

The AIChE Netherlands / Belgium Section is pleased to invite you
to attend the Lecture Dinner Meeting:

Biofuels and Regulations in the EU

by Masoud Zabeti — Business Development Manager — Ketjen

Thursday April 13th, 2023 – Golden Tulip, Zoetermeer

Program

17.30 – 18.00	Registration
18.00 – 19.00	Lecture
19.00	Dinner

Summary

Biofuels are made from renewable sources such as agricultural crops and waste, and are an environmentally friendly alternative to fossil fuels offering benefits over traditional fossil fuels, including reduced carbon emissions, increased energy security, and the potential to create jobs in rural areas. Currently, the global use of biofuels for transportation and chemicals is estimated at around 12 % and 5 % respectively. This is projected to increase to around 20 % and 8 % respectively by the year 2050. In addition, the use of biofuels for electricity generation is expected to increase significantly, from around 1 % currently to around 10 % by 2050. The European Commission's Renewable Energy Directive (RED II) sets a target of 32 % of energy from renewable sources by 2030. This includes a target of 14 % renewable energy from transport fuels, which includes biofuels. This could lead to a further increase in the share of biofuels in Europe to around 20 – 25 % in the next 5 – 10 years.

Current leading technologies for biofuels in Europe are biodiesel and bioethanol. These technologies are expected to continue to develop in the next 5 - 10 years with advancements in cellulosic ethanol, advanced biofuels and the development of new feedstock. Additionally, waste-to-energy, hydrogen-based fuels, and synthetic fuels are expected to become more prominent in the next decade.

This presentation will give an overview of some of the current and future process technologies for biofuels and Ketjen's 20-year track record in field. Finally, it will speak to the impact of feedstock regulations in the EU.

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Professional Background of the Speaker

Masoud Zabeti is a biofuels expert and a business development manager with more than 15 years of experience in renewable sector, including R&D, consulting and commercial experiences. During his consulting experience, Masoud worked on many projects related to biofuels conversion technologies, feedstock and regulations. His commercial experience prior to working at Ketjen includes development of feedstock supply chain and sourcing.

Masoud joined Ketjen in September 2022 as business development manager for renewables. He holds a PhD in catalysis from Twente University, the Netherlands. His PhD thesis was on catalytic pyrolysis of biomass to fuels and chemicals.

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Registration Form

Yes, I would like to attend the Lecture Dinner Meeting with the subject: 'Biofuels and Regulations in the EU' on Thursday, April 13th, 2023.

Company:

Name:

Job Title:

Email:

Diet:

Please send the invoice to:

Company:

Attn.:

Address:

City:

Reference:

Fees

Participant: 95 Euro

Sponsor: 60 Euro

Registration by mail: aiche@kborganisatietalent.nl

A week before the start of the Lecture Dinner Meeting you will receive a confirmation with practical information and your invoice. Free cancellation is possible, when in writing, 48 hours prior to the event.

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