

## MultipleEE Scientific Workshop 2021: Governing the spatial deployment of renewable energies – Impacts, trade-offs and policy instruments

April 14<sup>th</sup> – 16<sup>th</sup>, 2021 | Leipzig, Germany | Abstract Submission: Sep 15<sup>th</sup>, 2020

### Background and Aims

Many countries worldwide aim at climate neutrality by 2050. A key strategy to achieve this goal is the use of renewable energy sources (RES), like wind energy, photovoltaics and bioenergy. However, the deployment of RES technologies produces sustainability impacts and trade-offs: While contributing to the mitigation of climate change, RES deployment also generates energy system costs and may adversely affect human well-being and biodiversity. These impacts and trade-offs are heterogeneous in space and time and need to be considered carefully when siting RES plants.

The MultipleEE Workshop thus seeks to explore policy strategies to govern the sustainable spatial allocation of RES deployment. For this purpose, it aims to discuss both spatial impacts and trade-offs of RES deployment as well as policy instruments to address them. Policy instruments under consideration may range from market-based approaches to spatial planning and regulatory law. The workshop also strives to synthesize lessons learnt and to identify avenues for future research.

### Specific Research Topics

We invite empirical and theoretical submissions motivated by one or several of the following research topics:

- Spatial impacts and trade-offs of renewable energy deployment (e.g., energy system

costs, environmental impacts, distributional concerns)

- Designing policy instruments to address spatial trade-offs, including comparative international policy analyses
- Coordination of renewable energy policies across different levels of government (supranational, national, regional, local)
- Dealing with spatio-temporal dynamics and uncertainties in regulation

Contributions from a broad range of disciplines are welcome, including environmental sciences, economics, law, political science, spatial planning, geography, and energy system analysis.

### Keynote Speakers

- Dr Rainer Baake  
Economist, Former State Secretary at the Federal Ministry for Economic Affairs and Energy (requested)
- Prof Brett Day  
Economist, University of Exeter
- Prof Christina von Haaren  
Landscape planner, Leibniz University Hannover
- Prof Gundula Hübner  
Psychologist, Medical School Hamburg

### Format and Submissions

This workshop will bring together a focused group of approximately 30 researchers from different disciplines, including invited keynote speakers. Presentations are complemented by



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## Call for Abstracts

discussants and will take place in parallel sessions or egg timers. In addition, interactive exchange formats will provide a stimulating environment for productive discussions and the development of new research ideas. The workshop language is English.

Extended abstracts (PDF file, max. 2 pages excluding references) can be submitted until September 15<sup>th</sup> via [www.ufz.de/multiplee2021](http://www.ufz.de/multiplee2021). All abstracts will be reviewed. The papers will be selected based on their scientific quality, originality, and how closely they relate to the main workshop themes. We also strive for a balanced mix of genders, senior and junior researchers, and international backgrounds. There is no attendance fee.

We intend to publish a selected choice of papers presented at the workshop in a special issue of an international, peer-reviewed journal.

### Venue and Travel

The workshop will take place at the [KUBUS event center at the Helmholtz Centre](#) for Environmental Research - UFZ in Leipzig.

### Preliminary Program

Wednesday, April 14<sup>th</sup>, 2021

Afternoon Kick-off of scientific program and welcome reception

Thursday, April 15<sup>th</sup>, 2021

Full day Scientific program: Keynotes and paper presentation

Friday, April 16<sup>th</sup>, 2021

Morning Scientific program, plenary and closure

1 pm End of workshop

More details will be provided in advance.

### Hosts

The workshop is organized by the research group [MultipleEE](#) – Sustainable deployment of renewable energies with multiple environmental impacts – Policy strategies to address environmental trade-offs of the German energy transition.

### Local Contact

Jun. - Prof. Dr. Paul Lehmann

Mail: [lehmann@wifa.uni-leipzig.de](mailto:lehmann@wifa.uni-leipzig.de)

Phone: +49 - 341 33 614

Antje Nieber

Mail: [nieber@wifa.uni-leipzig.de](mailto:nieber@wifa.uni-leipzig.de)

Phone: +49 - 341 33 608

### Important Dates

- Submission of extended abstracts due: September 15<sup>th</sup>, 2020
- Notification of acceptance: November 18<sup>th</sup>, 2020
- Submission of full papers and registration due: March 1<sup>st</sup>, 2021



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