

Dresden, December 2018

Call for Papers

ENERDAY 2019 - 13th International Conference on Energy Economics and Technology ***Low-Carbon Energy System Transformation: Setting the Course for the Next Decade***

Dresden, Friday, 12th April 2019

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

Subject

Europe has committed itself to ambitious climate policy targets. With the year 2020 right around the corner and new regulatory reforms set to take effect in the coming decade, it is an important point in time to make a critical assessment of the current challenges facing the low-carbon energy system transformation and to put forward policy insights and discuss potential course corrections. With this in mind, this year's ENERDAY conference is devoted to discussing the existing set of climate policy instruments and their effectiveness in the context of current challenges for the energy system. A special focus is given to carbon prices and the effectiveness of the EU ETS as well as climate policy instruments in non-ETS sectors. Overarching topics include: how well are climate policy instruments in the individual energy sectors working?, how should the reforms made to the EU ETS be assessed and what effect will they have on carbon prices?, are national climate policies and their instruments a hindrance or a help to target achievement?, how can decarbonisation policies in non-ETS sectors, e.g. heating, transport, be effectively implemented?

The 13th 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 "assessing the state of the low-carbon energy system transformation". Empirical analysis, fundamental modelling approaches, best practice examples and evaluations of policy and market design are of particular interest. A special emphasis is placed on intensifying dialogue on techno-economic issues and perspectives. 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 policy target achievement and strategies**, e.g. assessing European climate/energy policy goals and achievement levels, interactions between policy instruments across Europe, regulation of non EU ETS sectors
- **European and national climate regulatory regimes**, e.g. effectiveness of the EU ETS, assessment of reforms and carbon price developments, overlapping regulatory regimes and implications, regulation of non-ETS sectors
- **Energy security and climate policy**, 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, concepts and visions towards a 2000 Watt society, energy management systems, EE in industry etc.
- **End consumers**, e.g. energy conservation and efficiency measures, smart homes and smart tariffs, self-supply, new mobility, concepts and technologies, 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 **1st February 2019** as a Word file to: enerday@ee2.biz. You will receive an acceptance confirmation by **15th February 2019** 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 27th April 2019 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 **12th April 2019** at the Messe Dresden with a pre-conference dinner on 11th April 2019 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).