NextGenRoadFuels - Final Event

Amsterdam, 4 October 2022
13:30 – 18:00

Meeting venue: ADAM's ID (https://www.adamsid.nl/events)
Hosted and organized by: Good Fuels & ETA Florence
Address: Naritaweg 51, 1043 BP Amsterdam

Under the overarching goals of the EU Green Deal, the EU climate and energy policy sets the context for the deployment of renewable fuels and bioenergy until 2030 and beyond. With the implementation of the Fit for 55 package, the European Commission aims to introduce targets for advanced biofuels in transports in the revised REDII, and puts forward legislative proposals to promote renewable fuels in aviation and maritime transports.

This event will present innovations and solutions in the development of Hydrothermal Liquefaction (HTL) as an efficient route to produce high-volume, cost-competitive, drop-in synthetic gasoline and diesel fuels, as a result of the four-year Horizon 2020 research project Next Generation Road Fuels.

Join us online or in-person to learn about HTL processing, and how combined with appropriate pre- and post-treatment it can be the most effective technology pathway to valorize the combination of sewage sludge, food waste and construction wood waste and to convert the carbon content of these feedstock into drop-in fuels.

Event topics will cover:

- Innovative insights into the waste management the benefits of the pre-treatment process. Including destruction of micro-plastics. from a waste management perspective.
- Optimization of biocrude upgrading and the outcomes of biofuel usage in engines.
- Economic, environmental and social assessments.
- The future of this technology including business cases and discussions.

The event will be rounded off with a panel discussion including panellists from research and commercial backgrounds, followed by a networking session.

Event Agenda				
Time	**Topic**	**Partners**	**Presenter**	**Duration**
13:30	Event opening and project overview	All	Lasse	20 mins
13:50	Improving the HTL-value chain from the start: Pre-treatment & wastewater management.	AAU, CENER, KIT	Irantzu Joscha	20 mins (including Q&A)

This project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under Grant Agreement No. 818413

14:10	HTL as core technology for urban waste valorisation - solution for problematic micro plastics.	AAU, CENER, KIT	Thomas	15 mins (including Q&A)
14:25	Turning challenging waste-derived biocrude into fuels - Biocrude upgrading	CERTH, STEEPER, TUM	Eleni	15 mins each (including Q&A)
	Engine testing results	AAU	Komeil	
15:00	Related projects: BL2F Low Carb Fuels	 SINTEF AAU	 Tero Salman	10 - 15 mins each (including Q&A)
15:40	Break			
16:00	Market scenarios and commercialization pathway	GF Steeper	Felipe Ling /Steen	15 mins each (including Q&A)
	Minimum selling price	SINTEF	Gonzalo	
	Environmental Impact (LCA)	CENER	Enrique	
17:00	Panel discussion – the future of HTL produced biofuels Chair: Thomas Helmer Panel: Representatives from Good Fuels, Steeper, Topshoe, ENI			
17:30	Networking			

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