

Dresden, November 2017

Call for Papers

ENERDAY 2018 - 12th International Conference on Energy Economics and Technology Market and Sector Integration – National and European Perspectives

Dresden, Friday, 27th April 2018

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

Subject

Europe has committed itself to ambitious climate policy targets. With the year 2020 fast approaching, it is an important juncture to conduct a preliminary evaluation of the target achievement across Europe and determine what energy policy measures and strategies need to be taken to put Europe on track to reach the policy goals set for 2030. Against this background, this year's ENERDAY conference is devoted to discussing the fundamental issues facing market and sector integration in Europe, including: how well are European markets integrated and which challenges are still to overcome?, what role does sector coupling play with regard to electricity systems, the integration of renewables and the targeted policy goals?, how well is the system integration of renewables working and how best can this be achieved?, what energy efficiency measures should be taken and which barriers still need to be overcome?, how can flexibility on the demand side be leveraged and which regulatory issues need to be resolved?

The 12th 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 "*system, market and sector integration from a national and a European perspective*". 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 invited 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 policy target achievement and strategies**, e.g. assessing European climate/energy policy goals and achievement levels, interactions between policy instruments across Europe, strategies for reforming/fine-tuning policy instruments, etc.
- **European market integration and regulatory issues**, e.g. measuring European market integration, network expansion measures, impacts on energy/climate policy, regulatory hurdles for integration, etc.
- **Sector coupling** - convergence of electricity, heat and gas markets (power to gas, power to heat), etc., decarbonisation pathways (green gas vs. all-electric), economic viability of storage technologies, infrastructure requirements, etc.
- **Energy efficiency**, e.g. efficiency benchmarking, best practice examples, self-supply, social norms to increase energy efficiency, concepts and visions towards a 2000 Watt society, energy management systems, EE in industry etc.
- **Flexibility and demand response**, e.g. demand side management and its potentials, contribution of demand flexibility to the integration of renewables, smart meters and smart demand, role of the demand side in the energy market, etc.,

II. Sectoral analyses and case studies

- **Electricity sector**: investments in infrastructure, reserve, capacity markets and adequacy, congestion management, etc.
- **Heating sector**: promotion of renewables in the heating sector, efficiency measures, combined heat and power, etc.
- **Transport sector**: hydrogen, electric mobility, traditional fossil fuels, new mobility concepts, etc.
- **Natural gas and oil sector**: price developments and infrastructural analysis, inner-European markets, Energy Union, etc.
- **Sector coupling**: case studies and practice examples, etc.

Paper Proposals

Please send an extended abstract (one page, about 300 words, in English, including a short CV) by **2nd February 2018** as a Word file to: enerday@ee2.biz. You will receive an acceptance confirmation by 23rd February 2018 at the latest. Accepted abstracts will be printed in the Conference Book of Abstracts. A full version of the paper and presentation can be submitted by 8th April 2018 to be published on the website.

Date and Venue

The conference will take place on 27th April 2018 at the Technische Universität Dresden with a pre-conference dinner on 26th April 2018. 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 tool.

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).