

GLOBAL BI>FUELS SUMMIT

22-23 Oct 2019 | Singapore

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Centre for
Management
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into our 36th year

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Day One - 22 Oct 2019, Tuesday

- 08:00 Registration
- 09:00 Chairman's Introduction
Paolo Corvo, Head of Sales & Marketing
Business Line Biofuels & Derivatives
Clariant
- 09:10 **Global Economic Outlook in 2020 & Beyond**
• Impact of US-China trade war & Iran-US crisis on global economies
• Is India showing signs of slowdown?
• ASEAN economic performance going forward
• Currency forecast
Jeff Ng, Managing Director
Chief Economist Asia
Continuum Economics
- 09:40 **Neste's Sustainable Production Focusing on Circular Economy**
• Updates on Neste's current production & expansion
• Neste's effort in ensuring sustainability through the increasing use of waste & residues
Adrian Suharto, Head of Sustainability Asia
Neste
- 10:10 Discussion followed by Coffee
- 10:40 **The Rise of Marine Biofuels: The Solution in the Next Decade for Marine Decarbonization?**
• Growth drivers behind this market
• Industry leading cases
• Prospects for Asia
Bart Hellings, Head of Innovations
Goodfuels
- 11:10 **Biofuels for Maritime Shipping Sector: End-User's Perspective**
• Potentials of biofuels as a long term fuel solution
• Main barriers to the deployment of marine biofuels

• Technical assessment of biofuels for marine engines
• Ensuring a sustainable supply chain from field to ship
• Future plans & expectations
Prashanth Athipar, Principal Technical Maritime, Supply Chain Excellence
BHP Billiton Marketing Asia
- 11:40 **EV vs. Biofuels: Which is More Sustainable? - An OEM's Perspective**
• Are biofuels equal substitutes to EV?
• Challenges to adapt biofuels - availability, infrastructure & dual fuel technology, via-a-vis EV
• Current status & future of biofuels
• Value chain & sustainability
Manasi Mone, DGM, Head - Fuel & Exhaust systems (Indoor Testing)
Tata Motors
- 12:10 **Waste to Wealth- Turning UCO into Biofuels: A Case Study of Singapore**
Allan Lim, CEO
Alpha Biofuels
- 12:40 Discussion followed by Networking Lunch
- 13:40 Afternoon Chairman's Introduction
Adrian Suharto, Head of Sustainability Asia
Neste
- 13:50 **Biofuel Outlook in Malaysia & Indonesia**
• Implications of EU Ban on Palm Oil Markets
• Regulations & mandates
• Country requirement for sustainability
• Market prospects for advanced biofuels
• Renewable biomass supply
Hu Qing, Lead Analyst
Drewry Maritime Services (ASIA)
- 14:20 **Converting CPO into Green Fuel: Indonesia's Context**
• Demand and supply for biofuels
• Refined Bleached Deodorized Palm Oil (RBDPO): What are the processing challenges?
• Project updates and future plans
Agnes Wahyuana, Process Engineer
PT Pertamina (Persero)
- 14:50 **From Feedstock to Advanced Biofuels: Decarbonizing Transportation through Commercially-ready Technologies**
• Global environment issues
• Key market challenges, solutions & technology innovations
• Opportunities: How can South East Asia tap into the growing advanced biofuels market?
• On-going commercial plant projects and partnership with Exxon & Genomatica
Paolo Corvo, Head of Sales & Marketing
Business Line Biofuels & Derivatives
Clariant
- 15:20 Discussion followed by Tea
- 15:50 **Emerging Technologies in Converting Biomass into Biofuel**
• Comparing hydrotreatment, pyrolysis, gasification, etc.
• Cost of investments & implementation challenges in Asia
• Future opportunities
Runeel Daliah, Analyst
Lux Research - APAC
- 16:20 **Advanced Bio-Refineries: Success Stories & Lessons Learned**
• Innovations in converting vegetable oil/ animal fats/UCO/non-food crops into biofuels
• KSF & Lessons learned: World-class commercial production plants in USA, Canada and India
• Upcoming projects/partnerships
• Future growth prospects & key markets
Dharmesh Mahajan, Business Development Leader (Asia & Africa), Renewable Energy & Chemicals
Honeywell UOP
- 16:50 **PANEL DISCUSSION: Sustainable Feedstock Supply to Meet Growing Biofuel Demand**
• Types of feedstock available; palm oil waste, algae, UCO, animal fat, municipal solid waste
• Strategies for material sourcing at competitive prices
Moderator:
Runeel Daliah, Analyst
Lux Research - APAC

