

Exploring the Latest Breakthroughs in Lignocellulosic Biofuels



LIGNOFUELS 2024

7th - 8th February / Helsinki, Finland

KEY TOPICS:

- An Overview of the Current Lignofuels Market
- Update on Technological Developments and Innovations
- Legislation Influencing Biofuels
- Diversifying the Various Types of Feedstock
- Overcoming Obstacles in The Biofuels Industry
- Lignofuels and The Environment
- Financing Projects in The Industry

CONFIRMED SPEAKERS INCLUDE:



Andreas Teir
Head of Innovation Platform
NESTE



Marko Janhunen
Director, Public Affairs
UPM



Andrea Martelli
Global Head of Biofuels Trading,
Supply & Sustainability, **ENI**



Henrik Brodin
Head of Energy
SODRA



Oskar Meijerink
Head of Future Fuels
SKYNRG

and many more...

EXCLUSIVE FINTOIL'S HAMINA-KOTKA BIOREFINERY SITE VISIT:

During the afternoon of Tuesday 6th February, a day prior to the conference, limited number of conference delegates will have the unique opportunity to visit recently inaugurated Fintoil's Biorefinery in the port of Hamina-Kotka.

There is no extra charge to attend, but spaces are limited and are allocated on a first-come, first-served basis. Please indicate your interest in the site visit upon conference registration.



Helsinki, Finland

Building on the success of Lignofuels 2023, which attracted over 150 senior level attendees to Helsinki, we are pleased to be hosting ACI's 13th Lignofuels Conference on the 7th & 8th February 2024.

This two day conference will once again bring together key lignofuels stakeholders to join in-depth, high quality discussions and networking. Attendees include leaders from advanced generation biofuels companies from across the globe represented by Technical, Strategic and Business Development Executives from First and Advanced Generation Biofuels Producers, Oil Refiners, Process Technology Providers, Enzyme Developers, Engineering Firms and Agribusiness as well as Financiers, Investors, Policy & Regulators, Automotive & Aviation Industries, Consultants, Traders & Brokers and Chemical Companies.



Agenda Committee:

Andre Paula Santos, Public Affairs Director, **EBB**

Igor Lishajko, VP International, **RenFuel**

Andrea Martelli, Global Head of Biofuels Trading, Supply & Sustainability, **ENI**

Bharadwaj Kummamuru, Executive Director, **World Bioenergy Association**

Felipe Ferrari, Technology Innovation Renewable Fuels, **GoodFuels**

Opportunities to Meet Your Target Audience:

Showcase your technologies to the industry, with opportunities to demonstrate the capabilities of your latest products and services. Companies can gain direct access to our senior level audience and have an increased level of visibility and exposure through branding and networking at the conference. This will allow you to attract new business and forge lasting commercial relationships.

For information on available commercial opportunities, please contact: **Sam Cormack**

+44 20 3141 0609 - samc@acieu.net

EXCLUSIVE FINTOIL'S Hamina-Kotka BIOREFINERY SITE VISIT



During the afternoon of **Tuesday, February 6, 2024**, a day prior to the conference, a limited number of conference delegates will have the unique opportunity to visit **Fintoil's Crude Tall Oil (CTO) Biorefinery** in the port of Hamina-Kotka.

There is **no extra charge to join the site visit**, although the number of places is limited and allocated to the conference delegates on a **first-come first-served basis**. Therefore, we would strongly recommend you to **book your place early** enough to avoid disappointment.

Registration is Simple:

If you would like to register for this event or wish to find out more information, you can contact **Dimitri Pavlyk** using any of the following methods:

Tel: +44 203 141 0610

Email: dpavlyk@acieu.net

Conference Fees:

Conference Pass (Includes Doc. Packet)	£1,895
Documentation Packet Only	£495

Members and customers of all supporting organisations are entitled to a discount off their conference package.

Discounts are available for multiple/group bookings.

