

Reference: Building Resilient Energy Systems: Actions for Achieving Greater Energy Security, Affordability and Net-zero in the UNECE Region (Page 14); URL: [ref]

© Institut for Energy Efficiency in Production EEP / Fraunhofer IPA

Tenth session of the Group of Experts on Energy Efficiency





University of Stuttgart Institute for Energy Efficiency in Production EEP

## Systemic efficiency

## Systemic efficiency involves ...

- Integrated Approach: Systemic efficiency requires an integrated approach considering the entire energy system
- Energy Efficiency: Involves reducing energy consumption and optimizing resource use across different sectors and processes
- Load Profile Management: Managing the load profile of the energy system
- Infrastructure Investment: Improving the efficiency of energy use, less energy is wasted, and the overall demand for energy infrastructure can be reduced
- Social and Environmental Benefits: Can lead to lower energy costs, reduced greenhouse gas emissions, improved air quality, and increased energy security

Reference: Building Resilient Energy Systems: Actions for Achieving Greater Energy Security, Affordability and Net-zero in the UNECE Region (Page 14); URL: [ref]

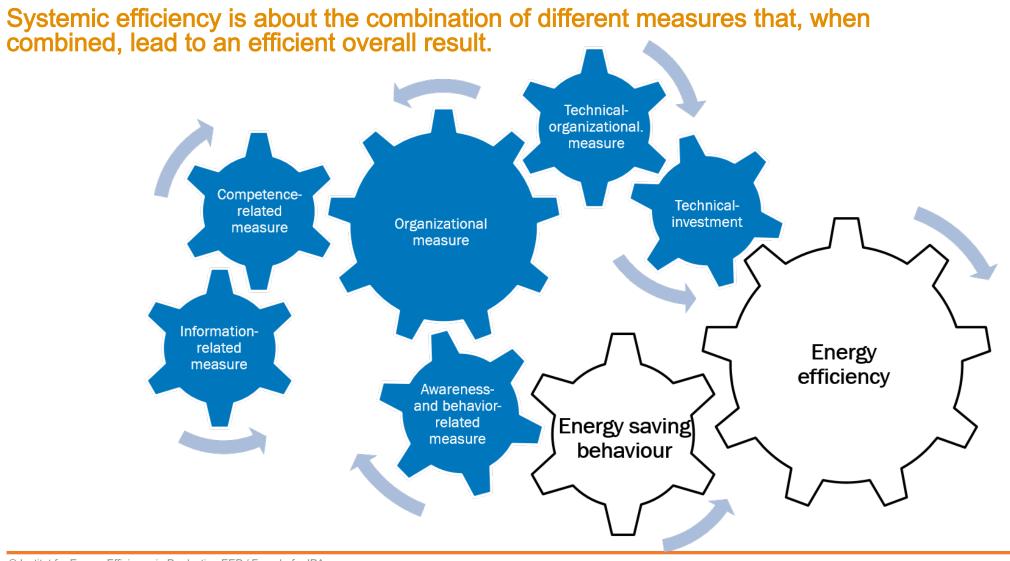
© Institut for Energy Efficiency in Production EEP / Fraunhofer IPA

Tenth session of the Group of Experts on Energy Efficiency





## Systemic efficiency needs more than technology



© Institut for Energy Efficiency in Production EEP / Fraunhofer IPA

Tenth session of the Group of Experts on Energy Efficiency





University of Stuttgart Institute for Energy Efficiency in Production EEP