



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 Lösch**, 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.

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