

SESSIONS

PRODUCTION & OPERATIONS TECHNOLOGY WORKSHOP - 01/12/2021

Sugar & Ethanol Asia

1-3 December 2021
Sheraton Grande Sukhumvit Hotel
Bangkok, Thailand

Welcome Coffee

08:30 - 09:00

Opening Remarks from Workshop Chairman

09:00 - 09:10

Managing your cost structure and using (bio)technologies to improve production

09:10 - 09:40

- Staying competitive by optimising costs and revenues
 - Boosting plant capacity and profitability
 - Maximising margins by improving overall plant efficiency
 - Improving product quality and product diversification
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Employing fermentation best management practices

09:40 - 10:10

- Practical ways to achieve fermentation optimisation
 - Managing fermentation challenges
 - Promoting the health of the yeast used in the fermentation process
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Question Time

10:10 - 10:25

Networking + Refreshments Break

10:25 - 10:55

Challenges and opportunities when using cassava as a feedstock

10:55 - 11:25

- Getting more ethanol yield from the same feedstock input
 - Lowering the residual cassava pulp
 - Generating more fermentable sugars for yeast
-

Expanding and applying new technology to existing ethanol plants

11:25 - 11:55

- Operation improvements through various technologies
-

Application technology for the development of fuel ethanol production in China

11:55 - 12:25

Questions

12:25 - 12:40

Lunch

12:40 - 14:10

Steps to a Biorefinery: From sugar to co-products

14:10 - 14:40

Making ethanol even cleaner by using bagasse

14:40 - 15:10

- Increasing ethanol production capacity from the same planted area
-

Getting value from waste water: wastewater treatment technologies and options for sugar mills/distilleries

15:10 - 15:40

- Zero waste and zero discharge
 - Energy recovery in the form of biogas
 - Greenhouse gas reduction calculations
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Questions

15:40 - 15:55

Closing Remarks from the Chair

15:55 - 16:00

End Of Workshop

16:00 - 16:05

SCHEDULE

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10:00	10:10 - Question Time 10:25 - Networking + Refreshments Break 10:55 - Challenges and opportunities when using cassava as a feedstock
11:00	11:25 - Expanding and applying new technology to existing ethanol plants 11:55 - Application technology for the development of fuel ethanol production in China
12:00	12:25 - Questions 12:40 - Lunch
13:00	
14:00	14:10 - Steps to a Biorefinery: From sugar to co-products 14:40 - Making ethanol even cleaner by using bagasse
15:00	15:10 - Getting value from waste water: wastewater treatment technologies and options for sugar mills/distilleries 15:40 - Questions 15:55 - Closing Remarks from the Chair
16:00	16:00 - End Of Workshop

SESSIONS

DAY 1 MAIN CONFERENCE - 02/12/2021

Sugar & Ethanol Asia

1-3 December 2021
Sheraton Grande Sukhumvit Hotel
Bangkok, Thailand

Registration & Welcome Coffee

08:30 - 09:00

Opening Remarks from the Chair

09:00 - 09:10

World sugar balance reflecting an overall economic recovery

09:10 - 09:40

- Covid impacts: has home baking really protected sugar demand?
 - Key country movements – EU, India, Thailand, Brazil
 - Dealing with the certainty of uncertainty of sugar markets
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Global ethanol production expansion and trade

09:40 - 10:10

- Pushing forward: 2022 onwards for the global biofuels economy
 - High-quality industrial ethanol demand growth
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Question Time

10:10 - 10:25

Networking + Refreshments Break

10:25 - 10:55

Global molasses demand and trading

10:55 - 11:25

- Rising molasses use for fuel in Asia
 - Feed and industrial molasses uses and changes in demand
 - Trade projections
-

Asia's raws and whites sugar supply: opportunities to look out for

11:25 - 11:55

- Rising imports: Suppling the Asian sugar deficit
 - Structural and policy changes
 - Asia's sugar consumption trending back to growth
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Analysing ethanol trade flows in and out of Asia

11:55 - 12:25

- Is Asia still the release valve for global surplus ethanol?
 - Biofuels remain high on the political agenda
 - Increasing ethanol mandates in the region
 - Meeting growing requirements in the region
-

Question Time

12:25 - 12:40

Networking Lunch

12:40 - 14:10

The Cleaner Energy Challenge Panel

14:10 - 15:10

- Supplying the rising energy demand in the transport sector with Cleaner Fuels
 - No silver bullet: having a portfolio of choice in the energy transition to cleaner fuels
 - Transitioning to alternative fuels that provide energy but emit less CO₂
 - Fit for purpose: Biofuels a practical and cost-effective alternative fuel
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Question Time

