



US-German Think Tank Workshop and Study Tour on the Energy Transition

May 14-17, 2018 in Berlin

In collaboration with:



Monday, May 14, 2018, 9:30 am – 5:00 pm (with lunch break)	
Introduction to the Energiewende and German energy policy	Format
<p>Welcome, introduction to the week’s program, presentation of participants</p> <p>MARTIN SCHÖPE, Head of Division International Cooperation on Energy, German Federal Ministry for Economic Affairs and Energy (BMWi); RAFFAELE PIRIA, adelphi</p>	<p>Short intro and “tour de table”</p>
<p>Overview of the German Energiewende</p> <p>THORSTEN HERDAN, Director General BMWi</p>	<p>Presentation, Q&A</p>
<p>Germany’s and Europe’s climate goals and policies</p> <p>VERA RODENHOFF, Head of Division International Environment and Energy and Urban Development, German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU)</p>	<p>Presentation, Q&A</p>
<p>A closer look at German energy policies</p> <p>REPRESENTATIVES of BMWi</p> <ul style="list-style-type: none"> ▪ Energy efficiency policies, successes, and challenges, DAVID LERCH ▪ Power market 2.0, power system 2030: trends and tasks, KATHARINA GRAVE ▪ Renewables deployment, auctions, AIKE MÜLLER ▪ Transportation and the energy transition ▪ Long-term scenarios 	<p>10-min presentations, short direct Q&A, open discussion at the end</p>
<p>Similarities and differences between the US and Germany</p> <p>RAFFAELE PIRIA, adelphi; ANDREAS JAHN, RAP</p> <ul style="list-style-type: none"> ▪ Power system governance / Role of EU / Setup of power markets 	<p>Panel discussion, Short direct Q&A</p>
<p>State and prospects for the German power system</p> <p>FRANK PETER, Agora Energiewende ; FELIX MATTHES, Öko-Institut; NILS ENGELKE, 50Hertz</p> <ul style="list-style-type: none"> ▪ Mobilizing flexibility resources in the power system ▪ Integrating high shares of variable renewables in practice ▪ Security of supply (capacity mechanism, strategic reserve, operational issues) ▪ The role of coal and gas generation in the German energy transition ▪ Grid expansion and power exchange with Germany’s neighbors 	
<p>Exploring the common ground in US and German power system transitions</p> <p>Moderation by MIKE HOGAN, RAP</p> <p>Based on the previous input, this debate will facilitate mutual learning about shared challenges and opportunities on both sides of the Atlantic. Some guiding questions:</p> <ul style="list-style-type: none"> ▪ What are the drivers of power sector transition in the US and Germany? ▪ How will supply costs and prices evolve? ▪ How can the necessary investment flows be ensured? ▪ How can high levels of supply security be maintained? ▪ What is the future of coal generation? 	<p>Open debate featuring high-level active moderation and several pre-selected US and German participants</p>

Tuesday morning, May 15, 2018, 9:00 – 12:15 am	
Examining the Power Sector Business	Format
<p>Are traditional utilities in a death spiral? A look at the US debate LAUREN MCCLOY, Office of Governor Jay Inslee The US speaker gives an overview on the US business and regulatory context.</p>	Presentation, Q&A
<p>Evolution of energy business models in the energy revolution TILMAN SCHWENCKE, BDEW RAINER HINRICHS-RAHLWES, BEE FABIAN SCHMITZ-GRETHLEIN, VKU JÖRG JASPER, EnBw JAN AENGENVOORT, Next Kraftwerke JAN ZACHARIAS, Entelios FELIX DEMBSKI, Sonnen GmbH</p>	Short (7-8 min) opening statements, followed by short Q&A
<p>Open debate on future business models in the power sector Moderated by ALBRECHT TIEDEMANN, RENAC The speakers and participants discuss the future of utilities and other power sector firms, identifying similarities and differences between Germany and the US, and draw lessons learned from each region.</p>	Open debate

Tuesday, May 15, 2018, 1:30 – 3:30 pm	
Looking at the Heat Sector	Format
<p>Energy transition in the heating sector UTA WEISS, ifeu CHRISTIAN RICHTER, dena MARKUS WITT, Vattenfall AB</p>	Presentations, Q&A
<p>Open debate on energy transition in the heat sector Moderated by ALBRECHT TIEDEMANN, RENAC</p>	

Wednesday, May 16, 2018, 9:15 am – 12:30 pm	
Transportation: The Toughest Part of the Energiewende	Format
Transition of the transport sector and the reality in Germany CHRISTIAN HOCHFELD, Agora Verkehrswende	Presentation, Q&A
German politics and the car industry: reaction to Dieselgate and prospects PETER MOCK, International Council on Clean Transportation (ICCT)	Presentation, Q&A
Urban Mobility – approaches and best practice in Berlin JÖRG WELKE, emo/ Berlin based agency for electric mobility	Presentation, Q&A
Future transport systems: e-mobility, hydrogen and fuel cells JAN WEGENER, NOW-GmbH	Presentation, Q&A
Exploring the common ground in the US and German vehicle transitions Moderation by PAULA RUOFF, Verkehrsclub Deutschland Based on the previous input, this debate facilitates mutual learning about shared challenges and opportunities on both sides of the Atlantic.	Open debate

Wednesday, May 16, 2018, 2:00 – 4:45 pm	
Civil Society, Public Acceptance, and Public Resistance in the Energy Transition	Format
Energiewende as a result of civil society participation and protest RAFFAELE PIRIA, adelphi	Short presentations, followed by discussion
Environmental NGOs between nature and climate protection PETER AHMELS, Deutsche Umwelthilfe	
The view of consumers on the energy transition THOMAS ENGELKE, Federation of German Consumer Organisations	
Decentralized resources and community ownership of generation assets RENÉ MONO, 100% Erneuerbar Stiftung	
Grid expansion: how to constructively engage stakeholders for timely implementation ANTONELLA BATTAGLINI, Renewable Grid Initiative	

Thursday, May 17, 2018, 9:00 – 10:30 am The current state of the energy transition (closing session)	Format
<p>FRANK PETER, Agora Energiewende</p> <p>Debaters: US participants and German experts</p> <p>The discussion can touch upon the following topics:</p> <ul style="list-style-type: none"> ▪ The current state of the energy transition ▪ Drivers of the energy transition: similarities and differences ▪ Challenges and opportunities ahead ▪ Extent and limits of cross-party consensus in the two countries. ▪ Geopolitical implications of the energy transition ▪ Potential collaboration in the energy policy field <p>Moderation tbd</p>	<p>Short intro statements, then open discussion</p>

Thursday, May 17, 2018, afternoon Guided city tour by foot	Format
<p>For US participants only.</p>	