



TNCHE Asia 2023 Conference
" Decarbonization of Process Industry and
Next-Generation Materials for Sustainability "
Presenter Bio Data & Abstract



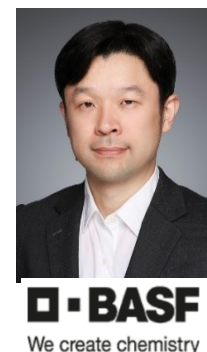
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Organization : BASF

Current Position : Country Development

Title of Presentation : Role of the Chemical Industry in Driving
 Decarbonization and Fostering Global Standard for PCFs

Presentation Abstract :



We acknowledge that climate change is the greatest challenge of the 21st century. The chemical industry with BASF as a thought and action leader is part of the solution and a key enabler in the net zero transformation of base chemicals and downstream value chains. BASF has been investing in and developing innovation and technologies to optimize production processes (i.e. Grey to Green power, Power to Heat, CO₂-free technology, and more) which further helps to improve the product portfolio to be more sustainable. Besides its own improvement, the chemical industry is also required to support national governments to achieve Net Zero targets and develop/ implement legislation and standardization based on science and technology development.

The recent development of the chemical industry on decarbonization is the work of BASF together with >37 leading chemical companies globally, under the "Together for Sustainability" (TfS) initiative, which have agreed on a global guideline for calculating product carbon footprints (PCFs) which harmonizes PCF calculation approaches across the industry and applies to the vast majority of chemical products. This will allow companies in several industries using chemicals and the wider market to directly compare and assess the climate impact of products and accelerate the transformation toward net zero, also reflected in lower product carbon footprints.

As much as the challenge of climate change is a globally recognized one, also the solutions that we all work on require scientific discussions and collaboration among companies, associations, policymakers and consumers. Ultimately, the transformation has to go hand in hand with a business environment that enables and supports this joint endeavor of climate protection. BASF will share its findings, innovations, approaches, and call for collaboration in this session.