

These side-event is organized by the ICCA - International Council of Chemicals Associations

Description of the Event

The International Council of Chemical Associations with member around the world, including Asia Pacific region, has developed a selection of exemplary solutions from the global chemical industry to support the transformation toward a low-carbon society. Five main sectors were identified in which low-carbon transformations can be achieved: Power generation and storage, Mobility and transport, nutrition, and agriculture, Building and housing and Industry and production. From an initial 1,000 solutions, a shortlist was created based on expert feedback regarding time to market, market penetration, potential impact on carbon emissions and technological feasibility. Specific workshops were held in Tokyo, Berlin, São Paulo and Pittsburgh. The result was a selection of 17 concise solutions. Some of them coming from Asia Pacific region. Those 17 solutions have a carbon mitigation potential of 5 to 10 GtCO₂eq/year by 2050. The main conclusion was that, although climate change is a global problem, there is no one-size-fits-all solution for every region in the world. Differences in economic systems, geographical circumstances, infrastructures, market needs and the level of societal and political acceptance—even among adjacent countries and economies—make it necessary for tailored development trajectories to be designed. Not only must these trajectories include factors such as technological feasibility but also environmental, societal, and financial options, and be compatible with the 2030 Sustainable Development Goals.

Agenda

- Introduction & objectives** 10:00h
 Toru Yamamoto, ShowaDenko – Master of Ceremonies
 Masamichi Yagishita, ShowaDenko, Chair ICCA E&CC Leadership Group
 Ignacio Hernandez-Bonnett, Shell, Global Policy Manager for Chemicals
 and Manufacturing, Vice-Chair ICCA E&CC Leadership Group
- Solutions from the global chemical industry to support the transformation toward a low-carbon society** 10:10h
 Frank Sprenger, FORS, CEO
 Jorge Soto, Braskem, Sustainable Development Director
- Policies that could support the scale-up of innovative solutions by the chemical industries** 10:30h
 Tara Nitz, Covestro, Global Positioning and Advocacy Circular Economy
- Discussion and Q&A** 10:45h
 Facilitate by Toru Yamamoto with participation of Masamichi Yagishita,
 Ignacio Hernandez-Bonnett, Frank Sprenger, Jorge Soto, Tara Nitz & audience
- Closure** 10:55h
 Toru Yamamoto, Master of Ceremonies

Link for joining:

<https://sdk-mtg2.webex.com/sdk-mtg2/j.php?MTID=mda2ea86105b80c52fc838a5990a42e02>