the additive in this experiment was rich in Ca. Two types of biomass - wood and reed pellets - were tested with the additive. The atmospheric fluidised bed gasifier at KTH was used to conduct the laboratory experiments. The gas composition was determined via GC (gas chromatography) and the tar content via the SPA (Solid Phase Adsorption) method.

The people at KTH were very helpful and assisted me if

Continued on next page



Figure 1: The gasification set up at the Royal Institute of Technology (KTH).

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Figure 2: The School of Chemical Science and Engineering at KTH including the test hall.

I needed anything. The application process was fast and allowed for advance discussions of the work before my visit began. I benefitted from my visit through having access to a device that is not available at my own university and through the opportunity of networking with other scientists active in the field of thermochemical conversion of biomass.

Acknowledgement

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