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# Boosting flexibility in distribution grids

## How to overcome challenges in distribution grids during the energy transition

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Wednesday, 10. April 2024, 13:00–15:00 Uhr

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online

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**The EU has set itself a binding target to reduce greenhouse gas emissions by 55 percent by 2030 and become climate neutral by 2050.** The targets require a drastic acceleration of renewable energy production, including for covering a growing demand from heat pumps, electric vehicles and electrified industrial processes. Most of the new generators and consumers will be connected to the distribution grids which were historically not dimensioned for such increased loads. Consequently, the grids are expected to be more frequently congested.

Electric cars, heat pumps and home storage systems can help overcome this challenge and maximise the potential for renewables deployment. They make the system much more flexible by shifting production and consumption to times when sufficient network capacity is available. Utilising those flexibilities can enable connecting new grid users faster and thus reduce investment needs in the long run.

The webinar will present key findings and recommendations by Agora based on research carried out by DNV, and another Agora publication looking at how household flexibilities such as EVs and heat pumps can reduce electricity costs for all. We will discuss these topics with stakeholders representing regulators, distribution system operators, the renewable electricity generation sector and DNV.

### Registration

The participation in the Live-Stream via Zoom is free of charge. Further information including the registration link can be found on our website: <https://www.agora-energiewende.org/news-events/boosting-flexibility-in-distribution-systems>

### Publication of the recording

The Live-Stream will be published on our website and YouTube.

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## Programme

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**13:00**      **Welcome & introduction**

**Kaisa Amaral**, EU Communications Lead, Agora Energiewende  
**Alexander Dusolt**, Senior Associate, Agora Energiewende

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**13:15**      **Boosting flexibility in distribution grids: Challenges and solutions; barriers and recommendations**

**Rogier Roobeek**, Consultant, DNV  
**Elisa Anderson**, Consultant, DNV

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**13:35**      **Deep Dive: The potential of dynamic time of use tariffs in Germany**

**Katrin Schaber**, Project Lead, Agora Energiewende

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**13:45**      **Q&A Session**

**Moderation: Kaisa Amaral**, EU Communications Lead, Agora Energiewende

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**14:00**      **Panel discussion: Perspectives on distributed flexibility**

**Moderation: Alexander Dusolt**, Senior Associate, Agora Energiewende

**Santiago Gallego Amores**, Networks Regulation Manager, i-DE (Iberdrola)

**Judit Krajcs**, International Electricity Expert, Hungarian Energy and Public Utility Regulatory Authority

**Naomi Chevillard**, Head of Regulatory Affairs, SolarPower Europe

**Hans de Heer**, Principal Consultant & Business Lead, DNV

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**14:40**      **Q&A Session**

**Moderation: Alexander Dusolt**, Senior Associate, Agora Energiewende

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**14:50**      **Wrap up**

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