Panellists:
Adrian Suharto, Head of Sustainability Asia
Neste
Milind Patke, Executive Director (Biofuels)
Bharat Petroleum
Kenny Sim
Vegetable Oil Trading Head (APAC)
Eni Trading & Shipping S.p.A
Allan Lim, CEO
Alpha Biofuels
- 17:20 End of Day One

17:30 - 18:30
NETWORKING COCKTAIL RECEPTION
for ALL Speakers & Participants

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Day Two - 23 Oct 2019, Wednesday

09:00 Chairman's Introduction
Dharmesh Mahajan, Business Development Leader (Asia & Africa), Renewable Energy & Chemicals
Honeywell UOP

09:10 **Establishing A Roadmap for Advanced Biofuels in India**

- Government policies
- Assessing upcoming biofuel plant projects & production capacity
- Access to funding
- Role of technology
- Byproducts & challenges

 Milind Patke, Executive Director (Biofuels)
Bharat Petroleum

09:40 **UCO in China: Market Potential, Current Collection Context & Sustainability**

- Supply demand outlook
- Infrastructure availability for waste collection: Challenges, lessons learned & opportunities
- Traceability challenges & digitalization of data
- Future plans & expectations

 Shutong Liu, CEO
MotionECO

10:10 **Biofuel Applications in Heavy Duty Vehicles**

- Challenges & opportunities
- Technical preparation to shift towards higher blend of biodiesel
- Future expectations

 David Lantz, Sustainability Manager - SEA
Scania

10:40 Discussion followed by Coffee

11:10 **Catalysing Cellulosic Ethanol Production for Sustainable Supply of Liquid Fuel**

- Chinese government initiatives, program & subsidies to implement the EIO mandate by 2020
- Implementation route map for fuel ethanol
- Effective & cost - efficient manufacturing through innovative enzyme technologies
- Challenges & expectations

 Xiaofeng Ye, Director, Biorefining - APAC
Novozymes (China) Investment

11:40 **Sustainable Aviation Fuels: How Global Markets Could Evolve?**
 Siegfried Knecht, Chairman of the Executive Board / VP, Director R&T
Aviation Initiative for Renewable Energy / Airbus

12:10 Final Discussion followed by Closing Lunch

13:10 End of Conference

You will Network with

CEOs, MDs, VP, Directors, Heads of New Energies, Fuels, Business Development, Sustainable Aviation, Marketing, Downstream, Commercial Development, Environmental Affairs, Fuel Procurement, R&D, Marine Fuel, Biojet Fuel, Bioenergy, Renewable Products, Biofuel, Bioethanol, Biodiesel | Oil Refiners | Waste-Based Bio-Refiners | HVO Producers & Technology Providers | Shipping Companies | Feedstock Suppliers (Palm Oil, UCO, corn, sugar, biomass waste, etc) | Traders & Brokers | Marine Operators | Airlines | Oil & Gas | Consultants, Certification & Biofuel service providers | EPC Companies | Enzyme Technology Providers | Biofuel Processors & Technology Providers, etc

Optional Site Visit - 23 Oct 2019

Fully Booked!

Neste Singapore "Producer of World's Cleanest Renewable Diesel" Separately Bookable



Neste is the world's largest producer of renewable diesel refined from waste and residues, introducing renewable solutions also to the aviation and plastics industries. Singapore refinery was launched in 2010, and it produces exclusively renewable products.

The production capacity of the refinery is 1.2 million tons per year. At the moment, Neste is expanding its production capacity in Singapore by up to 1.3 million tons per annum, bringing the total renewable product capacity close to 4.5 million tons annually in 2022.

Itinerary

13:15 Depart from hotel
 14:15 Introduction & Presentation by Site Director
 14:45 Q & A
 15:00 Control Room Tour
 15:30 Leave from Tuas back to hotel
 16:15 Arrival at hotel

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Per Person Fee for Conference:	(USD)
Regular Fee for 1	1495.00
Group Fee for 3 or more	1195.00
Optional Activity (Per Person)	(USD)
Site Visit to Neste Singapore on 23 Oct	100.00

Program details published herein are confirmed as at 21/10/2019. Please visit <http://www.cmtevents.com/main.aspx?ev=191022> for latest information on speakers & topics.