

Net-Zero pathways for Industry Sectors:

Science based targets and Sectoral climate clubs to trigger industrial transformation

A joint UNFCCC Side Event by Wuppertal Institut, University of Technology Sydney, Ecologic Institute, Climate Analytics and WISE Europa

Date: Thursday, 10 November 2022 - 15:00—16:30

Location: [Side Event room Tutmose COP27 Conference Venue](#)

Streaming on YouTube: <https://www.youtube.com/c/unfcccint>

Achieving climate neutrality globally requires policies and private sector action that deliberately create transformational change – in and across sectors. The finance industry as well as real economy sectors are increasingly committed to set sector specific targets and set key performance indicators (KPIs) to meet those targets. Basic materials processing industries in particular face the challenge of having to change to reduce their significant emissions, while confronting a highly competitive environment.

This first part of this event provides insights from the One Earth Climate Model developed [by the University of Technology Sydney](#). It provides insights on appropriate sectoral target setting developed in close cooperation with the Net-Zero Asset Owner Alliance (NZAOA) and the United National Principles Responsible Investments (UN PRI).

The second part of the side event discusses how an intergovernmental industry sectoral alliance or sectoral climate club could potentially help overcome the challenges by basic materials processing industries and what would be its main strategies. It brings together insights from analysis being done by the organising partners and particularly the EU-funded research projects [NDC Aspects](#) and [4i-TRACTION](#) as well as the project SCI4climate.NRW – and connects it to perspectives by practitioners from different continents.

Agenda

	Time	Agenda item
1	15:00	Welcome and Introduction Moderator: Stefan Lechtenböhmer
2	15:10	Key concepts <ul style="list-style-type: none">• Science based targets for industries: Sven Teske, University of Technology, Sydney – Institute for Sustainable Futures – The One Earth Climate Model• Transformative change: how to integrate in sectoral alliances? Andrzej Ancygier, Climate Analytics - for 4i-TRACTION• Sectoral climate clubs as a mode of international industrial cooperation? Stefan Lechtenböhmer, Wuppertal Institute – for NDC Aspects and SCI4climate.NRW
3	15:40	Discussion <ul style="list-style-type: none">• Malte Bornkamm Federal Republic of Germany, Ministry for Economy and Climate• Dr. Nicola Kimm CSO HeidelbergMaterials Group (tbc)• Sanjiv Paul TATA Steel (tbc)• Asa Ekdahl World Steel Association• Duke Benjamin Head, GIZ Nigeria energy and climate programme (tbc)
4	16:25	Wrap-up