

Climate Recon 2050:

Dialogues on Pathways and Policy

TD3

February 27, 2019

Third meeting of the Technical Dialogue (TD3)

February 27th, 2019 – 9:30 to 17:00 – Copenhagen

Venue: EEA, Copenhagen

CONTEXT: This is the third (and for the moment final) meeting of the Technical Dialogue (TD) under the Climate Recon 2050 project. The TD is meant to bring together scenario builders and modellers involved in the process of modelling long-term climate strategies. The TD's purpose is to act as a forum for exchange on experiences gained and lessons learnt - to foster an intra-European dialogue on the core issues of 2050 decarbonisation strategies.

The key topics to be addressed in this TD session:

- Including **distributive effects** and **financial perspective** in long-term strategies modelling
- **Sufficiency, behavioural change** and **social transition** in modelling
- Reaching “**net-zero**” emissions, concept and key issues

The TD takes place as the previous times also in connection with the Policymaker Platform (PMP) for which the participation is only by invitation.

We invite PMP participants to join the Technical Dialogue, and in particular to consider joining the **afternoon session on NET ZERO**.

We invite participants of both days to join for **dinner** on 27th of February – venue to be decided.

Supported by:



based on a decision of the German Bundestag



STIFTUNG
MERCATOR

Project partners:



ENERGIACLUB
CLIMATE POLICY INSTITUTE
APPLIED COMMUNICATIONS



Technical
University of
Denmark



This project is part of the European Climate Initiative (EUKI) of the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU).

Climate Recon 2050:

Dialogues on Pathways and Policy

TD3

February 27, 2019

AGENDA

09:00	Arrival: registration and coffee
09:30	Welcome and introductions - to each other and the project <ul style="list-style-type: none">• <i>Yves Marignac, Association négaWatt (for Climate Recon 2050)</i>• <i>Stefan Petrovic, DTU Copenhagen</i>
09:45	Insights in current state of 2050 modelling in MS <ul style="list-style-type: none">• <i>Scandinavia - Marie Münster (DTU Copenhagen)</i>• <i>Italy - Maria Rosa Virdis (ENEA)</i>• <i>France - Yves Marignac (Association négaWatt)</i> <p>Moderator: Stefan Petrovic, DTU Copenhagen</p>
10:30	Coffee break
11:00	Including distributive effects and financial perspective in long-term strategies modelling <ol style="list-style-type: none">1. From identifying low-emission pathways to assessing who pays how much for what <i>introduction by Maciej Bukowski, WiseEuropa</i>2. Distributive impacts of climate policies <i>Annela Anger-Kraavi, University of Cambridge</i>3. Linking long-term targets with current financial flows <i>Hadrien Hainaut (tbc) Ian Cochran (tbc), I4CE, based on French experience with Climate Finance Landscape methodology</i> <p><i>Joint discussion with participants – focus on modelling experiences, approaches to capturing distributive and financial impacts of decarbonisation, as well as interaction between low-emission transition modelling and the design of policies affecting distributional impacts and financial flows.</i></p> <p>Moderator: Maciej Bukowski, WiseEuropa</p>
12:30	Lunch

AGENDA - continued

13:30	Sufficiency, behavioural change and social transition in modelling <ol style="list-style-type: none">1. What does sufficiency / behavioural change mean and how much can be done? <i>introduction by Edouard Toulouse, ENOUGH (tbc)</i>2. What does modelling sufficiency mean?<ul style="list-style-type: none">➤ <i>How do ambitious scenarios deal with sufficiency and behaviour change</i>➤ <i>How sufficiency can be further included in modelling exercises</i>➤ <i>How to balance the role of sufficiency and other low carbon options</i><i>presentation by Hannah Förster, Öko-Institut (tbc), based on German examples</i>3. How to deal with sufficiency / behavioural change in economic modelling? <p><i>Discussion in the group, based on modelling experiences, about the way the costs, benefits and economic impacts of sufficiency / behavioural change can be described and assessed in modelling exercises.</i></p> <p>Moderator: Yves Marignac, Association négaWatt</p>
15:00	Coffee break
15:30	Reaching “net-zero” emissions, concept and key issues <ol style="list-style-type: none">1. What does net zero means?<ul style="list-style-type: none">⇒ <i>Explanations about the concept (net zero, carbon neutral...)</i>⇒ <i>Domestic emissions vs. carbon footprint</i>⇒ <i>Link to carbon budget (cumulative emissions)</i><i>introduction by Lukas Emele (Öko-Institut) / Yves Marignac (Ass. négaWatt)</i>2. How do national scenarios with (almost) net zero emissions look like?<ul style="list-style-type: none">➤ <i>Communalities and differences of assumptions / options in existing scenarios</i>⇒ <i>95% emission reduction scenario for Germany (Lukas Emele, Öko-Institut)</i>⇒ <i>French net zero scenarios (Yves Marignac, Ass. négaWatt)</i>⇒ <i>Net-negative 2050 analysis for Nordic countries (Stefan Petrovic, DTU)</i><i>joint presentation, followed by a Q&A session with the group</i>3. How to model net zero emission scenarios<ul style="list-style-type: none">➤ <i>Challenges to modelling and methodology to be discussed:</i><ul style="list-style-type: none">⇒ <i>Need for a systemic modelling of all emission sectors</i>⇒ <i>Consistency of a domestic / footprint approach</i>⇒ <i>Link between modelling features and political options (BECCS, DSM...)</i>⇒ <i>Connection of national / regional modelling to global IPCC pathways</i> <p><i>Discussion of these methodological issues & experiences in the group</i></p> <p>Moderator: Lukas Emele (Öko-Institut) and Yves Marignac, Association négaWatt</p>
16:55	Summary and wrap- up of the meeting
17:00	END