

11th & 12th March 2020
Omaha, Nebraska, USA

Lignofuels Americas 2020

Achieving Maximum Commercial Value for Cellulosic Biofuels:
Identifying New Business Opportunities



KEY TOPICS

- Detailed assessment of market growth and opportunities in the US and across the rest of the continent
- Policy & regulatory changes impacting the cellulosic biofuel industry
- Ensuring a reliable & sustainable feedstock supply
- Showcasing cutting-edge technology developments
- Integrated production of fuels & chemicals: the biorefinery approach
- Cellulosic biofuel production plant owner/operator case studies
- Sustainable aviation fuel from lignocellulosic biomass
- Investment trends and the nature of investors past, present & future

CONFERENCE SPONSOR



Lignofuels Americas 2020 will bring together senior representatives from across the entire value chain including feedstock producers, technology providers, lignofuel producers and the research community amongst others for two days of informative presentations, interactive discussions and excellent networking opportunities.

Transportation fuels from lignocellulosic feedstocks have made huge steps forward in terms of technological development and we are also now seeing drives to optimize the product value through the **integration of chemical production and holistic approach to feedstock processing**.

Join us in Omaha on 11-12 March to discover more about the latest developments in this growing industry and, more importantly, **new ideas to maximize the commercial value of your operations**.

Registration is simple:

If you would like to register for this event or wish to find out more information, please contact:

Angeliki Oikonomou
Tel: + 44 (0)203 141 0640
Email: angeliki@acieu.net

Key Areas of Focus:

- Market analysis & forecasts
- Policy & regulation
- Feedstock supply
- Technology developments
- Integrated chemical production
- Case study presentations from plant owners
- Investment trends

Exhibition & Sponsorship Opportunities

A limited number of companies can gain direct access to our senior level audience and have an increased level of visibility through branding and networking activities at the conference.

For information on available exhibition and sponsorship opportunities, please contact:

Karol Lewicki
Tel: +48 61 64 67 038
Email: karol@acieu.net



Who Will Attend?

- Lignofuel producers
- Feedstock suppliers
- Technology providers
- Research/academia
- Biofuels market analysts
- Bioenergy consultants

Speaking Opportunities

If you would like to be considered for a speaking opportunity at the event, with a 20-30 minute presentation, please submit an abstract to:

Chris Taylor
Tel: +44 (0) 203 141 0602
Email: ctaylor@acieu.net



DAY 1

Wednesday 11th March

8:30 AM REGISTRATION & COFFEE

9:30 AM CHAIR'S OPENING REMARKS



Steve Hartig
Senior Consultant
ReCon Associates

9:45 AM SESSION ONE

Market Analysis & Forecast: US & The Americas

- In-depth analysis of the key drivers for market growth in cellulosic ethanol, cellulosic diesel & renewable natural gas (RNG) in the Americas
- Production capacity update & forecast
- Where do cellulosic biofuels sit alongside alternative transportation fuels such as gasoline & diesel, oleofuels, e-fuels, hydrogen and batteries?
- Assessing the lessons learned from demo and pilot plant activity and how these can be applied during commercial deployment of the technologies



Steve Hartig
Senior Consultant
ReCon Associates

Jim Ramm
Director of Engineering
EcoEngineers

11:00 AM MORNING REFRESHMENTS

11:30 AM CONFERENCE PRESENTATION
Chemicals from Lignocellulosic Biomass

Blake Simmons
Division Director, Biological Systems & Engineering
Lawrence Berkeley National Laboratory

12:15 PM CONFERENCE PRESENTATION
Ensuring a Reliable & Sustainable Feedstock Supply

- The use of crop residues (particularly corn stover) for use in cellulosic ethanol production
- Sustainability and reliability concerns
- What is the optimal use for these residues from a scientific perspective?
- What works best for the farmer? e.g. potential impact on soil quality

