



Conference

in cooperation with the Renewable Energy Agency (AEE)

A work in progress: the transition to renewable energy
The ecological modernization of power, transportation and heating

Wednesday, June 28, 2017, 8.30 a.m. - 6.00 p.m.

Heinrich-Böll-Stiftung, Schumannstr. 8, 10117 Berlin

Germany must continue on the path of ecological modernization. This is crucial to promoting innovation in the field of renewable energies, energy efficiency, energy storage and digitization, and to ensuring that Germany meets its internationally agreed climate targets. A further element is the transportation revolution, with environmentally sound drive technology and mobility options that meet the needs of as many people as possible.

Realizing the transition to renewable energy throughout Europe is a special challenge. This will require coordination between ambitious national measures, the requirements of common markets, and restrained energy policy dynamism at the European level.

“A work in progress: the transition to renewable energy” will give policymakers and experts from the worlds of business, industry and environmental protection the opportunity to discuss the future and integration of the power, heating and transportation sectors. The conference sees itself as a platform for dialog and networking that overcomes sector and national boundaries. It is intended to inspire everyone who is working to ensure the success of the transition to renewable energy. The conference is also designed to offer insights to those who are still skeptical.

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The central questions to be covered by the presentations and panels include:

- How much Europe does Germany's energy revolution need?
- Which business models fit to the transition to renewable energy?
- How much support in terms of industrial and employment policy will the transition require?
- How can we prevent risky investments in the coal industry?
- How will the German automotive industry position itself in the global transportation revolution?
- How can a socially just and climate-friendly transition in heating be realized?
- What are the most urgent energy-policy tasks for the next legislative period?

Program – subject to alterations**Wednesday, June 28, 2017**

8:30 am Doors open, snack

9:30 am Welcome, discussion

Ralf Fücks, Co-President, Heinrich Böll Foundation

Philipp Vohrer, Managing Director, Renewable Energy Agency

09:45 am Opening speeches

Prof. Claudia Kemfert, Head of Department, Energy, Transportation,
Environment, German Institute for Economic Research (DIW)

Megan Richards, Director of Energy Policy, European Commission, DG
ENER

10:30 am Panel discussion

The rise of renewables, made in Germany – made in Europe

The German energy transition, which to date has mainly been a transition to renewable sources of electric power, works thanks to the European single market. Broadening and deepening the transition will mean expanding this market. It will also require closer physical networking and the synchronization of energy policy projects. Our panel will be discussing the key projects and points of contention of the energy union:

- **Dr. Patrick Graichen**, Executive Director, Agora Energiewende *
- **Prof. Claudia Kemfert**, Head of Department, Energy, Transportation and Environment, German Institute for Economic Research (DIW)
- **Dr. Eva Kracht**, International Cooperation Directorate, Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB) *
- **Megan Richards**, Director of Energy Policy, European Commission, DG ENER

Presenter: **Dr. Ursula Weidenfeld**, freelance journalist

12:00 Lunch

1:15 pm

Parallel panels**a) The transportation revolution – environmentally sound mobility –***no translation*

The transportation revolution involves more than just replacing cars' drive technology. It will also see automotive manufacturers evolving into mobility providers. Actors from the digital economy will provide individualized, motorized transportation. Urban planners and policymakers are seeking frameworks to enable environmentally friendly transportation. The future of mobility will be diverse in every respect: How does the automotive industry see it? Which technologies and new business models are being promoted? What will happen to public transportation and the taxi business? What represents a forward-looking policy framework?

- **Christian Hochfeld**, Director, Agora Verkehrswende
- **Stephan Kühn**, MP, Transportation Policy Spokesperson, Alliance 90/The Greens
- **Dr. Martin Koers**, Director, Business and Climate Protection Policy Department, German Automotive Association (VDA)

Presenter: **Nadine Lindner**, Berlin studio, Deutschlandfunk

b) Designing a climate-friendly and socially acceptable transition in heating*no translation*

The climate-friendly restructuring of the heating sector will be crucial to the success of the energy revolution. At present, more final energy is consumed for heat than for power generation. For most consumers, heating and hot water costs have a much greater impact than electricity bills. However, both building owners and tenants have reservations regarding renovations to improve energy efficiency. How can the transition to heating based on renewable energy become a success? Is the use of electricity the solution for the heating sector? What can be done to make the restructuring of heating technology more dynamic? How can we ensure that the impact of such a transformation will be socially just?

