



The Nexus Chemistry – Climate Change: Understanding Trends, Risk and Opportunities

Session 4: Practical Solutions for tackling climate change: learning experiences and good practices from the chemical industry

Date: Wednesday, December 1st, 2021

Time: 12:30 - 14:00 (CEST)

Platform: Virtual Event – MS Teams

Moderator: Dr. Reinhard Joas, CS3

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CONTEXT: Climate change is one of the most pressing challenges of our time, the Intergovernmental Panel on Climate Change (IPCC) states that without additional efforts to reduce greenhouse gas emissions, global warming is likely to exceed 2°C by the end of the 21st century. For this reason, long-term commitment and ambitious action is required by practically all sectors of the economy, including the chemical sector. The transformation of the chemical industry and related value chains with a focus on sustainable, low-emission processes and products is a huge challenge for a future-oriented transformation of the whole sector towards a “sustainable chemistry”.

OBJECTIVE: To share examples and best practices for climate protection considering the value chain of chemicals with special regards to circular economy and increased energy and resource efficiency.

Agenda

Time		Speaker
12:30	Welcome & Introduction	Yagishita Masamichi , Showa Denko Chair Energy & Climate Change Leadership Group of ICCA
12:35	Practical solutions for tackling climate change: Success stories and main characteristics	Aiko Sakurai Mitsubishi Chemical Corporation, ICCA
12:50	Practical solutions / Examples and learning experiences from UNIDO's support programmes for small and medium enterprises	Petra Schwager Luis Umansor UNIDO
13:10	First round of questions and comments	
13:20	Reduction of greenhouse gases in nitric acid production: A cost-efficient and replicable solution.	Malte Plewa Emilio Martin The Nitric Acid Climate Action Group - NACAG
13:35	Second round of questions and comments	Dr. Reinhard Joas
13:55	Closing remarks	Dr. Detlef Schreiber , <i>Head CAPCI, Deutsche Gesellschaft für Internationale Zusammenarbeit - GIZ</i>