

# Sixth INTERNATIONAL CONFERENCE ON LIGNOCELLULOSIC ETHANOL

Brussels, Belgium, 27-28 September 2017



## 6<sup>th</sup> ICLE - Accelerating Deployment.... the need for enabling policies

Thon EU Hotel  
Rue de la Loi 75, 1040 Bruxelles

Wednesday (am), 27 September 2017

**9:30 – 13:00**

***Pre-Conference Workshop: Sustainable lignocellulosic biomass: How best to integrate sustainability in project planning?***

Open to all ICLE Participants

This pre-conference workshop aims to:

- Consider best practices on mobilising sustainably lignocellulosic biomass
- Formulate specific recommendations on adequate sustainability measures going forward.
- Identify the knowledge gaps

Speakers and participants to the workshop will include representatives from:

- European Commission
- FAO
- The US Department of Agriculture
- Sustainability experts from DuPont, Novozymes, Biochemtex, UPM, Clariant, etc
- Academia, think tanks and research institutes

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## Wednesday (pm), 27 September 2017

**14:00 – 14:30**

### ***Opening Session: Setting the scene***

#### Welcome & Keynote Presentations by the co-chairs:

- Kyriakos Maniatis, Principal Administrator, DG ENER, European Commission
- Mechthild Wörsdörfer, Director for Renewables, Energy Efficiency and Innovation, DG ENER, European Commission
- Thomas Schröder, VP, Biorefining Commercial, Novozymes A/S

**14:30 – 16:00:**

### ***Panel 1: State of play on REDII***

#### Speakers tbc:

- Paula Abreu Marques, European Commission, DG Energy
- Member of the European Parliament
- Representatives from National Governments
- David Chiaramonti, Alternative Renewable Transport Fuels Forum
- Industry value-chain representatives
  - Andrew Murfin, Shell
  - Jan Konincxk, DuPont
  - Frederic Eychenne, Airbus
  - Hermann Pengg, Audi

#### Key topics:

- State of play of the discussions on REDII
- Implementation of ILUC advanced biofuels mandate at national level
- How will REDII impact the deployment of lignocellulosic ethanol?
- What are the other legislation on transport decarbonization that can impacting cellulosic ethanol deployment (CO2 emission from cars, effort sharing, etc)

**16:00 to 16:30 – coffee break**

**17:00 – 18:30**

### ***Panel 2: State of the industry–progress in commercial plants***



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## Speakers tbc:

- Dario Giordano, BetaRenewables
- Kenneth Hill, DuPont
- Pedro Mizutani, Raizen
- Mika Aho, ST1
- Hans Otto Sørensen, Danish cooperative for straw sales

## Key topics:

- Progress and learning curve in cellulosic ethanol plants so far
- What technical hurdles have been resolved?
- What are the ongoing challenges?
- Replication: how do we get to the next phase, i.e. the next wave of cellulosic ethanol plants?
- What are the benefits/experience from farmers/biomass producers?

**19:30 – 21:00 - Conference networking dinner offered by the European Commission**

**Thursday , 28 September 2017**

**9:00– 10:30**

***Panel 3: International developments to boost demand for low carbon fuels***

## Speakers tbc:

- IEA - International Energy Agency
- IEA Bioenergy
- IRENA – International Renewable Energy Agency
- FAO
- Biofuture Platform
- Regional initiatives
  - India
  - US
  - Brazil

## Key topics:

- How to remain below 2°C – the role of biofuels, advanced biofuels and ligno-cellulosic ethanol.
- How to accelerate the pace of deployment?
- Examples of Partnerships: Biofuture Platform, Below50, etc



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- Regional case studies and recommendations

**10:30 to 11:00 – coffee break**

**11:00 – 11:30**

***Presentation of conclusions from the pre-conference workshop on Sustainability of lignocellulosic biomass***

**11:30 – 13:00**

***Panel 4: Beyond driving demand: Commercial project financing and investment needs***

Speakers tbc:

- Mika Aho, St1
- ECFIN innovfin
- EIB
- Private Bank

Key topics:

- What are the investments needs - how to bridge the financial gap?
- How does a strategic player finance a cellulosic ethanol project?
- What does a non-strategic investor require to invest (expectations on bankability, risk/return expectations, minimum price value, etc)?
- What is the role of public financing and what are the existing public financing opportunities?

**13:00 – 14:00 - Lunch**

**14:00 – 14:30**

***Launch of report on cellulosic ethanol ramping up in Europe to 2030***

**14:30 - 15:30**

***Panel 5: Where will the supply of lignocellulosic ethanol come from and what will be the next big opportunities for the sugar platform?***

Speakers tbc:

- De Smet





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- Borreggaard
- BP - Butamax
- Energochemica

## Key topics

- What does need to be true to accelerate cellulosic ethanol deployment (based on other renewable industries learning curve)?
- The benefits of co-location of conventional and cellulosic ethanol plants
- Beyond fuel for road transport
- Exploring the possibilities of the sugar platform

**15:30–16:00**

***Conclusions and wrap up***

*Join the conversation on Twitter using #ICLE6*

