



EU-INDIA-BCE
CONFERENCE



PROGRESS IN ADVANCED BIOFUELS

2 - 4 MARCH 2022
ONLINE

Agenda

EU-India-BCE Conference on Advanced Biofuels

Progress in Advanced Biofuels

2 - 4 March 2022

Time in CET & India

Wednesday 2 March 2022

08.45 - 9.45 CET

13.15 - 14.15 India time

Opening session

CHAIRS:

Kyriakos Maniatis, EU Chair, Former European Commission, DG ENER

Y.B. Ramakrishna, India Chair, Former Chairman – Working group on Biofuels, Ministry of Petroleum & Natural Gas

Welcome

Maria Georgiadou, Senior Expert - Renewable energy R&I policy, European Commission

"The EU Perspective for Renewable Fuels"

Paolo Frankl, IEA

"Role of Advanced Biofuels for Net Zero"

Jim Spaeth, U.S. Department of Energy, Bioenergy Technologies Office & Chair Biofuture Platform

"Progress of the Biofuels Platform, Plans and Progress of the Biofuture Platform Clean Energy Ministerial Initiative"

Tomas Ekbom, IEA Bioenergy & Task 39 Leader

"Biofuels to Decarbonize Transport"

Ravneet Mann, Invest India, Vice President

"The India Opportunity & An introduction to Invest India"

09.45-10.05 CET

14.15-14.35 India time

Keynote

Andrew Murfin, New Fuels-Low Carbon Fuels, Shell,

"Emerging Landscape of advanced biofuels"

10.05-11.05 CET

14.35-15.35 India time

Panel discussion 1: Global Developments in Advanced Biofuels, are we moving forward?

Moderator:

David Chiamonti, Polytechnic of Torino

Panellists:

Paolo Frankl, IEA

Tarun Kapoor, Chairman, Energy Transition Advisory Committee

Maria Georgiadou, Senior Expert - Renewable energy R&I policy, European Commission

Jim Spaeth, U.S. Department of Energy, Bioenergy Technologies Office & Chair Biofuture Platform

Divyesh Desai, New Fuels-Low Carbon Fuels, Asia, Shell

Tomas Ekblom, IEA Bioenergy & Task 39 Leader

11.05-11.15 CET
15.35-15.45 India time

Coffee Break

11.15-13.30 CET
15.45-18.00 India time

Session: Advances on Sustainable Aviation Fuels

11.15-11.25 CET
15.45-15.55 India time

Keynote

Laxmi Narasimhan, Venture Technology Advisor, Low Carbon Fuels, Shell

"Technology pathways for Sustainable Aviation fuels production - An overview"

11.25-11.45 CET
15.55-16.15 India time

Keynote

Yvon Bernard, Business Development Manager, Bio & Renewables, Axens

"Advanced Technologies to Produce Sustainable Aviation Fuel"

11.45-12.00 CET
16.15-16.30 India time

Anjan Ray, Director, CSIR Indian Institute of Petroleum

"An indigenously developed, potentially hundred percent drop-in, SAF from India."

12.00-12.15 CET
16.30-16.45 India time

Oskar Meijerink, Head of Future Fuels and part of SkyNRG

"The opportunity of SAF and consequences of ReFUEL EU – a market outlook"

12.15-12.30 CET
16.45-17.00 India time

Preeti Jain, Director, Business Development & Government Relations, LanzaTech
“Alcohol to Jet: Opportunities for SAF in India”

12.30-13.30 CET
17.00-18.00 India time

Panel discussion 2: Commercialisation of SAF

Moderator:

Dasappa Srinivasaiah, Chair, ICER, Indian Institute of Science

Panellists:

Laxmi Narasimhan, Venture Technology Advisor, Low Carbon Fuels, Shell

Yvon Bernard, Business Development Manager, Bio & Renewables, Axens

Anjan Ray, Director, CSIR Indian Institute of Petroleum

Oskar Meijerink, Head of Future Fuels and part of SkyNRG, SkyNRG

Preeti Jain, Director, Business Development & Government Relations, LanzaTech

13.30-13.35 CET
18.00-18.05 India time

Conclusions of Day 1

Kyriakos Maniatis, EU Chair, Former European Commission, DG ENER

Y.B. Ramakrishna, India Chair, Former Chairman – Working group on Biofuels, Ministry of Petroleum & Natural Gas

Thursday 3 March 2022

08.50-09.00 CET
13.20-13.30 India time

Kyriakos Maniatis, EU Chair, Former European Commission,
DG ENER

Y.B. Ramakrishna, India Chair, Former Chairman – Working
group on Biofuels, Ministry of Petroleum & Natural Gas

Welcome

09.00-10.45 CET
13.30-15.15 India time

Session: Market deployment of Biomethane

09.00-09.30 CET
13.30-14.00 India time

Keynote

Claus Sauter, CEO, Verbio AG
and

Ashish Kumar, Managing Director, VERBIO India Pvt Ltd.
*"Making a Sustainable Biomethane Investment Case in India: VERBIO's
WIP (work in progress)"*

09.30-10.45 CET
14.00-15.15 India time

Panel discussion 3: Biomethane for decarbonising transport and greening the grid

Moderator:

Arthur Wellinger, Managing Director, Triple E&M

Panellists:

Claus Sauter, CEO, Verbio AG
and

Ashish Kumar, Managing Director, VERBIO India Pvt Ltd.

