
Catalytic Direct Hydrothermal Conversion of Biomass and Lignites to Liquid Fuels and Value-added Chemicals



Final Meeting 18 and 19 June 2024

Venue:

GIG Katowice, Plac Gwarków 1

Agenda

18th June (Tuesday) 2024

Time	Activity
9:30 – 16:00	<p>Workshop on the results obtained in the project HyCon Catalytic Direct Hydrothermal Conversion of Biomass and Lignites to Liquid Fuels and Value-added Chemicals, hybrid form, link:</p> <p>Programme:</p> <ol style="list-style-type: none">1. Introduction to the project HyCon; project idea, the main objectives and expectations, consortium Prof. Krzysztof Stańczyk, Coordinator, GIG-PIB2. WP2, Feedstock selection, characterisation and processing, WP Leader, Dr Stefan Thiel, Technische Universität Bergakademie Freiberg Break3. WP3, Laboratory batch mode HTL testing and process optimization, WP Leader, Dr Marcos Millan-Agorio, Imperial College of Science, Technology and Medicine4. WP4, Development of continuous mode HTL process (at 2 kg/h scale), WP Leader, Dr Krzysztof Kapusta, GIG-PIB5. WP5, Characterisation and classification of HTL products, WP Leader Dr Jose Maria Sanches, Centro de Investigaciones Energeticas, Medioambientales y Tecnologicas 13.00 -14.00 Lunch6. WP6, Upgrading of liquid products, WP Leader Dr Christophe Geantet and dr Nuno Rocha Batalha, CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE Break

	<p>7. WP7. Techno-economic and environmental process assessment including CO₂ efficiency and energy storage, WP Leader Dr Piotr Krawczyk and dr Anna Śliwińska, GIG-PIB</p> <p>8. Discussion</p>
18.00	Dinner in Katowice, the restaurant will be determined later.

19th June (Wednesday) 2024

09.00-09.30	<p>WP1. Overall project update and administrative issues, GIG</p> <p>Coordination, management and dissemination.</p>
09:30 - 11:00	<p>Works to be undertaken to the end of the project - discussion on Partners' responsibilities (All Partners involved)</p> <p>Status of Deliverables and Milestones.</p> <p>Status update on WP1, WP leader GIG</p> <p>D1.4 Workshop proceedings, project brochure (Month 45, GIG)</p> <p>Status update on WP2, WP leader TU BAF</p> <p>D2.4 Report on European biomass resources suitable for HTL process (Month 36, TU BAF)</p>
	<p>Status update on WP4, WP leader GIG</p> <p>D4.3 Report on the first phase of the continuous HTL experiments (Month 43, GIG)</p> <p>D4.4 Report on the second phase of the continuous HTL experiments (Month 44, GIG)</p>
	<p>Status update on WP5, WP leader CIEMAT</p> <p>D5.3 Report on beneficiation of the HTL by-products (gaseous and solid) (Month 45, CIEMAT)</p> <p>D5.4 Report on handling options for the HTL spent water (Month 45, IMPERIAL)</p>
11:00 – 11:20	break

11:20 – 12:20	<p>Status update on WP6, WP leader CNRS-IRCELYON</p> <p>D6.3 Report on lab-scale testing of HTL liquids upgrade (Month 45, CNRS-IRCELYON)</p> <p>D6.4 Technical report: Upgrade of liquid products by hydro-isomerization at lab and bench/pilot scale (Month 45, CIEMAT)</p> <p>D6.5 Report on utilisation of upgraded end-products in the petrochemical industry (Month 45, HELPE-RSOPP)</p>
	<p>Status update on WP7, WP leader GIG</p> <p>D7.3 Economic assessment of the proposed HTL technology (Month 46, GIG)</p> <p>D7.4 Environmental assessment of the proposed HTL technology (Month 46, GIG)</p> <p>D7.5 Economical analysis of energy storage in hydrogen produced from excess electricity for the HTL technology ((Month 46, GIG, PGEIEK)</p>
12:20 - 13:00	Preparation of the final report
13:00- 14:00	Lunch