

FLEX-ERGY 2019: EUROPEAN ROUNDTABLE MEETING ON FLEXIBLE ENERGY SYSTEMS

Date: 5-6 March 2019

Location: E.HUB

Sundkaj 7, 2. tv. 2150 Nordhavn

Copenhagen, Denmark

Attendance: Invitation only

- New market arrangements and mechanisms for flexibility
- Interoperability between energy services, technologies and consumers
- Flexibility through sector coupling
- Consumer preferences, choice and protection
- Data governance

The digitalisation of the energy system is recognised as an essential enabler for the low carbon transformation of the global electricity system that is well underway. However, while smart grid and storage technologies coupled with digital platforms have begun to enable greater agility and reliability on the grid, the decarbonisation potential from a widespread deployment and integration of demand-side flexibility options on a systems level have yet to be realised.

To unlock the benefits of smart grid innovations and new data-driven business models, more attention is needed on understanding *how* (as opposed to *what*) the digital infrastructure and physical infrastructure will converge on a systems level and *how* to design an open, adaptable and dynamic innovation ecosystem based on a governance structure and market design that enables entries of new innovations and market actors, as well as technological and commercial (i.e. B2B co-design) interoperability.

Agenda

The FLEX-Ergy 2019 roundtable meeting will bring together key public and private sector actors from across Europe working on the digitalisation of the energy system to enable demand-side flexibility on the grid and beyond and improve consumer outcome, with the aim to i) catalyse knowledge-transfer between different European pilot/ demonstration projects and living labs, ii) explore avenues to translate and scale-up methodologies and findings across borders, iii) facilitate new collaborative research and innovation programmes and projects, and identify and harmonise digital energy sector challenges and needs shared across countries in order to ultimately inform market and the design of new policy and regulatory frameworks.



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