

National frameworks for scenario development towards net-zero target-setting

Objective

This session aims to disseminate benefits and efforts to improve institutional frameworks to develop and utilise Long-Term Energy Scenarios (LTES) in planning for net-zero or low-emission targets. The session will feature experiences collected by the LTES Network from its country members and technical partners over the past five years and will gather feedback on the way forward.

Programme

Moderator: Prason Agarwal, Acting Head of Secretariat, Clean Energy Ministerial.

16:00 – 16:05 Opening remarks

Speaker: Roland Roesch, Acting Director, Innovation and Technology Centre, IRENA.

Time: 5 min

16:05 – 16:10 Country remarks. The climate ambassador will give a brief speech about the importance of using Long-Term Energy Scenarios for a clean energy transition and to address climate change.

Speaker: H.E. Mr Tomas Anker Christensen, Climate Ambassador, Ministry of Climate, Energy and Utilities of Denmark.

Time: 5 min.

16:10 – 16:25 IRENA Presentation: “Global governance frameworks in aligning LTES with national development strategies”.

Speaker: Asami Miketa, Senior Programme Officer Power Sector Investment Planning, Innovation and Technology Centre, IRENA.

Time: 15 min

Based on the LTES Network’s comparative analysis of the alignment of LTES and Long-Term Low Emission Development Strategies (LT-LEDS), the purpose of this presentation is to share global practices to formulate scenario-based LT-LEDS.

The presentation will cover the following aspects:

- *Institutional arrangements and coordination for developing scenario-based LT-LEDS.*
- *Elements of the energy transition included into LT-LEDS.*
- *Stakeholder’s coordination to develop LT-LEDS.*
- *LTES practices that can be applied to develop LT-LEDS and vice versa.*

16:25 – 16:45 Financial sector presentations. “Use of Long-Term Energy Scenarios to support decisions in the financial sector”.

Speaker 1: Livio Stracca, Deputy Director General Financial Stability, European Central Bank.
Time: 10 min.

Speaker 2: David Carlin, Head of Climate Risk and Task Force on Climate-Related Financial Disclosures Program, UNEP- Finance Initiative.
Time: 10 min.

The purpose of these presentations is to increase awareness of the various applications and significance of LTES in the financial sector to deliver sustainable solutions for the energy transition.

The presentation will cover the following aspects:

- *Uses of Long-Term Energy Scenarios by financial institutions in their investment and lending decisions related to the energy sector and factors considered to assess risk. If possible, featuring example cases highlighting best practices.*
- *Benefits of using LTES in the financial sector.*

16:45 – 17:15 Panel discussion. “Enhancement of institutional frameworks to develop and use LTES for net-zero target setting”

Panelist:

- Ellen von Zitzewitz, Deputy Director, Federal Ministry for Economic Affairs and Climate Action, Germany, TBC.
- Paul Nzomo, Mbuti Deputy Director of Renewable Energy Ministry of Energy and Petroleum, Kenya, TBC
- Livio Stracca, Deputy Director General Financial Stability European Central Bank
- David Carlin, TCFD and Climate Risk Program Lead, UNEP- Finance Initiative

Time: 30 min.

The purpose of this panel discussion is to gather diverse insights on the aspects that must be addressed to enhance the institutional and governance frameworks to develop and use LTES as effective tools for decisionmakers to set net-zero or low-emission targets in energy systems.

The questions to be explored in the discussion include:

Questions to countries:

- *Based on your experience in scenario-making, what are the biggest challenges that countries face in building enabling institutional structures to effectively create and use LTES to establish plans to reach net-zero or low-emission energy systems?*
- *In the national frameworks for LTES, how critical are multistakeholder coordination and consultation processes to target net-zero or low-emission energy systems?*
- *What do you consider are the next steps that international platforms for knowledge exchange (like the LTES Network) should take to keep supporting countries in enhancing their institutional frameworks for LTES?*

Questions for financial sector (ECB and UNEP-FI)

- *What are the main issues you see that prevent national LTES being useful for the financial sector?*
- *How does the financial sector currently coordinate with national governments on LTES development? Are there any best practices or successful models that you would recommend?*
- *What improvements can be made to the current government LTES planning processes to better meet the needs of the financial sector in using scenarios as decision-making tools for the energy transition?*
- *How do you see the role of financial institutions evolving in supporting the development of transition scenarios to net-zero or low-emission energy systems? What opportunities and challenges do you foresee in this area?*

17:15 – 17:55 Floor interventions

Time: 40 min.

Moderator addresses interventions from the floor. The discussion in this segment should focus on the following prioritized aspects:

- Benefits and general reflections of being part of the LTES Network.
- Challenges foreseen to expand the LTES platform to other regions or countries.
- Feedback on the way forward of the LTES Network.
- Questions to panelists.

17:55 – 18:00 Session wrap-up

Time: 5 min.

Moderator makes a wrap-up of the session, highlighting the main takeaways.