

# Bio4Fuels Days 2018: Scientific Meeting



# Bio4Fuels Days

Norwegian Center for Bio-Based Fuels and Sustainable Energy

11 – 12 October 2018

[Quality Airport Hotel Gardermoen](#)

## Airport shuttle service

There is an airport shuttle service (**S22**) that runs between the airport and the hotel several times an hour. Tickets can be purchased on the bus.

## Bio4Fuels Days 2018

### Final Program

Thursday 11 October 2018 – Open Meeting

Start	Minutes	End	Theme	Speaker
0900	20	0920	Welcome	Duncan Akporiaye, Centre Leader
0920	20	0940	Biofuels in Norway	Audun Rosland, Director, the Norwegian Environmental Agency
0940	40	1020	The IEA's Bioenergy Roadmap	Adam Brown, IEA (Renewable Energy)
1020	40	1100	Biofuel Innovation and Technology Progress	Jaap Kiel, EERA Bioenergy
<b>1100</b>	<b>20</b>	<b>1120</b>	<b>Coffee break /Poster Session</b>	
1120	30	1150	Biofuels, climate change mitigation and sustainability	Francesco Cherubini, NTNU / UNEP
1150	30	1220	Refining the future - Lignofuels	Niilo Oikarinen, Neste
1220	35	1255	Sustainability in Elkem	Alf Tore Haug, ELKEM
1255	20	1315	Effects of the biofuel research in Norway	Odd Jarle Skjelhaugen
<b>1315</b>	<b>60</b>	<b>1415</b>	<b>Lunch</b>	
1415	255	1730	Visit to EGE Waste-to-Energy Agency's Biogas Plant	
<b>1900</b>			<b>Dinner at Quality Airport Hotel Gardermoen</b>	

Friday 12 October 2018 – Closed Meeting

Start	Minutes	End	Theme	Speaker (responsible)
0830	30	0900	Introduction by Silva Green Fuels	Ingo Machenbach
0900	150	1130	Scientific Presentations - the Bio4Fuels Value Chains. Please see details below.	(SP Leaders)
<b>1000</b>	<b>30</b>	<b>1030</b>	<b>Coffee / Poster Session</b>	
1130	20	1150	International Advisory Group – evaluation of Annual Report 2017, Work Plan 2019, scientific presentations and posters	Bio4Fuels' IAG
<b>1150</b>	<b>60</b>	<b>1250</b>	<b>Lunch</b>	

1250	130	1500	Bio4Fuels Cluster / SP Interactions – Work plans 2019	All / Lead by WP and SP leaders
1500	30	1530	Bio4Fuels General Assembly 2018 - information	Duncan Akporiaye

### Scientific Presentations - the Bio4Fuels Value Chain (SP1, 2, 3, and 4)

0900 - 0930 **SP1** Chair Francesco Cherubini - **NMBU** Eirik Ogner Jåstad 15' + **Norges Skogeierforbund** Erlend Grøner Krogstad 15'

0930 – 1000 **SP2** Chair Judit Sandquist - **NMBU** Aniko Varnai 15' + **St1** Minna Yamamoto 15'

*Coffee*

1030 – 1100 **SP3** Chair Svein Jarle Horn – **NTNU** De Chen 15' + **Solenis** 15' Are Wiberg

1100 – 1130 **SP4** Chair Bernd Wittgens - **NTNU** David Emberson 15' + **Sintef** Bernd Wittgens 15'



Energigjenvinningsetaten

## City of Oslo – Waste-to-Energy Agency

### MULTI STEP PRE-TREATMENT

Processing food waste into biogas and bio fertilizer requires an extensive pre-treatment before the waste is clean and has an adapted texture for gas and fertilizer production. Both pre-treatment, developed by a Norwegian biogas substrate company and Cambi's thermal hydrolysis process (THP), are crucial for the products Waste-to-Energy Agency deliver to customers. [Please read more here.](#)

### BIOGAS AND BIOFERTILIZER

Oslo's new biogas plant, Romerike Biogas Plant (RBA) manages pre-sorted food waste from Oslo residents. The plant also receives food waste from businesses and from other municipalities. Carbon-neutral biogas for Oslo buses is produced at the plant, as well as eco-friendly biofertilizer for agricultural use. EGE's biogas plant is part of the municipality's comprehensive climate action plan – a life cycle-based waste management system. [Please read more here.](#)

OSLO



## Oslo – The European Green Capital 2019

“Tackling climate change is a high priority for Oslo. The city aims to cut emissions by 50% by 2020 (compared to 1990) and to be carbon neutral by 2050. Oslo has introduced a range of integrated measures to achieve these ambitious targets, for example, by promoting zero emissions transport. The city has become the ‘Electric Vehicle Capital of the World’ with 30% of all vehicles now sold in the city being electric.”

<https://www.miljohovedstaden.no/english>

<http://ec.europa.eu/environment/europeangreencapital/winning-cities/2019-oslo/>