- **Dr. Julia Verlinden**, MP, Energy Policy Spokesperson, Alliance 90/The Greens
- **Reiner Wild**, Managing Director, Berlin Tenants' Association (Berliner Mieterverein e.V.)

- **Dr. Tim Meyer**, Board Member, NATURSTROM AG
- **Dr. Susanne Stark**, Director, Energy Industry Projects, Stadtwerke Düsseldorf

Presenter: **Sabine Drewes**, Department Head for Local Government and Urban Development, Heinrich Böll Foundation

c) **The power revolution – after the nuclear phase-out, the coal exit**
With translation

Over the past 200 years, burning coal brought our civilization progress and prosperity, but also plenty of pollution and greenhouse gas emissions. The time is ripe for a transition to clean sources of energy. Providing them to consumers economically will mean ending coal-based power generation in the medium term. How can coal be phased out in a progressive, economically sustainable and socially just manner? Will there be enough power without it? What will the transition cost? How are energy-intensive industries preparing for it? The panel will start with a ten-minute talk by Michael Vassiliadis and Oliver Krischer.

- **Oliver Krischer**, MP, Deputy Chairperson of the Alliance 90/The Greens parliamentary group
- **Michael Vassiliadis**, Chairman, Union for the Mining, Chemical and Energy industries (IG BCE)

Presenter: **Dagmar Dehmer**, Tagesspiegel

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| 3:00 pm | Coffee break, meet the speakers |
| 3:45 pm | Interview and discussion
Which business model fits to the transition to renewable energy?
Fabio Leoncini , Managing Director, Clean Energy Sourcing/Innowatio GmbH
in conversation with Dagmar Dehmer , Tagesspiegel |
| 4:15 pm | Speech and queries
Climate Protection as a Strategy of Modernisation
Rainer Baake , State Secretary at the Federal Ministry for Economic Affairs and Energy |

4:45 pm Discussion

Demands and projects for energy policy, 2017-2021

The coal phase-out, grid expansion, integrated energy and Europeanization all pose complex challenges for the next legislative period. What exactly are the parties planning? What are the expectations on the part of energy-intensive industries? What do companies in the field of renewable energy expect? What other projects will be needed, and how should they be approached? These issues will be explored by:

- **Dr. Simone Peter**, Chairperson, Alliance 90/The Greens
- **Jochen Flasbarth**, State Secretary, Ministry of the Environment, SPD
- **Dr. Andreas Lenz**, MP, CDU/CSU
- **Ulf Gehrken**, Senior Vice President Corporate Energy & Climate Affairs, Aurubis AG
- **Sönke Tangermann**, Board Member, Greenpeace Energy eG

Presenter: **Ralf Fücks**, Co-President, Heinrich Böll Foundation, Berlin

6:00 pm Wrap-up, followed by dinner and networking

** contacted*

Information

Date and location:

Wednesday, June 28, 2017, from 8:30 am to 6:00 pm

Heinrich Böll Foundation, Schumannstr. 8, D-10117 Berlin, Germany

Languages: English and German with simultaneous interpreting**Further information:****Rita Hoppe**, Project Manager, Ecology and SustainabilityE hoppe@boell.de, T [+49 30 285 34 216](tel:+493028534216)**Contact re. content:** **Dr. Stefanie Groll**, Section Head, Ecology and Sustainability**Registration:**Please complete our online registration form at on.boell.de/baustelleenergiewende.

Registration closes on June 19, 2017.

Registration fee:

€40.00 / €20.00*

*reduced rate for students and recipients of transfer payments

Please transfer the registration fee to the following account by June 14, 2017:

Heinrich-Böll-Stiftung, DE34 1208 0000 4097 7111 00, DRESDEFF120

Re: PBI01567 Baustelle Energiewende

*With kind support from Greenpeace Energy eG and Clean Energy Sourcing/Innowatio GmbH
and NATURSTROM AG*

Note

Please note that photography, video and audio recording for TV and radio broadcasting, as well as for publications of the Heinrich Böll Foundation and its partners, may be taking place during the conference.