

# Climate Recon 2050:

Dialogues on Pathways and Policy

TD3

February 27, 2019

## Third meeting of the Technical Dialogue (TD3)

February 27<sup>th</sup>, 2019 – 9:30 to 17:00 – Copenhagen

Venue: EEA, Copenhagen

09:00	<b>Arrival: registration and coffee</b>
09:30	<b>Welcome and introductions - to each other and the project</b> <ul style="list-style-type: none"><li>• <i>François Dejean, European Environment Agency</i></li><li>• <i>Yves Marignac, Association négaWatt (for Climate Recon 2050)</i></li><li>• <i>Stefan Petrovic, DTU Copenhagen</i></li></ul>
09:45	<b>Insights in current state of 2050 modelling in MS</b> <ul style="list-style-type: none"><li>• <i>Scandinavia - Marie Münster (DTU Copenhagen)</i></li><li>• <i>France - Yves Marignac (Association négaWatt)</i></li><li>• <i>Germany - Lukas Emele (Öko-Institut)</i></li></ul> <p>Moderator: Stefan Petrovic, DTU Copenhagen</p>
10:30	<b>Coffee break</b>
11:00	<b>Including distributive effects and financial perspective in long-term strategies modelling</b> <ol style="list-style-type: none"><li>1. From identifying low-emission pathways to assessing who pays how much for what <i>introduction by Maciej Bukowski, WiseEuropa</i></li><li>2. Distributive impacts of climate policies <i>Annela Anger-Kraavi, University of Cambridge</i></li><li>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></li></ol> <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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based on a decision of the German Bundestag



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

### AGENDA - continued

12:30	Lunch
13:30	<p><b>Sufficiency, behavioural change and social transition in modelling</b></p> <ol style="list-style-type: none"><li>1. What does sufficiency / behavioural change mean and how much can be done?</li><li>2. What does modelling sufficiency mean?<ul style="list-style-type: none"><li>➤ <i>How do ambitious scenarios deal with sufficiency and behaviour change</i></li><li>➤ <i>How sufficiency can be further included in modelling exercises</i></li><li>➤ <i>How to balance the role of sufficiency and other low carbon options</i></li></ul></li><li>3. How to deal with sufficiency / behavioural change in economic modelling?</li></ol> <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><b>Reaching “net-zero” emissions, concept and key issues</b></p> <ol style="list-style-type: none"><li>1. What does net zero means?<ul style="list-style-type: none"><li>⇒ <i>Explanations about the concept (net zero, carbon neutral...)</i></li><li>⇒ <i>Domestic emissions vs. carbon footprint</i></li><li>⇒ <i>Link to carbon budget (cumulative emissions)</i></li></ul><p><i>introduction by Lukas Emele (Öko-Institut) / Yves Maignac (Ass. négaWatt)</i></p></li><li>2. How do national scenarios with (almost) net zero emissions look like?<ul style="list-style-type: none"><li>➤ <i>Communalities and differences of assumptions / options in existing scenarios</i></li><li>⇒ <i>95% emission reduction scenario for Germany (Lukas Emele, Öko-Institut)</i></li><li>⇒ <i>French net zero scenarios (Yves Maignac, Ass. négaWatt)</i></li><li>⇒ <i>Net-negative 2050 analysis for Nordic countries (Kenneth Karlsson, DTU)</i></li></ul><p><i>joint presentation, followed by a Q&amp;A session with the group</i></p></li><li>3. How to model net zero emission scenarios<ul style="list-style-type: none"><li>➤ <i>Challenges to modelling and methodology to be discussed:</i></li><li>⇒ <i>Need for a systemic modelling of all emission sectors</i></li><li>⇒ <i>Consistency of a domestic / footprint approach</i></li><li>⇒ <i>Link between modelling features and political options (BECCS, DSM...)</i></li><li>⇒ <i>Connection of national / regional modelling to global IPCC pathways</i></li></ul><p><i>Discussion of these methodological issues &amp; experiences in the group</i></p><p>Moderator: Lukas Emele (Öko-Institut) and Yves Maignac, Association négaWatt</p></li></ol>
16:55	Summary and wrap- up of the meeting
17:00	END