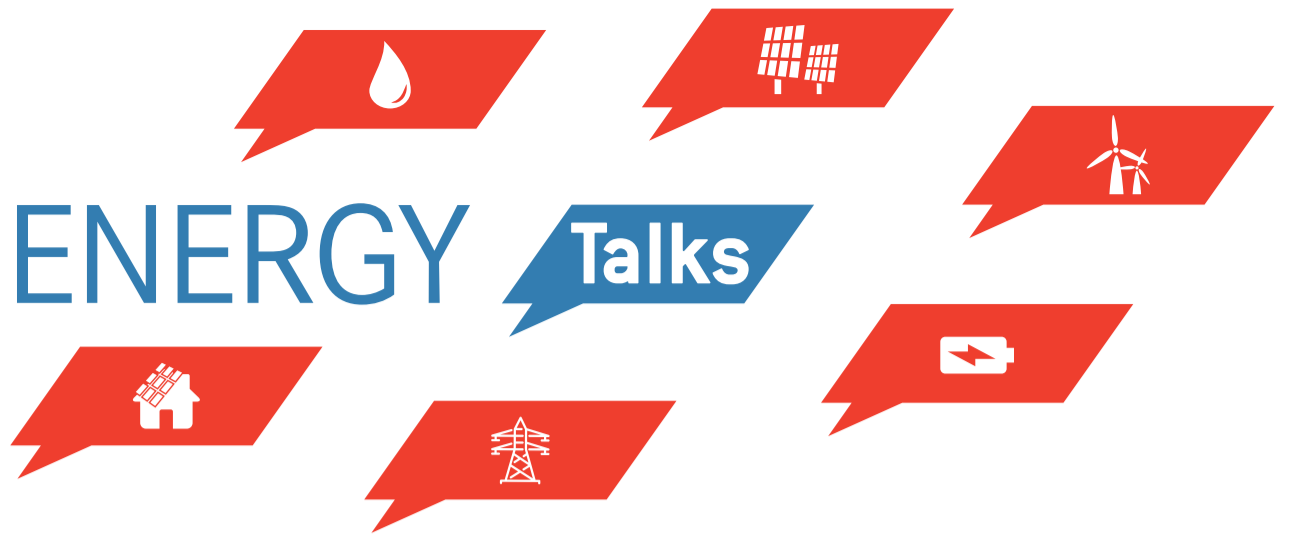


# JARA|ENERGY Talks



## Digital Energy in Support of Cross-Sector Decarbonisation

Rolf Riemenschneider, Head of Sector IoT at European Commission

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Decarbonisation, electrification, sector integration and decentralisation of the energy system all require a tremendous effort in digitalisation of electricity grids. The energy crisis and climate change make the decarbonisation of society and the integration of renewables into an overall energy system unavoidable. A digital strategy on data spaces encompasses coupling of sectors like energy, mobility, living etc..

The European Commission has promoted the deployment of the Digitalisation of Energy Action Plan (DoEAP), in order to develop an efficient, competitive market for a digital energy infrastructure and digital energy services that are both cyber-secure and sustainable. Data exchange is crucial for emerging energy data services across different sectors like energy, mobility and buildings. The deployment of digital enablers like the emerging energy and mobility data spaces, integration of AI, as well as emerging energy-efficient edge computing infrastructures from cloud to edge to smart IoT nodes could all give a boost for the green and digital transition. Novel concepts like the grid edge enables smart, connected infrastructures to be installed at or near the “edge” of the electric power grid.

The talk covers the innovation in the area of Digital Energy in support of cross-sector decarbonization, which includes project under Horizon Europe and under the Digital Europe Programme.

Thursday, 20. June 2024

Online via Zoom

- 17:00 Uhr Welcome by  
Prof. Antonello Monti
- 17:05 Uhr Speech by  
Rolf Riemenschneider
- 18:00 Uhr Discussion



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Participation is free of charge