

# **The role of energy demand and services in climate stabilization**

## **Based on the findings of the IPCC's Sixth Assessment Report**

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### ■要旨／Abstract

The IPCC's Sixth Assessment Report for the first time devoted a dedicated chapter to energy demand and services. The talk discusses how demand-side changes alone could reduce emissions by up to 70% if we focus on delivering services rather than kWhs, how much individuals and corporations can contribute, and how their transformation needs to be facilitated by technology access, infrastructures, right service provisioning systems, information and incentives. The presentation will present the various ways how digitalization affects energy demand, and whether the circular economy is a key solution to climate change mitigation. Finally, we show that pathways emphasizing energy demand side solutions will have more and stronger co-benefits with SDGs than those targeting the supply side.