



Federal Ministry  
for Economic Affairs  
and Energy

Federal Ministry  
of Education  
and Research



Australian Government

Department of the Environment and Energy



Australian Government

Department of Foreign Affairs and Trade



# AGENDA

**AUSTRALIAN-GERMAN ENERGY SYMPOSIUM 2019**  
Old Quadrangle, University of Melbourne, Victoria

Wednesday, September 18, 2019

*The Power Sector in Transition: How to secure Reliability, Emission Reduction and Affordability*

## 8:15 am: Registration

## 8:45 am: Welcome to Country

## 9:00 am: Opening Remarks

- **Rachel Parry**, First Assistant Secretary for Energy, Australian Department of the Environment and Energy
- *Video message:* **Thorsten Herdan**, Director-General Energy Policy, German Federal Ministry for Economic Affairs and Energy
- **The Hon. Lily D'Ambrosio**, Minister for Energy, Environment & Climate Change, Minister for Solar Homes, Victoria Department of Environment, Land, Water and Planning

## 10:00 am: Power system transition

- Moderator: **Prof. Frank Jotzo**, Co-Director of the Energy Transition Hub, Director of the Centre for Climate & Energy Policy, Australian National University
- **Alex Wonhas**, Chief System Design and Engineering Officer, Australian Energy Market Operator

- **Anthea Harris**, Deputy Secretary Energy, Victoria Department of Environment, Land, Water and Planning
- **Stefan Kapferer**, Chairman of the General Executive Management Board, German Federal Association of Energy and Water Industries (BDEW)
- **Dr. Falk Bömeke**, Acting Head of the Division for International Cooperation on Energy, German Federal Ministry for Economic Affairs and Energy

## 11:15 am: Break

## 11:45 am: Flexibility Options

- Moderator: **Dr. Wolf-Peter Schill**, Deputy Head, Department Energy, Transportation, Environment, German Institute for Economic Research (DIW)
- **Paul-Georg Garmer**, Senior Manager Public Affairs, TenneT (German Transmission System Operator)
- **Vince Duffy**, Executive Director Energy and Technical Regulation, South Australia Department for Energy and Mining
- **Benedikt Deuchert**, Project Manager Central & Western Europe, entelios

- **Dr. Jemma Green**, Cofounder and Chair, Power Ledger
- **Nathan Dunn**, CEO, sonnen Asia Pacific

### 1:15 pm: Lunch Break

### 2:15 pm: Market Design

- *Keynote:* **Jochen Homann**, President, German Federal Network Agency
- Moderator: **Dr. Marnie Shaw**, Research Leader, Battery Storage and Grid Integration Program, Australian National University
- **David Swift**, Independent Adviser on Energy Market Development, Energy Security Board
- **Dr. Felix Matthes**, Research Coordinator for Energy & Climate Policy, Ökoinstitut (Institute for Applied Ecology)
- **A/Prof. Tim Nelson**, Executive General Manager, Strategy and Economic Analysis, Australian Energy Market Commission
- **Dr. Marco Nicolosi**, Founding Partner, Connect Energy Economics
- **Rosemary Sinclair AM**, CEO, Energy Consumers Australia

### 3:45 pm: Break

### 4:00 pm: Facilitating Transition

- Moderator: **Prof. Jan Minx**, Co-Director of the Energy Transition Hub, Head of Working Group Applied Sustainability Science, Mercator Research Institute on Global Commons and Climate Change
- **Karen Cain**, CEO, Latrobe Valley Authority
- **Stefan Kapferer**, Chairman of the General Executive Management Board, German Federal Association of Energy and Water Industries (BDEW)
- **Dr. Amanda Cahill**, Founder and CEO, The Next Economy
- **Dr. Luke Haywood**, Lead Researcher Economic Consequences of Coal Exit, Mercator Research Institute on Global Commons and Climate Change
- **James Hay**, Deputy Secretary Energy, Climate Change and Sustainability, New South Wales Department of Planning, Industry and Environment

### 5:30 pm: Reception

#### Opening Remarks

- **Prof. Jim McCluskey AO**, Deputy Vice-Chancellor (Research), University of Melbourne
- **Dr. Falk Bömeke**, Acting Head of the Division for International Cooperation on Energy, German Federal Ministry for Economic Affairs and Energy

Thursday, September 19, 2019

*Transition Opportunities across Energy Sectors*

**8:00 am: Registration**

**8:30 am: Opening Remarks**

- **Catherine Raper**, First Assistant Secretary, Europe and Latin America Division, Australian Department of Foreign Affairs and Trade
- **Prof. Robert Schlögl**, Director, Fritz Haber Institute of the Max Planck Society and Director, Max Planck Institute for Chemical Energy Conversion
- **Prof. Michael Cardew-Hall**, Pro Vice-Chancellor (Innovation), Australian National University

