

Workshop: Pathways to Sustainable Energy: Project Kick-off and Scenario Scoping

Organizers: UNECE

Target group: Open to all participants; UNECE CSE Bureau; Pathways Project community

Overseen and implemented by the UNECE Committee on Sustainable Energy (CSE), the Pathways project seeks to answer the question how countries can attain sustainable energy in the future. With the key aim to facilitate policy dialogues, the Project combines the expertise of three modelling institutions IIASA, PNNL and Fraunhofer to model a set of distinctive but equally plausible sustainable energy scenarios. Ultimately, the modelling shall provide insights on policy and technology options available to countries to achieve a transformation towards a sustainable energy system while meeting internationally agreed goals, notably the 17 Sustainable Development Goals. The formulation of adaptive policy pathways will help countries to improve responsiveness to changing environments, challenges and objectives, while an early-warning system with “signposts” can alert those countries that are in risk of moving off-track.

Following an kick-off meeting with the modelling institutions in Germany, this workshop initiates the implementation phase of the project with the larger stakeholder group. Attendance from the energy expert community from both private and public sector is envisaged, in particular with attendance from members of UNECE’s Bureau of the Sustainable Energy Committee.

Participants will be briefed about the current setup of the project, the results of the kick-off workshop with the modellers end of May, and the basic storylines underlying the development of the energy scenarios. Building upon these narrative storylines, participants are invited to share their ideas on particular aspects or elements of the energy system which are to be targeted in more detail during the modelling work and will play a crucial role in the policy dialogues over the course of the project timeframe.

Guiding questions:

- *What are the upcoming steps and phases to implement the Pathways Project?*
- *How to ensure maximum stakeholder engagement over the project timeframe?*
- *Which research questions, case studies and deep dives should be included in the modelling?*
- *How to operationalize the underlying narrative storylines to prepare the scenarios for the modelling? Which drivers and indicators should be included in the modelling?*

Time	Content	Resource person
09.00-09.05	Welcome / Introduction	Moderator: UNECE
09.05-09.15	Presentation: Project Overview - Objectives and approach - Implementation phases	Stefanie Held / Lisa Tinschert, UNECE
09.15-09.45	Review: Conceptualising the project: Storylines and Target Definition - Summary: UNECE Sustainable Energy Storylines - Key challenges of defining Sustainable Energy - Modelling Sustainable Energy Scenarios	Stefanie Held / Lisa Tinschert, UNECE
09.45-10.25	Hearing from the experts: What matters towards 2050? And how can it be modelled? - Case studies and deep dives to be explored within the modelling - Policies and technologies to achieve sustainable energy - SDGs: Meeting contradictory challenges - Country and expert involvement over the project timeframe - Recommendations for the project <i>Discussion, Q/A</i>	Moderator All participants
10.25-10.30	Wrap-up	Moderator