David Clay
Distinguished Professor Soil Science
South Dakota State University

1:00 PM LUNCH

2:00 PM

SESSION TWO

Policy & Regulatory Changes Impacting the Cellulosic Biofuel Industry

- Approved pathways for D3 & D7 RINs and the use of RNG for cellulosic biofuels credits
- Addressing the variability in the value of RINs
- Latest updates from the Low-Carbon Fuel Standard program in California
- Implementation of year-round E15 sales and a view to E30 in the US



David Hallberg
Principal
Dakota AG Energy

Monte Shaw
Executive Director

Iowa Renewable Fuels Association

Jonathan Hackett
Renewable Fuels Advisor
United States Environmental Protection Agency

3:15 PM

AFTERNOON REFRESHMENTS

3:45 PM

CONFERENCE PRESENTATION

Production & Detection of Polyhydroxybutyrate in Lignin Suspensions

- Polyhydroxybutyrate (PHB) was produced from aromatic compounds by both heterotrophic and phototrophic bacteria
- A novel supplement system increased PHB production 20x compared to control with no supplements
- A non-destructive PHB detection system was developed for use with dark lignin suspensions



Mark Wilkins
Director, Industrial Agricultural Products Center
University of Nebraska-Lincoln

4:30 PM

CONFERENCE PRESENTATION

Hydrofation™: Transforming Bio-organic Residues into Advanced Biofuels



Perry Toms
CEO
Steeper Energy

5:15 PM

CLOSE OF DAY ONE

DAY 2

Thursday 12th March

9:00 AM

REGISTRATION & COFFEE

9:30 AM

CHAIR'S OPENING REMARKS



Steve Hartig
Senior Consultant
ReCon Associates

9:35 AM

CONFERENCE PRESENTATION

Investment Trends and the Nature of Investors Past, Present & Future

- Lessons learned from past investments in cellulosic biofuel plants
- The importance of proven technology in securing funding & the increasing attraction of RNG

David Gardels
Partner
Husch Blackwell

Scott McDermott
Partner & Chief Operating Officer
Ascendant Partners, Inc.

10:20 AM

MORNING REFRESHMENTS

10:50 AM

SESSION THREE

Production Plant Owner/Operator Case Studies

Cellulosic biofuel producers from across the Americas will present their progression towards the end commercial goal including:

- Target market analysis
- Finance & economics
- Feedstock procurement
- Technology employment



Robert Brown
Director, Bioeconomy Institute
Iowa State University

John Haeckel
CEO
Clean Fuel Partners

12:05 PM

LUNCH

1:05 PM

SESSION FOUR

Sustainable Aviation Fuels: A Market Opportunity

- This is a unique place and time for aviation, with mounting pressures to reduce carbon-dioxide emissions. Although business aviation is a small fraction of the total man-made carbon dioxide emissions, the commitment to reduce its emissions has been in place since 2009, with aggressive industry goals reaching out to 2050. Gulfstream is taking a proactive approach and leading the industry in supporting these goals through the use of sustainable aviation fuel
- Assessment of the conversion routes from lignocellulosic feedstock to biojet: focus on scalability & cost competitiveness



Charles Etter
Environmental Strategy and
Regulatory Affairs
Gulfstream Aerospace
Corporation

Chris Tindal
Assistant Director
CAAFI

2:20 PM

CHAIR'S CLOSING REMARKS



Steve Hartig
Senior Consultant
ReCon Associates

2:30 PM

END OF CONFERENCE & AFTERNOON REFRESHMENTS

More Information & Registration

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

Tel: +44 (0) 203 141 0610

Email: angeliki@acieu.net

Web: <http://www.acieu.net>

Addr: 10 Gough Square, London, EC4A 3DE

Registration is simple

Conference (Includes Documentation Packet) 11th & 12th March 2020

\$ 2,395.00
(ex. Vat)

Documentation Packet Only

\$ 615.00

Please note: Members and customers of all supporting organizations are entitled to a discount off their conference package.

For more information please call +44 (0)203 141 0640

Documentation Packet Available

We are selling the Lignofuels Americas 2019 papers at just \$ 585 + \$ 30 shipping & handling. Simply tick the box on the booking form, send it with payment and your copy will be on its way to you after the meeting. This important manual will be a source of invaluable reference for the future.

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