

The European Union (EU) targets to achieve climate neutrality by 2050. The pursuit of a net-zero greenhouse gas (GHG) economy is central to the European Green Deal and is consistent with the EU's commitment to global climate action under the Paris Agreement.

Leading chemical companies have set ambitious net zero targets to align their business models with the goals of the Paris Agreement, and have taken steps to reduce their own carbon footprint while encouraging low-carbon technology innovation. These initiatives range from electrifying steam crackers to carbon capture and storage/utilisation (CCS/CCU) and circular economy projects.

BASF, SABIC and Linde join forces to realize the world's first electrically heated steam cracker furnace Chemical giant BASF buys into offshore wind for net-zero production ~ 28/6/21, www.IHSmarkit.com

Solugen raises \$357 million to decarbonize chemicals ~ 12/9/21, www.impactalpha.com

For the chemicals industry to transition to a low-emissions future, innovative technologies & fundings among others are necessary to achieve their ambitious decarbonization goal.

In July 2021, EU proposed a series of carbon pricing reforms as part of its 'Fit for 55 Package'. The focus of the reforms is on tighter emissions caps, expanded Emissions Trading System (ETS) coverage, and a new Carbon Border Adjustment Mechanism (CBAM). What is the impact of the reforms on the chemicals industry and global export markets?

Join us and our panel of experts at CMT's **Decarbonizing the Chemicals Industry** virtual conference on **27 October 2021 at 14:00 CEST (GMT +2) / 08:00 EDT (GMT -4)**. The panel will walk you through regulatory updates, technology innovations to meet net-zero emission targets, carbon strategies and many more! Do register early and take advantage of the early bird discount.

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

More info on webinar

<https://www.cmtevents.com/aboutevent.aspx?ev=WEB211049&>

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Management
Technology®
into our 38th year

DECARBONIZING THE CHEMICALS INDUSTRY

27 OCT 2021, 14:00 CEST (GMT +2) / 08:00 EDT (GMT -4)

27 OCTOBER 2021, WEDNESDAY

13:00 Pre-Networking

14:00 CMT's Welcome & Moderator's Introduction
Dr. Michael Holman, VP of Research
Lux Research Inc.

14:05 **THE EUROPEAN GREEN DEAL AND ITS STRATEGY TOWARDS A ZERO POLLUTION AMBITION FOR A TOXIC-FREE ENVIRONMENT**

- The Chemicals Strategy for Sustainability
- The EU regulatory agenda on chemicals and its consequences for the chemicals industry
- Innovation for safe & sustainable chemicals

Elena Montani, Policy coordinator for the Chemicals Strategy for Sustainability, DG - Environment
European Commission

14:30 **EU ETS REFORM & THE IMPACT ON CHEMICALS INDUSTRY**

- Free allocation phase-out & CO2 border adjustment tariff - how will it affect the chemicals industry?
- Carbon pricing moving forward

Nicolas Girod, Managing Director Markets
ClearBlue Markets

14:55 **TRANSITIONING TOWARDS A CIRCULAR ECONOMY WITH ADVANCED RECYCLING TECHNOLOGIES**

Sofie Vergucht, Strategic Initiatives Manager
Circular Economy EMEA
Eastman Chemical

15:20 **CLOSING THE LOOP WITH NEXT GENERATION BIOREFINERY**

- Technology innovations to sustainably convert 100 % wood into biobased MEG, MPG & Renewable functional fillers (RFF)
- Opportunities and challenges of renewable carbon and bio-based chemicals with respect to green circular economy

• Biorefinery update
Dr. Okko Ringena, Senior Manager Sustainability
UPM Biochemicals

15:45 Networking Break
(20 mins. Participants are invited to visit CMT Connect and Networking Rooms)

16:05 **MOVING TOWARDS CARBON-FREE FUTURE WITH GREEN HYDROGEN**

- Technology innovations, partnerships & economics
- Dr. Thomas Cotter, Business Development Manager,
Clariant Catalysis
Clariant

16:30 **RECARBONIZING THE CHEMICAL INDUSTRY THROUGH INDUSTRIAL ELECTRIFICATION**

- How the energy transition will enable a circular chemical industry in 2050
- Martijn de Graaff, Program Director Industrial Electrification
Voltachem / TNO

16:55 **GAS FERMENTATION TECHNOLOGY FOR CARBON-NEGATIVE CHEMICAL PRODUCTION**

Dr. Eric Liew, Senior Scientist - Synthetic Biology
LanzaTech

17:20 **MOVING FROM LINEAR TO CIRCULAR: COVESTRO'S STRATEGY TO BECOME A FOSSIL-FREE PLASTIC PRODUCER**

Tara Nitz, Global Positioning and Advocacy Circular Economy
Covestro Deutschland

17:45 Final Discussion & Virtual Networking Continues
CMT Meet will continue to remain open for the next 24 hours to allow participants to enjoy extended networking time.



Virtual Networking
Interactions



Live Q&A with
Speakers