

# 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 9<sup>th</sup> 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 8<sup>th</sup> 2018 at 9:30 CET:

### November 8<sup>th</sup> 2018, 9:30-10:30 CET:

- » Alec Waterhouse – UK Department for Business, Energy and Industrial Strategy (BEIS)
- » Reshma Francy – UAE Ministry of Energy

### November 15<sup>th</sup> 2018, 16:30-17:30 CET:

- » Jesús Raymundo Duque – Mexico Secretary of Energy (SENER)
- » Thiago Barral and Gustavo Naciff – The Energy Research Office (EPE) of Brasil

### November 22<sup>nd</sup> 2018, 16:30-17:30 CET:

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

### November 29<sup>th</sup> 2018, 16:30-17:30 CET:

- » Uwe Remme – International Energy Agency (IEA)
- » Alex Santander – Chile Ministry of Energy

### December 6<sup>th</sup> 2018, 9:30-10:30 CET:

- » Kaare Sandholt – China National Renewable Energy Centre (CNREC)
- » Niels Bisgaard – Danish Energy Agency (DEA)

### December 13<sup>th</sup> 2018, 9:30-10:30 CET:

- » Tiina Koljonen – VTT Technical Research Centre of Finland
- » German Federal Ministry for Economic Affairs and Energy (BMWi) (TBC)

### December 20<sup>th</sup> 2018, 9:30-10:30 CET:

- » Pieter Boot and Paul Koutstaal – Netherlands Environmental Assessment Agency (PBL)
- » Hiroyuki Ishida – Japan Ministry of Economy, Trade and Industry (METI)

### January 17<sup>th</sup> 2019, 16:30-17:30 CET:

- » George Giannakidis and Brian O’Gallachoir – IEA ETSAP

### January 24<sup>th</sup> 2019, 16:30-17:30 CET:

- » NREL Joint Institute for Strategic Energy Analysis (TBC)
- » EU Joint Research Centre (JRC) (TBC)

## 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](mailto:LTES@irena.org)

To learn more about CEM: [www.cleanenergyministerial.org](http://www.cleanenergyministerial.org)

For more about IRENA: [www.irena.org](http://www.irena.org)