Host City of Helsinki:



DAY 1

Wednesday 7th February 2024

08:00 **REGISTRATION & WELCOME COFFEE**

09:00 **CHAIRPERSON'S OPENING REMARKS**



Andy Hill
Deputy Chair
Wood Recyclers' Association

09:15 **CONFERENCE PRESENTATION**
An Overview of the Current Lignofuels Market

- Current status of the biofuels market
- Understanding how the market will be changing throughout the coming years
- Projections for the future



Bharadwaj Kumamuru
Executive Director
World Bioenergy Association

09:45 **SESSION ONE**
Update on Technological Developments and Innovations

- Updates on innovations in the industry
- The technology pathways to value the biomass
- Possibilities of using crops
- Bringing technology at commercial deployment

Presentation Title to be Confirmed



Esa Sipilä
Senior Principal
AFRY Management Consulting

Beyond fossils – UPM perspectives on key developments in the advanced biofuels industry



Marko Janhunen
Director, Public Affairs
UPM

How to Scale Up Successfully - Learnings from a 100 M€ NEXPINUS Case Study

- Crude Tall Oil (CTO) value chain - how fit it is for the biofuels and biochemicals industry
- Neste's NEXPINUS technology for the CTO industry
- Fintoil Hamina Oy CTO fractionation project presentation



Kari Kaskes
Business Development Director
Neste Oyj

11:20 **MORNING REFRESHMENTS**

11:50 **SESSION TWO**
Legislation Influencing Biofuels

- Update on policies & EU regulations
- Legislation is now a more stable framework than it was
- The revision of Annex 9
- How might regulation impact the market?
- European Commission's Renewable Energy Directive (RED II)



André Paula Santos
Head of EU Policy
Nuseed

Carlo Alberto Miani
Technical Policy and Sustainability Manager
ePURE



Harri Haavisto
Senior Specialist
Ministry of Economic Affairs and Employment of Finland

13:40 **LUNCH**

14:40 **CONFERENCE PRESENTATION**
Key Developments in the German Market and Policy in the Field of Biofuels



Elmar Baumann
Managing Director
Verband der Deutschen Biokraftstoffindustrie e. V.

15:10 **PANEL DISCUSSION**
Diversifying the Various Types of Feedstock

- Discussing the availability of feedstocks
- Looking at various feedstocks – not just wood
- Feedstock competition with other emerging markets in plastics, material, and chemicals
- Scaling up the production of feedstocks
- Securing feedstock supply



Henrik Brodin
Head of Energy
Sodra



Daniel Madrid García
Trading Manager
Generandi



Jens Price Wolf
General Manager Europe and
Vice President Commercial
Enviva



Steven Gust
Senior Technical Advisor
Steeper

15:55

CONFERENCE PRESENTATION

From Pulping and Fiberboard to New Sustainable End Products – Opportunities and Challenges

- Valmet has extensive experience in developing and supplying technology to convert biomass into pulp, paper and energy.
- With this as a platform, Valmet has a natural role to play in biomass conversion technologies, targeting new sustainable end products like 2G ethanol and biochemicals.
- The target with this presentation is to explain some of the opportunities and challenges experienced during the first decade in doing so.



Mats Arnberg
Director Biomass Conversion
Technology
Valmet

16:15

AFTERNOON REFRESHMENTS

16:45

CONFERENCE PRESENTATION

Overcoming Obstacles in The Biofuels Industry

- New technologies and innovations are constantly creating new challenges
- Learning to be patient and allow more time for development
- Technology is an issue in terms of efficiency and cost reduction
- Issues of green-washing
- How to store and transport lignofuels

Steeper's Hydrofaction® Technology: Converting Forestry Residues to Finished Transportation Fuels

- The story of Steeper Energy
- Commercialization pathway of Hydrofaction®
- Updates on the Norwegian demonstration project

17:05

CONFERENCE PRESENTATION

Hydrotreatment of advanced biofuels a pathway for production of renewable marine and jet fuel

