

# 1<sup>st</sup> IAEE Online Conference ENERGY, COVID AND CLIMATE CHANGE 7,8,9 June 2021

## Plenary Sessions Program

Conference organized with the support of



Academic partners



Monday, 7 June 2021

## Morning Parallel Session

CEST Time 11:15 - 12:45  
Tokyo Time 18:15 - 19:45  
EDT 05:15AM - 06:45AM

### The future of carbon pricing

**Presided by :** Prof. Christian De Perthuis, *Université Paris Dauphine*

**Speakers :** Prof. Janet E. Milne, *Vermont Law School*  
Mr. Stéphane Hallegatte, *Lead Economist, Climate Change Group, Worldbank*  
Ms. Beatriz Yordi, *DG Climate Action, Directorate "European & International Carbon Markets", European Commission*

### Hybrid market architectures for ensuring investment in the European electricity sector

**Presided by :** Prof. Jan Horst Keppler, *Université Paris-Dauphine, Chaire European Electricity Markets (CEEM)*

**Speakers :** Prof. David Newbery, *Cambridge and Imperial College*  
Prof. Chloé Le Coq, *University of Paris II Panthéon-Assas*  
Prof. Fulvio Fontini, *Università di Padova*  
Prof. Michael Grubb, *University College London*  
Prof. Fabien Roques, *Université Paris-Dauphine, Chaire European Electricity Markets (CEEM)*

## Opening Keynote

CEST Time 13:30 - 15:00  
Tokyo Time 20:30 - 22:00  
EDT 07:30AM - 09:00AM

### Energy transition in times of Covid

**Presided by :** Prof. Yannick Perez, *IAEE 2021 Online Conference General Chair*

**Speakers :** Prof. James Smith, *IAEE President, Southern Methodist University*  
Mr. Patrick Pouyanné, *CEO, Total*  
Ms. Laura Cozzi, *Chief Energy Modeler, International Energy Agency*  
Prof. Edward Miguel, *University of California, Berkeley*  
Prof. Claudia Kemfert, *DIW Berlin*

## Afternoon Parallel Session

CEST Time 15:15 - 16:45  
Tokyo Time 22:15 - 23:45  
EDT 09:15AM - 10:45AM

### Shared Autonomous Electric mobility : triple revolution

**Presided by :** Prof. Ramteen Sioshansi, *Ohio State University, College of Engineering*

**Speakers :** Prof. Daniel Sperling, *UC Davis*  
Prof. Willett Kempton, *University of Delaware*  
Ms. Alexandra Lougovoy, *Chief Marketing Officer, Vullog*

### The role of gas in energy transition

**Presided by :** Prof. Olivier Massol, *IFP School*

**Speakers :** Prof. Masakazu Toyoda, *Chairman & CEO, Institute of Energy Economics, Japan (IEEJ)*  
Dr. Tatiana Mitrova, *Research Scholar, Center on Global Energy Policy, Columbia University*  
Prof. Charles Mason, *University of Wyoming*  
Mr. Dominique Mockly, *CEO, Terega*

Tuesday, 8 June 2021

## Morning Parallel Session

CEST Time 11:15 - 12:45  
Tokyo Time 18:15 - 19:45  
EDT 05:15AM - 06:45AM

### Energy access around the world

**Presided by :** Prof. Anna Creti, *Université Paris-Dauphine*

**Speakers :** Prof. Jörg Peters, *Research with Impact - RWI, ESSEN*  
Prof. Ignacio Pérez-Arriaga, *MIT Institute for Data, Systems, and Society*  
Assistant Prof. Federico Pontoni, *Bocconi University*

### Power-to-Hydrogen and Hydrogen-to-X

**Presided by :** Mr Paul Lucchese, Chair, IEA Hydrogen Technology Collaboration Programme

**Speakers :** Ms. Olfa Tlili, *Project Manager, RTE*  
Mr. Francesco Dolci, *Scientific Officer, Joint Research Centre (JRC) - European Commission*  
Mr. Benoit Decourt, *Vice-President Hydrogene, Falkor*

## Keynote

CEST Time 13:30 - 15:00  
Tokyo Time 20:30 - 22:00  
EDT 07:30AM - 09:00AM

### The future of Hydrogen

**Presided by :** Prof. François Leveque, *CERNA, Mines ParisTech*

**Speakers :** Ms. Catherine MacGregor, *CEO, Engie*  
Mr. Ambroise Fayolle, *Vice-President, European Investment Bank*  
Mr. Keisuke Sadamori, *Director, Energy Markets and Security, IEA*

