

Task 34

Direct Thermochemical Liquefaction of Biomass

Task 34 Meeting August 24th, 2023 (videoconference)

18:00-18:50h (CEST)

Recognition of Meeting Participants

Axel Funke	(AF)	Task Lead/ NTL Germany (Minutes)
Bhanu Prasad	(BP)	Alternate NTL India
Daniele Castello	(DC)	Alternate NTL Denmark
Francois Collard	(FC)	NTL New Zealand
Murlidhar Gupta	(MG)	Alternate NTL Canada
Pramod Kumar	(PK)	NTL India

Update work packages

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

BP sent around the first two chapters within Task 34 NTL, AF will forward it to the group for reviewing purposes.

WP 1.2: Production of chemicals and materials from HTL and FP oil (MT)

No update.

WP 1.3: DTL Oils for gasification (BvB)

Work will continue after summer break.

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

AF started writing the report for the case study to be included in the ITP BECCUS.

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

Internal kick-off took place, Energy+ will be used to calculate the cases. This enables time dependent simulation of electricity process for H₂ production. It will be evaluated at a later stage what level of detail the case study for the ITP H₂ Synergies requires.

WP 3.1: Round Robin (BB)

MG already received two FPBO samples. There are still HTL biocrude samples missing to complete the study. DC checked availability but will not be able to provide any samples. AF will check with MT whether he is able to send samples as previously announced.

WP 3.4: TEE of DTL biorefinery (AF)

No update.

WP 4.1: Website management (AB)

DC completed the text but is still missing pictures.

Other Business

Next task meeting

AF presented the draft agenda which will be circulated to the NTLs. Need for letters of invitation should be announced as soon as possible to allow for timely processing.

Task focus ExCo/ IEA Bioenergy newsletter

Task 34 was asked to provide the task focus for the upcoming ExCo 92 (10-15 min presentation with content of Task's choice). AF presented the topics that he wants to cover (state of the art, challenges, future role within energy transition) and asked for feedback. He will prepare a draft presentation for discussion in the upcoming Task 34 meeting End of September and will send around a preliminary version mid-September for review.