15:10 - 15:25

Refreshments Break + Networking

15:25 - 15:55

Panel Discussion: Ethanol For Asia: Technology, Economics and Diversification

15:55 - 16:55

- Examining novel technologies and diverse biomass feedstocks available in the region
 - Cellulosic ethanol opportunities in Asia
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Questions

16:55 - 17:10

Closing Remarks from the Chair and end of day 1

17:10 - 17:20

Sugar & Ethanol Asia Networking Drinks

17:20 - 18:20

SCHEDULE

DAY 1 MAIN CONFERENCE - 02/12/2021

Sugar & Ethanol Asia

1-3 December 2021
Sheraton Grande Sukhumvit Hotel
Bangkok, Thailand

TIME	
08:00	08:30 - Registration & Welcome Coffee
09:00	09:00 - Opening Remarks from the Chair 09:10 - World sugar balance reflecting an overall economic recovery 09:40 - Global ethanol production expansion and trade
10:00	10:10 - Question Time 10:25 - Networking + Refreshments Break 10:55 - Global molasses demand and trading
11:00	11:25 - Asia's raws and whites sugar supply: opportunities to look out for 11:55 - Analysing ethanol trade flows in and out of Asia
12:00	12:25 - Question Time 12:40 - Networking Lunch
13:00	
14:00	14:10 - The Cleaner Energy Challenge Panel
15:00	15:10 - Question Time 15:25 - Refreshments Break + Networking 15:55 - Panel Discussion: Ethanol For Asia: Technology, Economics and Diversification
16:00	16:55 - Questions
17:00	17:10 - Closing Remarks from the Chair and end of day 1 17:20 - Sugar & Ethanol Asia Networking Drinks

SESSIONS

DAY 2 MAIN CONFERENCE - 03/12/2021

Sugar & Ethanol Asia

1-3 December 2021
Sheraton Grande Sukhumvit Hotel
Bangkok, Thailand

Welcome Coffee

08:30 - 09:00

Opening Remarks from the Chair

09:00 - 09:05

India Focus Panel: 12 billion litres of ethanol needed

09:05 - 10:00

- Sugar industry movements: production, demand, trade and diverting surplus to ethanol production
 - Grains in India: 5 billion litres of ethanol product from excess grain
 - Pushing forward to achieve 20% ethanol-blending by 2025
 - All feedstocks needed: sugar, grains and 2G
 - Expanding ethanol distillation capacity to achieve blending targets
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Question Time

10:00 - 10:15

Networking + Refreshments Break

10:15 - 10:45

Thailand Focus Panel: Sugar, cassava and ethanol production, prices and exports

10:45 - 11:40

- Will Thailand increase its sugar production rate?
 - Thailand's ethanol demand and production expansion
 - Cassava ethanol: Prices and supply of feedstock
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Let's talk about China

11:40 - 12:00

- China's ethanol imports set to increase
 - Will China offtake US ethanol?
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Pakistan: what will 2022 global exports look like

12:00 - 12:20

- Pakistan prices and supply
-

Philippines biofuels roadmap

12:20 - 12:40

- Blending requirements and feedstock availability
- Meeting E10 mandated volumes
- Imports needed to meet fuel ethanol mandates
- Investments for additional production capabilities

Questions

12:40 - 13:00

Closing Remarks from the Chair

13:00 - 13:05

Lunch

13:05 - 14:30

End of Conference

14:30 - 14:35

SCHEDULE

DAY 2 MAIN CONFERENCE - 03/12/2021

Sugar & Ethanol Asia

1-3 December 2021
Sheraton Grande Sukhumvit Hotel
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TIME	
08:00	08:30 - Welcome Coffee
09:00	09:00 - Opening Remarks from the Chair 09:05 - India Focus Panel: 12 billion litres of ethanol needed
10:00	10:00 - Question Time 10:15 - Networking + Refreshments Break 10:45 - Thailand Focus Panel: Sugar, cassava and ethanol production, prices and exports
11:00	11:40 - Let's talk about China
12:00	12:00 - Pakistan: what will 2022 global exports look like 12:20 - Philippines biofuels roadmap 12:40 - Questions
13:00	13:00 - Closing Remarks from the Chair 13:05 - Lunch
14:00	14:30 - End of Conference