

Long-term Energy Scenarios for the Clean Energy Transition

A campaign under the Clean Energy Ministerial (CEM)
Multilateral Solar and Wind Working Group

Webinar series announcement

The world's energy system faces profound new challenges

The climate objectives of the 2015 Paris Agreement require a **global transformation** in the energy sector. United Nations Sustainable Development Goals, similarly, call for a shift to clean energy – based largely on renewable sources and technologies – as quickly as possible.

In parallel, **accelerating innovations** over the past decade have changed the ways that energy is generated, distributed and used, as well as how the system operates and links with wider infrastructure.



Decision makers considering the future energy system need to confront **issues that are complex, interconnected and long-term in nature**. While the right choices can bring great economic benefits, poorly informed decisions can result in significant economic costs, including stranded assets, or the failure to employ disruptive innovations to spur better economic development.

Long-term energy scenarios have become an invaluable tool, both to **facilitate international debate** and **guide national policy-making**. Although long-term scenario planning is not new, the growing complexity of modern energy systems calls for new approaches.

Launched at the 9th Clean Energy Ministerial (CEM) in 2018, the Long-term Energy Scenarios (LTES) campaign aims to explore these crucial planning challenges. It covers institutional aspects, such as who does what and how, as well as technical aspects, such as emerging modelling issues.

A new LTES webinar series

To promote the wider adoption and improved use of long-term energy scenarios, the LTES campaign is hosting a series of regular webinars, during which the **Members (government representatives) and Partners (technical institutions) of the Campaign will share their experience** on one or all of the following interconnected themes:

1. **Using scenarios for decision making:** How (in terms of institutional structure) have long-term energy scenarios been used to guide policy making? What are new challenges in this process that have arisen specifically in pursuing clean energy transition?
2. **Improving scenarios for the clean energy transition:** What are new elements emerging in the clean energy transition that need to be included in long-term scenarios? How successfully do scenarios address these elements, and what are remaining challenges? Are there particular novel approaches to modelling potentially disruptive developments?

3. **Identifying approaches to building capacity in governments:** Where does modelling capability reside for the development of official government scenarios? What type of technical capability should governments ideally possess to allow for scenario-based planning/policy making? What are intuitional relationships between the users of scenarios and developers of scenarios in different contexts?

How to register? Why register?

To register for the LTES webinar series, please follow this link: [Register](#)

The LTES webinars will present attendees with a fuller picture of how long-term energy scenarios are currently developed and used by leading government and research institutions around the world. They are an opportunity to engage with leading practitioners around these topics, and future questions around how long-term scenarios can best drive a rapid clean energy transition over the coming decades.

Webinar schedule

The LTES webinars will be held on a near-weekly basis, beginning on November 8th 2018 at 9:30 CET:

November 8th 2018, 9:30-10:30 CET:

- » [postponed] Alec Waterhouse – UK Department for Business, Energy and Industrial Strategy (BEIS) [topic: 2. Improving scenarios]
- » [postponed] Reshma Francy – UAE Ministry of Energy

November 15th 2018, 16:30-17:30 CET:

- » Jesús Raymundo Duque – Mexico Secretary of Energy (SENER) [topic: 1. Using scenarios]
- » Thiago Barral and Gustavo Naciff – The Energy Research Office (EPE) of Brazil [topic: 1. Using scenarios/2. Improving scenarios]

November 22nd 2018, 16:30-17:30 CET:

- » [postponed] Michael Paunescu – Natural Resources Canada (NRCan)
- » [postponed] Glasha Obrekht and Li Xue – Environment and Climate Change Canada
- » [postponed] Michael Nadew – National Energy Board (NEB) of Canada

November 29th 2018, 16:30-17:30 CET:

- » Uwe Remme and Stephanie Bouckaert – International Energy Agency (IEA) [topic: 1. Using scenarios/2. Improving scenarios]
- » Javier Bustos and Juan Carlos Araneda – Chile Ministry of Energy and Gerente de Planificación de la Transmisión [topic: 1. Using scenarios]

December 6th 2018, 9:30-10:30 CET:

- » Kaare Sandholt – China National Renewable Energy Centre (CNREC) [topic: 1. Using scenarios/2. Improving scenarios]
- » Niels Bisgaard – Danish Energy Agency (DEA) [topic: 3. Building capacity]

December 13th 2018, 9:30-10:30 CET:

- » Tiina Koljonen – VTT Technical Research Centre of Finland [topic: 1. Using scenarios/2. Improving scenarios]
- » Thorsten Rüter – German Federal Ministry for Economic Affairs and Energy (BMWi)

December 20th 2018, 9:30-10:30 CET:

- » Pieter Boot and Paul Koutstaal – Netherlands Environmental Assessment Agency (PBL) [topic: 1. Using scenarios/2. Improving scenarios]
- » Hiroyuki Ishida – Japan Ministry of Economy, Trade and Industry (METI) [topic: 1. Using scenarios]

January 17th 2019, 16:30-17:30 CET:

- » George Giannakidis – Energy Technology Systems Analysis Program (ETSAP) [**topic: 3. Building capacity**]
- » Brian O’Gallachoir – Energy Technology Systems Analysis Program (ETSAP)

January 24th 2019, 16:30-17:30 CET:

- » Wesley Cole – NREL Strategic Energy Analysis Center [**topic: 1. Using scenarios/2. Improving scenarios**]
- » Dalius Tarvydas – EC Joint Research Centre (JRC) [**topic: 1. Using scenarios**]

February 7th 2019, 16:30-17:30 CET:

- » Jean-Philippe Bernier – Natural Resources Canada [**topic: 1. Using scenarios**]
- » Michael Nedew – National Energy Board Canada [**topic: 2. Improving scenarios**]
- » Nick Macaluso and Robin White – Environment and Climate Change Canada [**topic: 2. Improving scenarios**]

February 21st 2019, 9:30-10:30 CET:

- » Alec Waterhouse – UK Department for Business, Energy and Industrial Strategy (BEIS) [**topic: 2. Improving scenarios**]
- » Reshma Francy – UAE Ministry of Energy [**topic: 1. Using Scenarios/ 2. Improving scenarios**]

March 7th 2019, 9:30-10:30 CET:

- » Liu Jun – State Grid Energy Research Institute (SGERI) [**topic: 1. Using / 2. Improving scenarios**]
- » Alban Kitous –European Commission, DG ENERGY [**topic: 1. Using Scenarios/ 2. Improving scenarios**]

March 21st 2019, 16:30-17:30 CET:

- » Daniel Russo – IRENA IITC [topic: 2. Improving scenarios]
- » Emanuele Taibi – IRENA IITC [topic: 2. Improving scenarios]

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Contact

For more information on joining or to discuss details, contact IRENA, which is the CEM **working group’s operating agent for the campaign:** LTES@irena.org

To learn more about CEM: www.cleanenergyministerial.org

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