

Workshop
Long-term Scenarios for the Clean Energy Transition in Latin America
25-26 February 2019, Brasilia, Brazil
Auditorium - Ministry of Energy and Mines

Agenda

Monday, 25th February 2019

8:30 – 9:00 **REGISTRATION**

9:00 – 9:50 **INTRODUCTION TO EVENT AND CONTEXTUALIZATION**

Chair: Reive Barros, Secretary for Energy planning and development, Ministerio de Minas e Energia, Brazil

Welcome remarks (20 min)

Ubiratan Castellano, Director Energy Information and Studies, Ministério de Minas e Energia, Brasil
Thiago Ferreira, Executive President, EPE, Brasil

Setting the scene – Long-term energy scenarios for the clean energy transition (30 min)

Asami Miketa, Senior Programme Officer – Power Sector Investment Planning, IRENA

9:50-10:30 **SHARING COUNTRY EXPERIENCE (Country Group1)**

Objective: share South American countries' experience in the: use, development and capacity building for long-term energy scenario planning in the context of the clean energy transition

(120 min – 6 countries/15 min presentation + 5 min Q&A per country)

Chair: Elaine Marcial, IPEA and NEP-Mackenzie, Brazil

Emilio Matsumura, Technical advisor of the CEO, EPE, Brasil

Alex Santander, Head of Energy Forecasting and Technology Surveillance Unit, Ministerio de Energía, Chile

10:30 – 11:00 **COFFEE BREAK / GROUP PICTURE**

11:00 - 12:45 **SHARING COUNTRY EXPERIENCE (Country Group2)**

Ezequiel Mladineo, Senior Economist, Directorate of Economic and Regulatory Studies, Ministerio de Energía, Argentina

Martin Cordovez, Executive Director, Instituto de Investigación Geológico Energético, Ecuador

Daniel Puentes, Professional, Viceministerio de Electricidad, Paraguay

Vittorio Scopelli, Professional, Ministerio de Industria, Energía y Minería, Uruguay

Moderated discussion among the participants (25 minutes)

12:45 - 14:00 **LUNCH BREAK**

14:00-15:30 **TECHNICAL SESSION 1 – USE OF LONG-TERM ENERGY SCENARIOS FOR DECISION MAKING**

Objective: present lessons learnt when using prospective and long-term scenarios to support policy making. How can long-term energy scenarios be made more relevant to policy development or investment decisions?

(15 min presentation + 5 min Q&A per speaker)

Chair: Asami Miketa, IRENA

Pablo Carvajal, IRENA (10 min)

[International experience from the LTES campaign – Use of energy scenarios]

Elaine Marcial, Institute of Applied Economic Research IPEA and NEP-Mackenzie, Brazil

[Long-term planning]

Ubiratan Castellano, Director of Energy Information and Studies, Ministério de Minas e Energia, Brasil

[Brazil's experience in the use of long-term scenarios]

Alex Santander, Head of Energy Forecasting and Technology Surveillance Unit, Ministerio de Energía, Chile

[Chile's experience in the use of long-term scenarios]

Moderated discussion among the participants (20 minutes)

15:30 -15:45 **COFFEE BREAK / GROUP PICTURE**

15:45 - 17:15 **TECHNICAL SESSION 2 – IMPROVEMENT OF LONG-TERM ENERGY SCENARIOS FOR THE CLEAN ENERGY TRANSITION**

Objective: Long term energy plans, difficulties, improvements and new approaches for the clean energy transition. What are the challenges when developing scenarios for the clean energy transition?

(15 min presentation + 5 min Q&A per speaker)

Chair: Alex Santander, Ministerio de Energia

Pablo Carvajal, IRENA

[International experience from the LTES campaign – Development of scenarios]

Camila Ferraz, Energy Analyst, EPE, Brazil

[Areas of improvement of long-term energy scenarios]

Leonam Guimarães, President, Electronuclear, Brazil

[The role of nuclear energy in decarbonisation scenarios]

Claudia Cronenbold, Vice President for Latin America and the Caribbean, World Energy Council

[Regional long-term energy scenarios. Key messages for Latin America]

Moderated discussion among the participants (20 minutes)

Agenda

Tuesday, 26th February 2019

9:00-10:30 TECHNICAL SESSION 3 – APPROACHES TO BUILDING CAPACITY FOR MODEL-BASED SCENARIO DEVELOPMENT

Objective: Building expertise for effective energy scenarios planning capacity. How to develop and enhance scenario planning capacity?
(15 min presentation + 5 min Q&A per speaker)

Chair: Nicolas Di Sbroiavaca, Fundación Bariloche, Argentina

Pablo Carvajal, IRENA (10 min)

[International experience from the LTES campaign]

Rafaela Guedes, Manager of Market and Business Studies of Corporate Strategy, Petrobras, Brazil
[Development of Energy scenarios in the context of Petrobras]

Medardo Cadena, Director of Integration, Access and Energy Security, OLADE
[OLADE's Energy Planning Manual]

Bernardo Bezerra, PSR

[Building capacity for long-term energy plans: factoring market design aspects]

Discussion among panellists and participants (20 min)

10:30-11:00 COFFEE BREAK

11:00-12:45 TECHNICAL SESSION 4 – ACADEMIC PERSPECTIVE ON SCENARIOS FOR THE CLEAN ENERGY TRANSITION

Objective: Novel perspectives from academia to represent the clean energy transition in models and communicate key messages to civil society.
(15 min presentation + 5 min Q&A per speaker)

Chair: Medardo Cadena, OLADE

Alexandre Szklo, Associate Professor, COPPE/UFRJ

[Deep Decarbonisation scenarios for Brazil – critical factors for decarbonisation of the energy system. What novel tools and approaches are needed when modelling the clean energy transition.]

Nicolas Di Sbroiavaca, Executive President, Fundación Bariloche, Argentina

[Several decades of energy scenario building in LAC – the interface between policy makers and modellers. Good practices for communicating scenarios to policy makers]

Joisa Campanher Dutra, FGV EPGE, Brazil

[Scenarios of energy transition with natural gas – Impacts of reforming Brazil's natural gas sector]

Ceres Cavalcanti, CGEE, Brazil

[Prospects of research and development projects for the Brazilian power sector]

Discussion among panellists and participants (25 min)

12:45-14:00 LUNCH BREAK

14:00-15:20 TECHNICAL SESSION 5 – FUTURE REGIONAL COLLABORATION AND WAY FORWARD

Chair: Marcio Szechtman, General Director, CEPEL, Brazil

Objective: Present what is the status of regional discussion on long-term energy planning and how to contribute with the on-going discussions

Ubiratan Castellano, Ministério de Minas e Energia, Brasil (30 min)

[On-going discussions in ECLAC's Regional Planners' Forum]

Asami Miketa, IRENA (30 min)

[Experience from REmap, the AVRIL project & the IRENA Energy Transition Scenario Network]

Discussion among all participants (20 min)

15:20-15:35 CLOSING REMARKS

Thiago Ferreira, EPE, Brazil, Ubiratan Castellano, Ministério de Minas e Energia, Brasil, Asami Miketa, IRENA (15 min)

15:35-16:00 COFFEE BREAK - END OF WORKSHOP

Notes

For any questions or more information, please contact LTES@irena.org.

Contact: Pablo Carvajal (PCarvajal@irena.org), +49 172 187 8900