



Building a sustainable European biofuel industry

4-6 November 2019, Gothenburg, Sweden

Sustainable bioenergy development relies on a combination of sustainable resource procurement, production and use of low carbon fuels and chemicals, as well as a joined-up approach to research and policy that looks at the whole energy system.

This conference will focus on the key objective of sustainable biofuel implementation prospects in Norway, Sweden and the UK. It brings together researchers, industry specialists and policy-makers to review the status of bioenergy deployment, analyze the future of sustainable biofuel production and use in Europe, and connect sectorial expertise with a view to supporting sustainable biofuel production and greenhouse gas mitigation.

It is important to recognize that industry, policy and research co-align along common interests and objectives. The conference wishes to facilitate networking and bridge gaps between different research and business areas, parts of the biofuel production value chain, and also, of course, country borders.

See a draft programme on the following pages.

Welcome!

Registration

Registration is required! The conference is free, but a non-attendance fee may be charged. For more information and to register, visit Eventbrite: [no-uk-se-biofuelsconference-gothenburg-nov-2019.eventbrite.com](https://www.eventbrite.com/e/no-uk-se-biofuelsconference-gothenburg-nov-2019)

Organizers

The conference is a joint arrangement between the following organizations:

Bio4fuels (NO) - A Centre for Environment-friendly Energy Research (FME) based at the Norwegian University of Life Sciences and lead by SINTEF. The Centre aims to develop innovative technology and support industries to realize economic and sustainable conversion of lignocellulosic biomass and organic residues to transportation fuels, along with added value chemicals, heat and power.

Supergen Bioenergy (UK) - The Supergen Bioenergy Hub works with academia, industry, government and societal stakeholders to develop sustainable bioenergy systems that support the UK's transition to an affordable, resilient, low-carbon energy future.

Renewable Transportation Fuels and Systems (SE) – A collaborative research programme between the Swedish Energy Agency and f3 The Swedish Knowledge Centre for Renewable Transportation Fuels. f3 focuses its activities on increasing the knowledge about how a future transport system could be provided with renewable and sustainable transportation fuels, based on scientifically based systems analysis.