- How conversion technology and type of biomass affects the biocrude composition
- Latest development in hydrotreatment of fast pyrolysis oil
- Standalone hydrotreating and co-processing of hydrothermal liquefaction oil



Magnus Zingler Stummann
Principal Scientist • Clean &
Renewable Fuels Hydrotreating
Topsoe

17:25

CONFERENCE PRESENTATION

Presentation Title to be Confirmed

Senior Representative
Axens

17:45

CONFERENCE PRESENTATION

How to significantly reduce CAPEX in advanced biofuels projects

- Praj Industries' 3 commercial 2G ethanol plants: operating & under construction
- Breakdown of CAPEX reduction areas
- Deep dive: lowering CAPEX intensity by existing assets through co-location & retrofitting



Melich Seefeldt
Vice President Business Development
Europe
Praj

18:05

CLOSE OF DAY ONE

DAY 2

Thursday 8th February 2024

08:30

REGISTRATION & WELCOME COFFEE

09:00

CHAIRPERSON'S OPENING REMARKS



Andy Hill
Deputy Chair
Wood Recyclers' Association

09:05

CONFERENCE PRESENTATION

Fermentation Solutions for Productions from Lignocellulosic Feedstocks

- Cellulosic ethanol: solutions for industrial scale production
- New opportunities to create value from biomass



Romain Fromanger, Ph.D.
Industrial Fermentation Expert –
Europe & Asia
Leaf

09:25

SESSION FOUR

Financing Projects in The Industry

- Sourcing the funding for projects and developments
- An economic analysis of feedstock costs
- Hearing an investor's perspective



Peter van Ees
Sector Banker New Energies &
Fuels
ABN AMRO Bank NV

09:45

CONFERENCE PRESENTATION

Creating Added Value Streams - Getting the Most from Your Biomass

- Separation technologies to upgrade and improve the value chain
- Generating added value by utilizing liquid-liquid extraction technology
- Purifying of and creating value from waste water streams
- Guaranteed performance based on reliable and specific piloting



Dr. Kai Jödicke
Key Accounts and Regional Sales
Manager
Sulzer

10:05

CONFERENCE PRESENTATION

Simulation and Integration - Keys to Successful Biorefineries

- One-stop shop for the definition of environmental and financial performance of biomass industries (P&P, Bioethanol, Biorefineries)
- A user-friendly software, open innovation platforms, PC or web-based



Stamatina Sideri
Business Development Manager
American Process

10:25

MORNING REFRESHMENTS

10:55

SESSION FIVE

Lignofuels in Aviation, Automotives and Marine Industries: Part 1

- Drop in fuels for the automotive, aviation and marine industries
- Transportation Fuels and Other Hard-to-Abate Sectors



Manolis Karampinis
Director, Business Development and
Membership Department
Bioenergy Europe



Arvid Løken
Senior Advisor, Sustainability
Department
Avinor



Felipe Ferrari
Technology Innovation Renewable
Fuels
GoodFuels

12:45

LUNCH

13:45

SESSION SIX

Lignofuels in Aviation, Automotives and Marine Industries: Part 2

- Drop in fuels for the automotive, aviation and marine industries



Andreas Teir
Head of Innovation Platform
Neste



Oskar Meijerink
Head Of Future Fuels
SkyNRG



Andrea Martelli
Global Head of Biofuels Trading,
Supply & Sustainability
ENI

15:35

CONFERENCE PRESENTATION

Moving Towards a Future of Lignofuels

- Future perspectives of the lignofuel industry
- How can we achieve climate targets?
- Storing and transporting lignofuels
- LCAs of lignocellulosic feedstocks



Michael Maimann
Expertise Director in Biomass and
Biofuels
Niras

16:05

CHAIRPERSON'S CLOSING REMARKS



Andy Hill
Deputy Chair
Wood Recyclers' Association

16:10

CLOSE OF DAY TWO