With the transition to a net-zero economy, as well as an intensifying pressure from regulators and consumers to reduce & replace the use of petroleum-based chemicals and products, the search for new sources of raw materials to replace or incorporate into existing system is revealing a number of greener alternatives.

Companies are exploring innovative technologies to increase the availability of sustainable feedstocks, including carbon capture & utilization, biomass, HVO, sugarcane, beet, corn, industrial hemp, closing the loop by using plastic waste stream, & many more!

Toyota Tsusho, Mitsui Chemicals and Neste collaborate to start Japan's first production of renewable plastics from 100% bio-based hydrocarbons.
~ www.toyota-tsusho.com, 20/5/21

Braskem Partners with University for Sustainable Plastic Production Using CO2 Capture and Use.
~ www.ptonline.com, 16/12/20

Dow and Mura Technology Announce Partnership to Scale Game-Changing New Advanced Recycling Solution for Plastics.
~ www.waste360.com, 3/5/21

The shift to alternative and sustainable feedstock must take into account a number of factors, including the global value chain for developing new feedstock, new chemical transformation route, and processing technologies, as well as approach for reducing the amount of materials used.

Chemical companies like SABIC, Dow and INEOS are using Bio-based naphtha to blend in their petrochemical crackers as raw material for the manufacture of chemical/monomer intermediates. The mass balance approach is a tool to increase the share of renewable content used as a feedstock, & it is a valuable way to make biobased feedstocks more accessible.

Join us and our expert speakers at CMT's **Sustainable Feedstocks for the future of Chemicals & Plastics** on **29 July** at **14:30 CEST (GMT +2)**. They will share insights on the various sustainable feedstocks technology innovations, sourcing model, progress & commercialization plans.

Email grace@cmtsp.com.sg if you require more information and/or wish to register.

Virtual Networking Interactions

Live Q&A with Speakers

More info on webinar

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Centre for Management Technology®
into our 38th year

Sustainable Feedstock for the future of CHEMICALS & PLASTICS

29 JULY 2021, 14:30 CEST (GMT+2)

29 JULY 2021, THURSDAY

13:30 Pre-Event Networking
(Participants are strongly encouraged to Log on to get acquainted with CMT MEET Platform)

14:30 Welcome Remarks & Moderator's Introduction
Dr. Holger Rubel, Senior Partner and Managing Director
The Boston Consulting Group

14:35 **RENEWABLE AND RECYCLED FEEDSTOCK ALTERNATIVES FROM BIO-BASED WASTE AND RESIDUE OILS**
Dr. Lars Boerger, Vice President Renewable Polymers & Chemicals
Neste Renewable Fuels Oy

14:50 Live Q&A session

14:55 **USE OF CIRCULAR FEEDSTOCK & THE MASS BALANCE APPROACH**
Dr. Christian Krueger, Corporate Sustainability - Circular Economy
BASF SE

15:10 Live Q&A session

15:15 **SUSTAINABLE DROP-IN CHEMICALS FROM BIOMASS AND PLASTICS, FROM LAB TO INDUSTRIAL SCALE**
Read topic abstract here
Dr. Ton Vries, Managing Director
BioBTX

15:30 Live Q&A session

15:35 **TRANSFORMING PLASTIC WASTE INTO SUSTAINABLE FEEDSTOCKS FOR CIRCULAR POLYMER PRODUCTION**
- Plastic waste collection & transformation to sustainable feedstocks
- Update on chemical recycling technology & project updates

Dr. Steve Mahon, CEO
Mura Technology Limited

15:50 Live Q&A session

15:55 Networking Break
(20 minutes Virtual Interaction at CMT Connect & Networking Lounge)

16:15 **CARBON CAPTURE & CONVERSION TO ETHYLENE/PE**
Alvin Ang, Specialist - Market Intelligence & Business Development
Braskem

16:30 Live Q&A session

16:35 **TRANSFORMING WASTE CO2 TO POLYOLS/PU**
- Opportunities for CCU, Technology innovation and commercialization potential/plan

Dr. Daniel Stewart, CEO
ViridiCO2 Ltd

16:50 Live Q&A session

16:55 **DEVELOPMENT OF RENEWABLE ACRYLONITRILE FROM SUGAR & GLYCEROL**
- New sourcing model
- Technology innovation
- Progress and commercialization plan

Dr. Corey Tyree, President & CEO
Trillium Renewable Chemicals

17:15 Live Q&A Session

17:20 **POTENTIAL OF INDUSTRIAL HEMP AS A BIOPLASTIC FEEDSTOCK**
- Feedstock supply, technology innovations and end-of-life option for hemp bioplastics

Glen Kayll, CEO
The Hemp Plastic Company

17:35 Live Q&A Session

17:40 Final Discussion & Closing Remarks; End of Watch Live