

Workshop on supplementary indicators towards climate targets

7th July 2023, 9.00 am – 4.00 pm

DIW Berlin, Ostrom room, 1st floor

Mohrenstraße 58, 10117 Berlin

Pre-workshop dinner: 6th July, 8.00 pm. Location: Café Nö, Glinkastr. 23, 10117 Berlin

Background to the workshop

In the lead up to COP28, particularly with the global stock take underway, it becomes important to consider additional indicators and targets toward the achievement of an inclusive transition to climate neutrality. We would like to discuss, if this could deliver a set of benefits:

First, many climate targets only monitor broad sectoral level emission reductions. They focus on the political discussions on the efforts or burden required for emission reductions, rather than on the opportunities, for example of modernization of industry with circularity and clean processes to enhance resilience and job security, improved housing with insulation and modern heating systems, or attractive transport and urban developments with a shift to electric mobility and public transport.

Second, emission targets may not provide sufficient information to policy makers and societies about progress in the green transition because not all sensible climate policy measures reduce emissions directly. For example, to create the conditions for significant emission reductions through renewable energy, infrastructure like transmission lines need to be expanded and storage capacity and load-shifting capacity is required.

Third, measures that reduce emissions in the short term might not be fully compatible with climate neutrality. In the building sector, simple renovations reduce greenhouse gas emissions in the short term, but more extensive renovations are necessary later on. Thus, this short-term measure is not optimal in the medium term.

Building on recent work by [DIW Berlin](#), [Ecologic](#), and [Client Earth](#), practices established by the [UK Climate Change Committee](#), and global tracking such as the IEA [Tracking Clean Energy Progress](#) reports, and as part of the International Climate Initiative (IKI) project “Strengthen national climate policy implementation” (SNAPFI) we want to explore the idea of supplementary indicators to climate targets. How would they be formulated to be effective and attractive to support an inclusive and just transition to climate neutrality in different countries?

Participation

Confirmed

First name	Last name	Institution
Ahmet	Acar	SHURA Energy Transition Center
Alexander	Fischer	ClimateWorks
Andreas	Rüdinger	Institut du Développement Durable et des Relations Internationales
Annelise	Vendramini	Fundação Getulio Vargas
Ashwini	Hingne	World Resources Institute
Bipashyee	Ghosh	Sussex Uni, UCL
Charlotte	Streck	Climate Focus
Chiara	di Mambro	ECCO
Diana	Urge-Vorsatz	Central European University
Djoko	Suroso	Institut Teknologi Bandung
German	Bersalli	RIFS - Potsdam
Gireesh	Shrimali	University of Oxford
Giulia	Colafrancesco	ECCO
Jakob	Peter	Expertenrat Klima
Johan	Lilliestam	RIFS - Potsdam
Jonas	Meckling	Berkeley University
Julie-Anne	Hogbin	Climate Strategies
Manish	Kumar Shrivastava	The Energy and Resources Institute
Martijn	Verdonk	RVO
Mike	Levington	PIE
Nathalia	Paes Leme	E+ Energy Transition Institute
Rosana	Santos	E+ Energy Transition Institute
Sebastian	Oberthür	Vrije Universiteit Brussel
Sonja	Klinsky	Arizona State University
Stefania	Relva	E+ Energy Transition Institute
Thomas	Heimer	Hochschule RheinMain
Tim	Lancaster	Cloud at Digital Space
Ümit	Şahin	Istanbul Policy Center
Weng	Yuyan	Tsinghua University
Xiliang	Zhang	Tsinghua University
Xing	Fu-Bertaux	European Climate
Yong	Gun	Korea Environment Institute

Workshop Agenda

For online participants, please join using Zoom:

<https://tu-berlin.zoom.us/j/64407698033?pwd=c2NvbGprODhNa2N0dXdHMTJFSzhUUT09>

9:00 – 9:30	Welcome coffee	
9:30 – 9:40	Start	Quick round of introductions
9:40 – 10:00	Session 1	The question: why go beyond the existing emissions targets? Speakers: Karsten Neuhoff Jesse Scott
10:00 – 11:00	Session 2a	Experiences: examples of and reflections about additional indicators and targets towards climate neutrality Speakers: Synergies & trade-offs across SDGs (Bipashyee Ghosh) Targets for managing and implementing transformation in China (Xiliang Zhang) Targets for managing Dutch Energy transition (Martijn Verdonk)
<i>In this session we will discuss at the example of illustrative metrics and targets:</i> • <i>What is the institutional design?</i> • <i>What were success factors and challenges for implementation?</i> • <i>Can efficiency and sufficiency objectives be included?</i> • <i>Is Useful for engagement with broader society (acceptance of change)?</i> • <i>What are gaps not covered with such indicators?</i>		
11:00 – 11:30	Coffee Break	
11:30 – 12:30	Session 2b	Experiences: examples of and reflections about additional indicators and targets towards climate neutrality Speakers: Experience with indicators and targets for governance in Indonesia (Djoko Suroso) Insights from Korean experience (Yong Gun) Role of targets in Brazilian Energy Transition (Stefania Relva)

Discussion from 2a continued

12:30 – 13:30 Lunch break

13:30 – 14:30 Session 3 Challenges to consider: consequences and unintended consequences

Comments: Key transformations (Sebastian Oberthür)
Insights from Turkish experience (Ümit Sahin)
Targets as management instrument (Tim Lancaster)
Experience and insights from use of transformational
metrics and targets in transition plans (Gireesh Shrimali)

Building on the examples from session 2 and on further experiences, we will discuss what additional consequences and unintended consequences may result from the broadening of climate policy governance towards the use of metrics and targets beyond emissions, for example:

- Can they enhance acceptance of climate action (by linkages to modernization etc.) or trigger opposition (by explicit formulation of live style changes)?
- How can such additional targets facilitate or hinder effective governance – in terms of finding political agreement and effective implementation of actions?
- To what extent will they be substituting or complementing emission targets?

14:30 - 14:45 Coffee Break

14:45 – 16:00 Session 4 Next steps: what insights can we take from today?

Rapporteurs Climate policy (Manish Kumar Shrivastava)

Rapporteurs will first explore to what extent the discussion and insights of the day is relevant to their specific domain of climate action. This will inform a discussion on whether synergies across the different applications could allow for a shared approach and set of metrics and indicators (including linkages to SDG metrics).

We will then reserve some time to reflect on the interest of workshop participants about possible next steps and linkage to other initiatives for a further use of supplementary indicators towards climate targets.