

Fifth International Forum on Long-Term Energy Scenarios (LTES) for the Clean Energy Transition

Session 1: Roundtable: Leveraging Long-Term Energy Scenarios Planning Frameworks to Mobilize Climate Finance Co-hosted with Brazil

Background

Under IRENA's Global Network on Long Term Energy Scenarios (LTES), IRENA and the network's members countries strive to practice effective energy planning in the respective national government frameworks. Effective national energy planning serves as the backbone of strategic national development, integrating innovation and inclusive stakeholder engagement while also facilitating proper financing mechanisms to achieve sustainable goals.

This roundtable is part of a broader webinar series on "Energy Planning Frameworks for Mobilizing Finance for the Energy Transition." The series brings together various stakeholders, including national and international development finance institutions, private investors, banks, and government agencies, to discuss the critical role of energy planning in aligning investment strategies with sustainable development and climate goals.

Throughout the series, discussions will focus on how effective energy planning frameworks can support the mobilization of finance, both at the national and international levels. Key topics include the collaboration between government planning agencies and financial institutions, the role of multilateral development banks in supporting sustainable development, and strategies to attract private capital by providing clear risk-return profiles through robust planning frameworks. Additionally, the series also explores how countries adapt and implement these frameworks to fit their specific contexts, ensuring alignment between national goals and financial strategies.

In this context, this roundtable will delve into the intersection of energy planning and climate finance, emphasizing the role of energy planning frameworks in securing funding for the energy transition.

Objective

The objective of this session is to explore how the long-term planning frameworks can be tailored to mobilize national and international climate funds and how they can be used to attract significant financial resources, ensuring that the countries' energy transition strategies are integrated with global climate objectives.

Expected outcomes

- Enhanced understanding on the global climate financing and role of long-term national energy planning to facilitate their mobilization.
- Identify crucial elements in LTES planning frameworks that can facilitate the access to global climate financing mechanisms.
- Practical insights to develop and communicate LTES to facilitate access to global climate finance with special emphasis on the Global South.

Proposed Agenda

Time	Content
5 min	Welcome remarks and introduction Moderator: <i>Elizabeth Gillespie</i> , Director, EY
5 mins	Scene-setting presentation (context under G20 Presidency) Presenter: <i>Gustavo Naciff de Andrade</i> , EPE Brazil
5 mins	Scene-setting presentation (energy planning for mobilizing finance) Presenter: <i>Asami Miketa</i> , IRENA
50 mins	Interventions approx. 10-12 Confirmed interventions so far: <ol style="list-style-type: none"> 1. Jessica Arias Gaviria, Deputy Director, UPME, Colombia 2. Francisco Domenech Guzman, Energy Foresight Analyst, Ministry of Energy, Chile 3. Claire Nicolas, Senior Energy Economist, World Bank 4. Natacha Marzolf, Principal Energy Specialist, IDB 5. Vivien Foster, Principal Research Fellow, Climate Compatible Growth 6. Lucia Fuselli, Founder, Climate Strategies 7. Alessia De Vita, Technical Advisor, GET.transform 8. Andrea Wainer, Renewable Energy & Sustainability, REN21
75 mins	Moderated discussion
5 mins	Closing remarks and wrap-up

Topics to discuss:

- Integrating global climate finance criteria into energy planning.
- Overcoming barriers in securing global climate finance through LTES
- Practices to align LTES with climate financing priorities.

Speaker Biographies

Asami Miketa, International Renewable Energy Agency (IRENA)



Asami Miketa is the Head Energy Transition Planning and Power Sector Transformation at the Innovation and Technology Center (IITC) at the International Renewable Energy Agency (IRENA) in Germany. Since 2012, she has been leading a program to support long-term energy planning activities in Africa, Asia, and Latin America. Key components in the program include the development of African power pools models, provision of training seminars to government officials, development of regional renewable roadmaps, and modelling variable renewable energy for policymaking. She is also leading IRENA's work on Long-term Energy scenarios for Clean Energy Transition under Clean Energy Ministerial. Another area of her work includes long-term capacity expansion planning with a higher share of variable renewable energy. Asami received her PhD from Keio University in Japan in 2002, while she worked as a research scholar with the Energy Program at International Institute for Applied Systems Analysis (IIASA) in Austria. In 2005, she joined the International Atomic Energy Agency (IAEA).

Gustavo de Naciff Andrade, EPE Brazil



Gustavo Naciff de Andrade is the Deputy Head of Energy Economics at the Energy Research Office (EPE), an institution affiliated with Brazil's Ministry of Mines and Energy. Since joining EPE in 2008, Gustavo has been responsible for coordinating studies in strategic areas such as energy transition, innovation in the energy sector, economic assessments, and long-term scenarios. He is currently leading the scenario-building process for Brazil's National Energy Plan 2055. Gustavo has also been actively involved in the Long-Term Energy Scenarios initiative since its inception. His work is crucial in strengthening partnerships and fostering dialogue between EPE and key stakeholders on critical energy transition issues. Notable initiatives include the Climate Neutrality Scenarios of the Energy Transition Program (EPE/IDB/CEBRI) and the Energy Big Push (EPE/CGEE/ECLAC). Additionally, he represents EPE in G20 discussions on financing energy transitions, one of the top priorities of Brazil's presidency.

Elizabeth Gillespie, Ernst & Young



Elizabeth Gillespie is a director of financial services at Ernst & Young in London, United Kingdom.