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DRAFT PROGRAMME

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Day 1, Monday 4 November			
10.30-14.00	Early Career Researchers' Forum Location: Chalmers University of Technology		
15.00-17.00	Site visit TBD (limited number of participants)		
Day 2, Tuesday 5 November. Location: Gothia Towers			
09.00	WELCOME AND INTRODUCTIONS Opening speaker: Robert Andrén, Director General of the Swedish Energy Agency		
09.50	FOCUS: POLICY (PLENARY SESSION) Confirmed speakers: <ul style="list-style-type: none"> • Aysha Ahmed, Department for Transport (UK): <i>UK transport policy and the Renewable Transport Fuel Obligation</i> • Siri Sorteberg, Norwegian Environment Agency: Title TBD 		
10.40	Coffee break		
11.10	FOCUS: INDUSTRY (PLENARY SESSION) Confirmed speakers: <ul style="list-style-type: none"> • Patrick Pitkänen, St1 Oy (SE): Title TBD • Keith Simons, SHV Energy (NL): <i>Biogas futures in transport</i> • Jens Ulltveit Moe, Umoe (NO): <i>Biofuels Brazil*</i> • Håvard Vollan, Biokraft AS (NO): <i>The quest for green profitability</i> 		
12.30	Lunch break		
13.30	FOCUS: SUSTAINABILITY (Plenary session) Confirmed speakers: <ul style="list-style-type: none"> • Torjus Bolkesjø, NMBU (NO): <i>Biofuels in the future fossil-free energy system: The Nordic perspective</i> • Patricia Thornley, Aston University (UK): <i>Sustainability challenges for biofuels from a UK perspective*</i> • Francis X. Johnson, Stockholm Environment Institute (SE): Title TBD 		
14.30	Coffee break		
15.00	PARALLEL SESSIONS		
	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> Sustainable biomass resources Session chair: Pål Börjesson, Lund university (SE) Headline speaker: Henrik Brodin, SÖDRA (SE): <i>Title TBD</i> Presentations from: <ul style="list-style-type: none"> • Elisabeth Wetterlund, Luleå University of Technology (SE): <i>Drop-in fuels from black liquor – combining increased pulp capacity with production of sustainable biofuels</i> • Rebecca Rowe, The Centre for Ecology & Hydrology (UK): <i>The impact of bioenergy systems on soil carbon</i> • Hanna E. Karlsson, Swedish University of Agricultural Sciences: <i>Sustainable HVO production potential and environmental impact</i> </td> <td style="width: 50%; vertical-align: top;"> Conversion technologies from biomass to sustainable biofuels Session Chair TBC Headline speaker: Gerhard Muggen, BTG Bioliquids (NL): <i>Roll-out of pyrolysis technology in Europe</i> Presentations from: <ul style="list-style-type: none"> • Karin Pettersson, RISE Research Institutes of Sweden: <i>Sustainable transportation fuels – A techno-economic Well-to-Wheel analysis</i> • Olaf Trygve Berghlin, SINTEF (NO): <i>Hybrid process of distillation and gas permeation for production of dehydrated ethanol</i> • Faraz Montasersadgh, Loughborough University (UK): <i>Model-based fast screening of electrochemical reaction pathways for the integrated biofuels synthesis and CO₂ reduction</i> • Dumitrita Spinu, NTNU: <i>Fast Pyrolysis Lignin with Catalytic Vapor Upgrading for the Production of Alkyl-Phenols and Aromatics</i> </td> </tr> </table>	Sustainable biomass resources Session chair: Pål Börjesson, Lund university (SE) Headline speaker: Henrik Brodin, SÖDRA (SE): <i>Title TBD</i> Presentations from: <ul style="list-style-type: none"> • Elisabeth Wetterlund, Luleå University of Technology (SE): <i>Drop-in fuels from black liquor – combining increased pulp capacity with production of sustainable biofuels</i> • Rebecca Rowe, The Centre for Ecology & Hydrology (UK): <i>The impact of bioenergy systems on soil carbon</i> • Hanna E. Karlsson, Swedish University of Agricultural Sciences: <i>Sustainable HVO production potential and environmental impact</i> 	Conversion technologies from biomass to sustainable biofuels Session Chair TBC Headline speaker: Gerhard Muggen, BTG Bioliquids (NL): <i>Roll-out of pyrolysis technology in Europe</i> Presentations from: <ul style="list-style-type: none"> • Karin Pettersson, RISE Research Institutes of Sweden: <i>Sustainable transportation fuels – A techno-economic Well-to-Wheel analysis</i> • Olaf Trygve Berghlin, SINTEF (NO): <i>Hybrid process of distillation and gas permeation for production of dehydrated ethanol</i> • Faraz Montasersadgh, Loughborough University (UK): <i>Model-based fast screening of electrochemical reaction pathways for the integrated biofuels synthesis and CO₂ reduction</i> • Dumitrita Spinu, NTNU: <i>Fast Pyrolysis Lignin with Catalytic Vapor Upgrading for the Production of Alkyl-Phenols and Aromatics</i>
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16.45	Reception break		
17.15	Poster session combined with buffet dinner and networking		

19.30	Close
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DAY 3, Wednesday 6 November. Location: Gothia Towers			
09.00	<p>FOCUS: INDUSTRY AND END USE (PLENARY SESSION)</p> <p>Confirmed speakers:</p> <ul style="list-style-type: none"> • Gloria Esposito, Low Carbon Vehicle Partnership (UK): <i>High blend biofuel adoption by bus and truck operators in the UK</i> • Anna Soltorp, BRA Flyg (SE) • Anne Sophie Vinther Hansen, Maersk (DK): <i>Net zero emissions by 2050 - a maritime approach to renewable energy transition</i> • Jonas Nordh, Scania Group (SE) 		
10.15	Coffee break		
10.45	PARALLEL SESSIONS		
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12.00	Closing remarks (Plenary)		
12.15	Lunch and networking		
13.15	Close		