**9:00 am: Setting the scene: Status, prospects and bilateral opportunities of the Australian-German energy transitions**

- Moderator: **Prof. Chloe Munro AO**, Chair of the Energy Transition Hub Advisory Panel
- *Overview for Australia, 10min*  
**Prof. Ross Garnaut AC**, Professorial Research Fellow in Economics, University of Melbourne
- *Overview for Germany, 10min*  
**Dr. Felix Matthes**, Research Coordinator for Energy & Climate Policy, Ökoinstitut (Institute for Applied Ecology)
- **Holger Löscher**, Deputy Director General & Member of the Executive Board, Federation of German Industries (BDI)
- **Innes Willox**, CEO, Australian Industry Group

**10:00 am: Break**

**10:30 am: Diving into joint energy visions: Scenarios for the Australian-German energy transition: two energy super powers, hydrogen/efuel and technology export**

- Moderator: **A/Prof. Malte Meinshausen**, Co-Director of the Energy Transition Hub, Deputy Academic Convenor, Australian-German Climate and Energy College, University of Melbourne
- *Global energy transition context*  
**Prof. Gunnar Luderer**, Co-Director of the Energy Transition Hub, Deputy Chair, Research Domain III - Transformation Pathways, Potsdam Institute for Climate Impact Research (PIK)

- *Transition scenarios for Germany*  
**Dr. Carsten Rolle**, Head of the Department of Energy and Climate Policy, Federation of German Industries (BDI)
- **Prof. Karen Pittel**, Director, ifo Center for Energy, Climate and Resources, ifo Institute for Economic Research
- *Transition scenarios for Australia*  
**Dylan McConnell**, Research Fellow - Energy Systems, Energy Transition Hub
- **Dr. Falko Ueckerdt**, Managing Director - Germany, Energy Transition Hub and Co-Head, National Energy Transitions Team, Potsdam Institute for Climate Impact Research (PIK)
- **Dr. Daniel Roberts**, Director, Hydrogen Energy Systems Future Science Platform, CSIRO Energy
- **Attilio Pigneri**, CEO, H2U and President, Australian Association for Hydrogen Energy

**12:00 pm: Lunch Break**

**12:45 pm: Getting there: Hydrogen roadmaps. How can policy, research and bilateral cooperation facilitate the transition?**

- *Developing Australia's National Hydrogen Strategy*  
**Alison Reeve**, Taskforce Leader for National Hydrogen Strategy, Australian Department of Industry, Innovation and Science
- *Developing Germany's National Hydrogen Strategy*  
**Dr. Falk Bömeke**, Acting Head of the Division for International Cooperation on Energy, German Federal Ministry for Economic Affairs and Energy
- **Warner Priest**, Business Development Manager Emerging Technologies, Siemens Australia
- **Prof. Robert Schlögl**, Director, Fritz Haber Institute of the Max Planck Society and Director, Max Planck Institute for Chemical Energy Conversion
- **Prof. Michael Brear**, Director, Melbourne Energy Institute, University of Melbourne
- **Andrew Dickson**, Development Manager, Asian Renewable Energy Hub
- **Dr. Wolf-Peter Schill**, Deputy Head, Department Energy, Transportation, Environment, German Institute for Economic Research (DIW)

## 2:15 pm: Break

## 2:30 pm: Transition implications for energy-intensive industries for the transition

- Moderator: **Prof. Ken Baldwin**, Director, Energy Change Institute, Australian National University
- **Marc Barrington**, CEO, SIMEC Energy Australia
- **Dr. Volker Hille**, Head of Corporate Technology, Salzgitter AG
- **Karen Durand**, Corporate Sustainability Manager, Incitec Pivot
- **Dr. Silvia Madeddu**, Senior Industry Expert, Potsdam Institute for Climate Impact Research (PIK)
- **Michael Lord**, Zero Carbon Researcher, Energy Transition Hub

## 4:00 pm: Closing Remarks

### Background and scope of the event:

The Australian-German Energy Symposium is a joint event.

Day 1 is hosted by the Australian Department of the Environment and Energy and the German Federal Ministry for Economic Affairs and Energy.

Day 2 is hosted by the Australian Department of Foreign Affairs and Trade and the German Ministry of Education and Research in the framework of the Australian-German Energy Transition Hub.

The Symposium is about the transition of the Australian and German energy sectors –which are being driven by technical, economic, climatic and policy trends.

### Supported by:

