

# Task 34

## Direct Thermochemical Liquefaction of Biomass

### Task 34 Meeting February 23<sup>rd</sup>, 2023 (videoconference)

06:00-07:00h (CET)

#### Recognition of Meeting Participants

Alex Böhm	(AB)	Task Assistant
Axel Funke	(AF)	Task Lead/ NTL Germany (Minutes)
Bert van de Beld	(BvB)	NTL The Netherlands
Francois Collard	(FC)	NTL New Zealand
Daniele Castello	(DC)	Alternate NTL Denmark
Pramod Kumar	(PK)	NTL India
Meesala Lavanya	(ML)	Alternate NTL India
Christian Lindfors	(CL)	NTL Finland

#### Update work packages

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

Work was initiated as scheduled.

##### **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 started, first meeting with KIT will be scheduled in March 2023.

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

DC provided fundamental information for an HTL based case study (Silvageen), which includes demoplant data to be combined with modelling upgrading. It was clarified that as high TRL as possible is aimed at, but that aim needs to be weighted against availability of data to be able to conduct an LCA study.

##### **WP 3.1: Round Robin (BB)**

No clarification on the method, yet. AF will prepare a one pager on this to hand out to laboratories. ICP applied in ASTM method for jet fuels (metal analysis).

##### **WP 3.2: Lessons learnt from FPBO REACH & GHS registration (BvB)**

GHS compliant MSDS for HTL biocrude is still missing to finalize.

### **WP 3.3: WP 3.3: Update commercial DTL facilities (FC)**

Project have been contacted directly to ask for an update. For the ones with more general contact details no feedback with an update was received.

### **WP 3.4: TEE of DTL biorefinery (AF)**

No reply from Task 42, yet.

### **WP 4.1: Website management (AB)**

No relevant update.

### **WP4.2.: PyNe (AB)**

No relevant update.

### **Other Business**

No agenda items were discussed/ raised.