Task 34
Direct Thermochemical Liquefaction of Biomass

Task 34 Meeting July 18th, 2024 (videoconference)

20:00-20:40h (CEST)

Recognition of Meeting Participants

Alex Böhm	(AB)	Task Assistant
Axel Funke	(AF)	Task Lead/ NTL Germany (Minutes)
Daniele Castello	(DC)	NTL New Zealand
Francois Collard	(FC)	NTL New Zealand
Leslie Nguyen	(LN)	Alternate NTL Canada

Update work packages

WP 1.1: (Pathways to) Transportation fuels from HTL and FPO (DS)

Chapter 5 draft has been finalized and was sent around for review. There seems to have been a low level of comments returned; AF will check with HPCL.

WP 2.1: DTL in the context of flexible energy supply (BvB)

No update.

WP 2.2: DTL as BECCS/ BECCU technology (AF)

There was no objection that AF will send around a draft version to the ITP. Publication will most likely be in late 2024, i.e. there is still room to consider comments after the summer break.

WP 2.3: Hydrogen use for DTL product upgrading (LR/ DC)

There is a problem with allocating the resources to finalize the report. DC is confident that the case study can be finalized by end of August 2024. Writing of the associated report/ scientific publication is unclear.

WP 3.1: Round Robin (MG)

Phil starts compiling the report and a first draft is planned by End of August. Last samples have arrived on KIT premises and AF expects analysis results to be done by end of August 2024. Labs at the institute of AF are not equipped for N/S trace analysis, AF will try to look for other opportunities at KIT.

WP 3.4: TEE of DTL biorefinery (AF)

The meeting to discuss the TEE did not materialize and there has been no reply for a follow up meeting, yet.

WP 4.1: Website management (AB)

No update.

WP 4.2: PyNe Newsletter (AB)

PyNe 55 is almost finished and about to be published.

In Person Meetings

- No update for the upcoming meeting in the Netherlands.
- CANMET Energy requires foreign visitors to hand over their devices (laptop, mobiles etc) before entering premises. Those will be returned upon leaving, but this safety procedure might not be acceptable for all. Any NTL should indicate as soon as possible whether such a procedure would pose a problem for them because this will decide whether the meeting in Canada will take place on CANMET premises or not.
  It might be possible to alternatively meet somewhere in Ottawa and only visit CANMET for a labtour.
  AF and AB confirmed that there is a budget available to cover workshop related expenses (venue costs, meals, etc). Ideally, CANMET collects all expenses and gets a reimbursement by IEA Bioenergy Task 34.