## Afternoon Parallel Session

CEST Time 15:15 - 16:45  
Tokyo Time 22:15 - 23:45  
EDT 09:15AM - 10:45AM

### Energy transition and local governance

**Presided by :** Prof. Michael Pollitt, *Cambridge University*

**Speakers :** Ms. Marianne Laigneau, *President, Enedis*  
Prof. Matthew E. Kahn, *Johns Hopkins University*  
Prof. Anna Alberini, *University of Maryland*  
Prof. Michael Caramanis, *Boston University*

### Circular Carbon Economy

**Presided by :** Dr. Majid Al Moneef, *Chair, SAE*

**Speakers :** Mr. Adam Sieminski, *President, KAPSARC*  
Mr. Gasem Fallatah, *Advisor to the Minister, MoEnergy*  
Mr. Ahmed Alsinan, *Business Development Specialist, Aramco*  
Prof. Carlos Duarte, *Kaust*

Wednesday, 9 June 2021

## Morning Parallel Session

CEST Time 11:15 - 12:45  
Tokyo Time 18:15 - 19:45  
EDT 05:15AM - 06:45AM

### The future energy mix

**Presided by :** Prof. Keigo Akimoto, *RITE*

**Speakers :** Prof. Karsten Neuhoff, *DIW Berlin*  
Mr. Thomas Veyrenc, *Executive Director – Strategy, Planning and Evaluation division, RTE*  
Mr. Brent Wanner, *Head of the Power Sector Unit for the World Energy Outlook, IEA*

### Lessons from leaders in energy & climate policy

**Presided by :** Prof. Amy M. Jaffe, *Managing director of Climate Policy Lab at The Fletcher School, Tufts University*

**Speakers :** Ms. Barbara Pompili, *Minister for the Ecological Transition of France*  
Mr. Laurent Michel, *General Director for Energy and Climate Change in the Ministry of Ecological Transition, France*  
Prof. Teresa Ribera Rodríguez, *Minister for the Ecological Transition of Spain*  
Ms. Laurence Tubiana, *CEO, European Climate Foundation*

## Concluding Keynote

CEST Time 13:30 - 15:00  
Tokyo Time 20:30 - 22:00  
EDT 07:30AM - 09:00AM

Concluding IAEE 2021 towards IAEE 2022: Shaping a clean energy future after COVID / energy industry message, climate address, policy ambitions and economists' remarks.

**Presided by :** Christophe Bonnery, *2019 IAEE President, Actual Executive IAEE Vice president and AEE President*

**Speakers :** Dr. Hoesung Lee, *President, Intergovernmental Panel on Climate Change*  
Mr. Jean-Bernard Levy, *CEO, EDF*  
Ms. Anne Houtman, *Former Ambassador of the European Union; Member of the Belgian Royal Academy*  
Prof. Paul L. Joskow, *MIT*

## Afternoon Parallel Session

CEST Time 15:15 - 16:45  
Tokyo Time 22:15 - 23:45  
EDT 09:15AM - 10:45AM

### Oil in times of Energy transition

**Presided by :** Mr. Adam Sieminski, *President, KAPSARC*

**Speakers :** Ms. Helen Currie, *Chief Economist, ConocoPhillips Corporation*  
Dr. Bassam Fattouh, *Director of the Oxford Institute for Energy Studies*  
Prof. Franziska Holz, *DIW Berlin*

### Nuclear

**Presided by :** Mr. Michel Berthélemy, *OECD NEA*

**Speakers :** Ms. Valérie Faudon, *Executive Director, French Nuclear Energy Society (SFEN)*  
Ms. Sama Bilbao Y Leon, *Director General, World Nuclear Association (WNA)*  
Ms. Nicoletta Batini, *Lead Evaluator, International Monetary Fund (IMF)*  
Mr. Christopher Bowbrick, *Deputy Director, Nuclear, UK Department for Business, Energy & Industrial Strategy (BEIS)*

## Closing Plenary Session

CEST Time 19:00 - 21:00  
Tokyo Time 02:00 - 04:00  
EDT 01:00PM - 03:00PM

### The New Energy Landscape

**Presided by :** Prof. Yukari Yamashita, *Director, The Institute of Energy Economics, Japan*

**Speakers :** Prof. Frank Wolak, *Stanford University*  
Mr. Adam Sieminski, *President, KAPSARC*  
Prof. Jean-Michel Glachant, *Director Florence School of Regulation, EUI*  
Prof. Debajit Palit, *Director, The Energy and Resources Institute (TERI)*  
Prof. Xiaoyi (Shawn) Mu, *University of Dundee*



## Special thanks

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