Som Narayan, Carbon Masters

Uwe Fritsche, Scientific Director, IINAS

Sharad Mittal, RNG, Low carbon Fuels Asia, Shell

Shivangi Tiwary, Manager, Invest India

10.45-13.50 CET
15.15-18.20 India time

Session: Commercialisation of Cellulosic ethanol

10.45-11.05 CET
15.15-15.35 India time

Keynote

Rehman Faizur, Head of Bio2X, Fortum India

"Biomass to Biofuels: Pathway towards carbon neutrality"

11.05-11.25 CET
15.35-15.55 India time

Keynote

Johan Thevelein, Managing Director, Novel Yeast

"Development of superior industrial yeast strains for economically sustainable production of advanced biofuels"

11.25-11.35 CET
15.55-16.05 India time

Coffee break

11.35-11.55 CET
16.05-16.25 India time

Keynote

G S Krishnan, Novozymes, India

"Importance of innovation and the role of enzymes in bioethanol production"

11.55-12.10 CET
16.25-16.40 India Time

Pierluigi Picciotti, Licensing Manager Green Chemistry, Versalis

"Enabling advanced biofuels industrial deployment: 5 key factors"

12.10-12.25 CET
16.40-16.55 India time

Hernane Genu, Raizen

"Transforming sugarmills into bioenergy parks"

12.25-12.45 CET
16.55-17.15 India time

Keynote

Mallikarjun Navalgund, Business Development, Praj Industries

"PRAJ's cellulosic ethanol technology: Assured success"

12.45-13.45 CET
17.15-18.15 India time

Panel Discussion 4: Cellulosic ethanol, moving to global commercialisation

Moderator:

Paolo Corvo, BFPartners

Panellists:

Fortum

Novozymes

Pramod Kumbhar, Chief Technology Officer at Praj Matrix-R and D, Praj industries

Jorge Martinez Gacio, Technology team Manager, Technology & Technical Support Business Division, Axens

Johan Thevelein, Managing Director, Novel Yeast

Renato Godinho, Ministry of Foreign Affairs of Brazil

13.45-13.50 CET

18.15-18.20 India time

Conclusions of Day 2

Kyriakos Maniatis, EU Chair, Former European Commission, DG ENER

Y.B. Ramakrishna, India Chair, Former Chairman – Working group on Biofuels, Ministry of Petroleum & Natural Gas

Friday 4 March 2022

08.50-09.00 CET
13.20-13.30 India time

Kyriakos Maniatis, EU Chair, Former European Commission,
DG ENER

Y.B. Ramakrishna, India Chair, Former Chairman – Working
group on Biofuels, Ministry of Petroleum & Natural Gas

Welcome

09.00-13.30 CET
13.30-18.00 India time

Market deployment – Hurdles for advanced biofuels

09.00-09.20 CET
13.30-13.50 India time

Keynote

Vartika Shukla, Chair & Managing Director, EIL
"Biofuels: Greening the Energy Landscape"

09.20-09.35 CET
13.50-14.05 India time

Marco Bonvini, NextChem
"SAF Regional Production"

09.35-09.50 CET
14.05-14.20 India time

Dasappa Srinivasaiah, Chair, ICER, Indian Institute of
Science
*"Thermochemical conversion of biomass to hydrogen and
chemicals"*

09.50-10.05 CET
14.20-14.35 India time

Ingvar Landälv, Fuels & Energy Consulting
*"Solutions to the 'chicken and egg' issue when introducing a new
fuel"*

10.05-11.20 CET
14.35-15.50 India time

**Panel Discussion 5: Challenges in deploying biorefineries
(scaling up, policy eco system, high CAPEX/OPEX, financing,
pricing & mandates)**

Moderator:

Tarun Sawhney, Chairman, CII-Bio Energy CII Task Force

Panellists:

Ayush Mathur, Chief General Manager, EIL

Paolo Corvo, BFPartners

Ingvar Landälv, Fuels & Energy Consulting

Subodh Kumar, Former Executive Director, Indian Oil Corporation Limited

11.20-11.30 CET
15.50-16.00 India time

Coffee Break

11.30-12.30 CET
16.00-17.00 India time

Panel Discussion 6: Biomass availability and Sustainability issues

Moderator:

Y.B. Ramakrishna, India Chair, Former Chairman – Working group on Biofuels, Ministry of Petroleum & Natural Gas

Panellists:

Ashok Kumar, Principal Scientist & Product Placement Lead – Asia, ICRISAT

Calliope Panoutsou, Imperial College London, faculty of natural sciences

Ashish Kumar, Managing Director, VERBIO India Pvt Ltd.

Claus Sauter, CEO, Verbio AG

Myrsini Chrystou, CRES

Kjell Andersson, SVEBIO

12.30-13.30 CET
17.00-18.00 India time

Round Table discussion: Challenges and Opportunities of Advanced Biofuels Technology Commercialisation

Moderator:

Eric van den Heuvel, Studio Gear Up, the Netherlands

Panellists:

Sponsors

Divyesh Desai, New Fuels-Low Carbon Fuels, Shell

or

Laxmi Narasimhan, Venture Technology Advisor, Low Carbon Fuels, Shell

Ashish Kumar, Managing Director, VERBIO India Pvt Ltd.

Claus Sauter, CEO, Verbio AG

Amardeep Puri, Country Sales Manager, Axens India

Rajiv Agarwal, Executive Director, EIL

13.30-13.35 CET

18.00-18.05 India time

Conclusions of EU-India-BCE

Kyriakos Maniatis, EU Chair, Former European Commission, DG ENER

Y.B. Ramakrishna, India Chair, Former Chairman – Working group on Biofuels, Ministry of Petroleum & Natural Gas