

Dresden, 25th November 2019

Call for Papers
ENERDAY 2020 - 14th International Conference on Energy Economics and Technology
Coal-exit and beyond –
Current issues of decarbonization in (East) Germany, Europe, and worldwide

Dresden, Friday, 8th May 2020

Technische Universität Dresden, Faculty of Business and Economics, Dresden, Germany

Subject

The German government plans to phase out coal until the mid-2030s in order to reduce carbon emissions. Other European countries are phasing out coal, too, such as Denmark, the UK, and the Netherlands. At the same time, Germany and most European countries are pursuing ambitious climate targets, in the wake of the Paris climate agreement.

In addition to the many regional aspects of the coal-exit, there are major challenges for the entire energy system, especially with regard to ensuring security of supply. Against the background of the shrinking carbon budget the questions arises whether other carbon emitting technologies can provide meaningful contribution to secure the supply. The coal exit affects not only the energy system, but it also raises important issues for the affected regions, and poses a challenge to economic development and the emergence of new industry branches.

Last but not least the ongoing climate programs merit particular attention, and it is open whether the undertaken measures are sufficient to reduce the greenhouse gas emissions to the specified path in Germany, Europe, and globally. What challenges arise? What are the next steps? What scenarios are to be expected?

The 14th Conference on Energy Economics and Technology (“ENERDAY”) provides a platform for discussing the pressing issues surrounding energy systems, markets and policies, with a special focus on national and international coal exit and decarbonization strategies. Empirical analysis, fundamental modelling approaches, best practice examples and evaluations of policy and market design are of particular interest. Furthermore, local adaptation strategies as well as accompanying measures to increase the acceptance of the coal-exit are important issues. We cordially invite you to submit a contribution and look forward to engaging presentations and fruitful discussions. Papers may be theoretical or of an applied nature, and should address the following issues:

I. Cross-sectional topics

- **Energy and climate**, e.g. assessing European climate/energy policy goals and achievement levels, interactions between policy instruments across Europe, regulation of non EU ETS sectors, etc.
- **Energy security**, e.g. adequacy and energy security as public good, fluctuating renewable energies, coal-exit, capacity mechanisms, etc.
- **Energy efficiency**, e.g. efficiency benchmarking, best practice examples, self-supply, social norms to increase energy efficiency, counteracting rebound effects, energy management systems, RES in industry etc.
- **Local aspects**, e.g. alternative utilization concepts of power plant sites, analysis of the regional impact of the coal-exit, concepts for accompanying measures, local adaptation strategies, etc.

II. Sectoral analyses and case studies

- **Electricity sector**: carbon price developments, renewable support schemes and pricing, infrastructure investments, etc.
- **Heating sector**: climate policy instruments, promotion of renewables in the heating sector, efficiency measures, etc.
- **Transport sector**: CO₂-emissions and benchmarks, hydrogen, electric mobility, new concepts and business models, etc.
- **Natural gas and oil sector**: price developments and infrastructural analysis, inner-European markets, Energy Union, etc.

Paper Proposals

Please send an extended abstract (one page, about 300 words, in English, including a short CV) by **16th February 2020** as a Word file to: enerday@ee2.biz. You will receive an acceptance confirmation by **2nd March 2020** at the latest. Accepted abstracts will be printed in the Conference Book of Abstracts. A full version of the paper and presentation have to be submitted by **17th May 2020** if you would like both to be published on the website in the aftermath of the conference.

Date and Venue

The conference will take place on **8th May 2020** at the Messe Dresden with a pre-conference dinner on 7th Mai 2020 in the city of Dresden. All participants are required to register as users in the conference tool on our website. Please note the registration fee specified on the website of the conference registration tool which will be unlocked shortly.

Contact

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Organizing Institutions

The Chair of Energy Economics (EE²) at TU Dresden specialises in the techno-economic analysis of energy systems and markets. DIW Berlin, the German Institute for Economic Research, is one of the leading economic research institutes in Germany, carrying out fundamental research and policy advice, e.g. on transport, energy and environmental economics. The Workgroup for Infrastructure Policy (WIP) at Berlin University of Technology focuses on organizational models, financing and regulation of infrastructure sectors, mainly transport and energy. The Gesellschaft für Energiewissenschaft und Energiepolitik e.V. (GEE) is the German Chapter of the International Association for Energy Economics (IAEE).