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Abstract for presentation on The Transition Pathway for the Chemical Industry
The Renewable Materials Conference 2023, Siegsburg

Speaker: Algreit Dume

Title: The Transition Pathway for the Chemical Industry

Abstract:

The updated 2021 EU industrial strategy¹ highlights the need to accelerate the green and the digital transition as well as increase resilience of EU industry. To this end, the European Commission proposed to co-create a series of Transition Pathways with EU Member States, industry, social partners and other stakeholders. These pathways identify the actions to be implemented by each stakeholder to achieve the twin transition within an agreed timeline.

In January 2023, the European Commission published the Transition Pathway for the Chemical Industry². The Pathway provides a list of about 190 actions, grouped under 26 topics, to be implemented by different stakeholders (industry, EU and national policymakers, etc.) to achieve the twin transition and increased resilience of the Chemical Industry.

In this presentation, the European Commission will provide an overview of the Transition Pathway and will outline the co-implementation process of the actions needed for the twin transition of the chemical industry. Specifically, the Commission will:

- Explain how the Transition Pathway has been co-created with stakeholders
- Describe the outcome of the co-creation process that is a roadmap including:
 - a) an action-oriented component focusing on actions needed to foster collaboration for innovation, increase clean energy supply and feedstock diversification in the chemical industry;
 - b) a technology component, covering the key technological contributors to the transition pathway, such as electrification, hydrogen, biomass, waste, carbon capture and utilisation and carbon capture and storage.
 - c) a regulatory component, collecting existing legislation and relevant research and innovation initiatives influencing the twin transition of the chemical industry.

¹ https://ec.europa.eu/commission/presscorner/detail/en/ip_21_1884

² https://single-market-economy.ec.europa.eu/sectors/chemicals/transition-pathway_en

- Describe the co-implementation process, which includes a call for pledges towards the actions identified in the Transition Pathway, as well as the development of Key Performance Indicators to monitor the progress towards the twin transition.