

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

09:00	Arrival: registration and coffee
09:30	Welcome and introductions - to each other and the project <ul style="list-style-type: none">• <i>François Dejean, European Environment Agency</i>• <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>France - Yves Marignac (Association négaWatt)</i>• <i>Germany - Lukas Emele (Öko-Institut)</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, Ian Cochran, 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>

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AGENDA - continued

12:30	Lunch
13:30	<p>Sufficiency, behavioural change and social transition in modelling</p> <ol style="list-style-type: none">1. What does sufficiency / behavioural change mean and how much can be done?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>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 Maignac, Association négaWatt</p>
15:00	Coffee break
15:30	<p>Reaching “net-zero” emissions, concept and key issues</p> <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><p><i>introduction by Lukas Emele (Öko-Institut) / Yves Maignac (Ass. négaWatt)</i></p>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 Maignac, Ass. négaWatt)</i>⇒ <i>Net-negative 2050 analysis for Nordic countries (Kenneth Karlsson, DTU)</i><p><i>joint presentation, followed by a Q&A session with the group</i></p>3. How to model net zero emission scenarios<ul style="list-style-type: none">➤ <i>Challenges to modelling and methodology to be discussed:</i>⇒ <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 Maignac, Association négaWatt</p>
16:55	Summary and wrap- up of the meeting
17:00	END