

Steering Committee Meeting

On the 12th and 13th of September 2024, the Steering Committee meeting took place at the University of Natural Resources and Life Sciences (BOKU) in Vienna. All the project partners were present.



Christopher Pfeifer, BOKU, greeted the Steering Committee welcome to Vienna and to the IVET Institute at BOKU university.

Photo: Jörgen Held

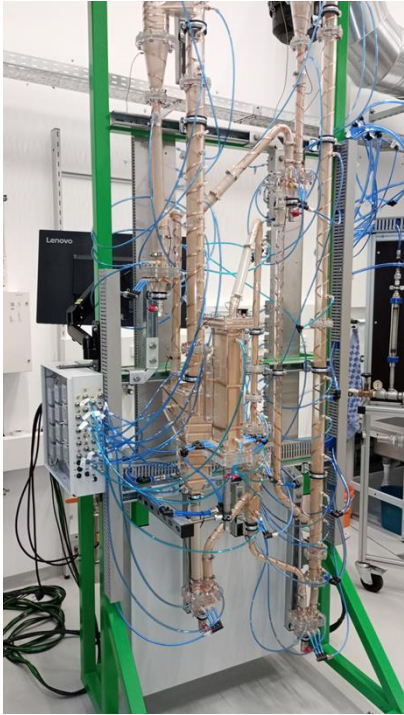
After the status update by the coordinator, Joule Bergerson, University of Calgary, the new associated partner, gave a short introduction to the Canadian activities and how it contributes to the CarbonNeutralLNG project.

The next session focused on the impact assessment. A quite impressive achievement was the drone measurements done by LMU at the LNG terminal in Klaipeda considering that the permit involved several authorities including the Lithuanian military. As a side note, the measurements gave the Lithuanian military a possibility to train and test their anti-drone system.

The next session focused on the experimental campaign in Vienna and the Grant Agreement amendment. The Steering Committee agreed on a prolongation of the project since there have been some delays related to the experimental campaign demonstrating the carbon neutral process chain.

The day ended with some parallel workshops and a nice tour to the Schlumberger Cellars, including sparkling wine tasting.

Lab tour at BOKU



An integral part of the project is the sorption enhanced e-gasifier including the segregator, where char and limestone are separated. The limestone is then calcinated in the riser before returned to the gasifier.

To get an understanding of the flow pattern, separation efficiency and other process characteristics, a cold flow model has been constructed as can be seen in the picture to the left.

Based on the knowledge obtained by operating the cold flow model, the segregator, in between the gasifier to the left and the riser to the right, will be replaced to achieve a higher degree of separation. BOKU has filed a patent for the concept.

Photo: Jörgen Held

Study tour to Simmering

Next on the agenda was the study tour to the advanced dual fluidised bed in Simmering.



The 1 MW advanced dual fluidised bed gasifier in Simmering produces a nitrogen free syngas suitable for making synthetic fuels.

Photo: Jörgen Held



Thomas Hannl, in the middle of the group, gave a highly appreciated guided tour at the Simmering plant.

Photo: Jörgen Held