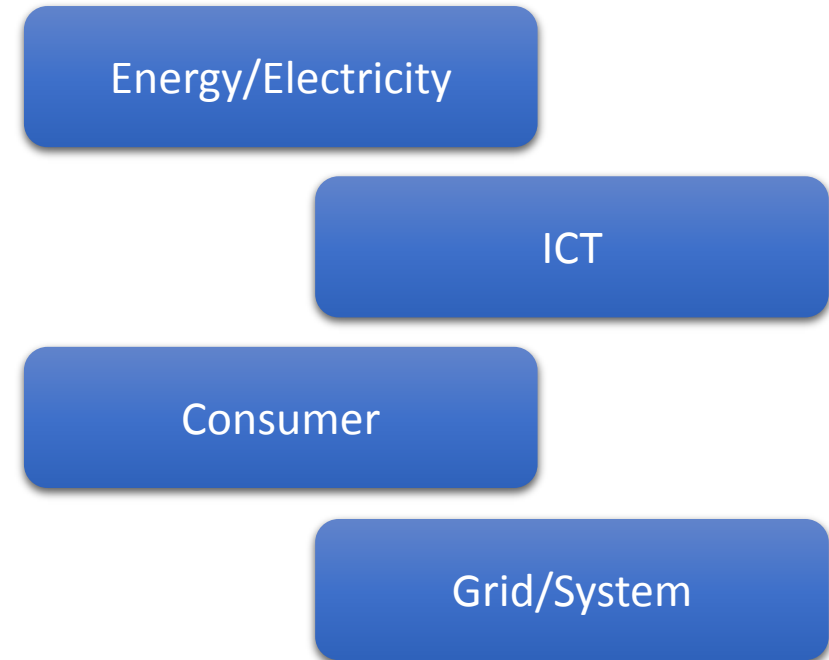
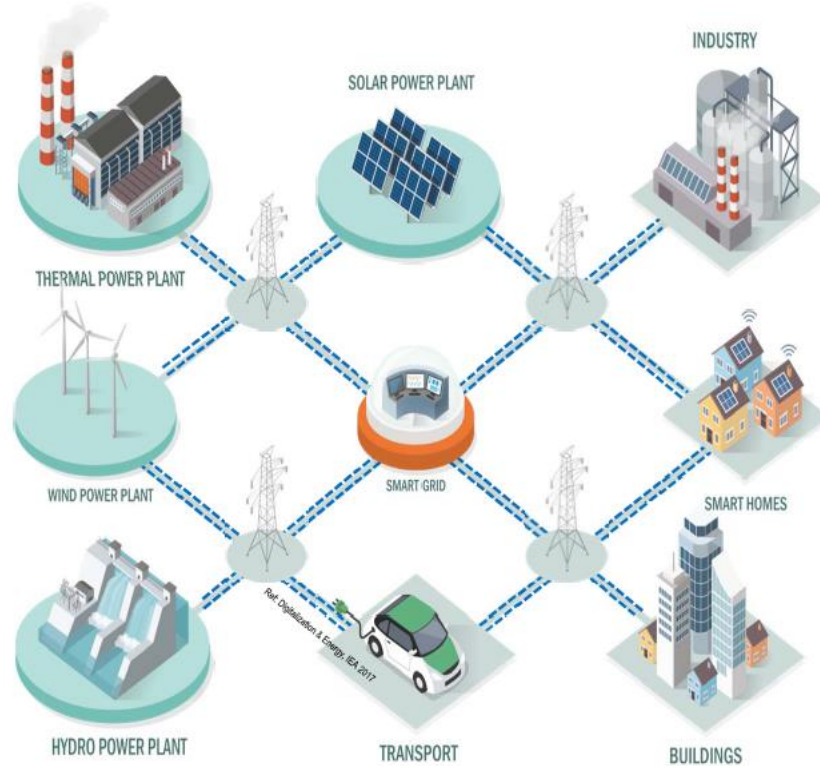


Coordinated System Management & TSO-DSO Interaction

Santiago Marin, ENTSO-E

An Integrated system approach

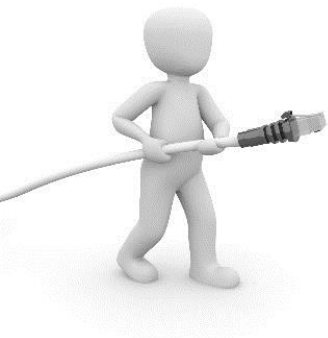


Digital technologies enable a multi-directional and highly integrated energy system

➔ Connect the dots and enhance flexibility services

Bringing together flexibility providers and flexibility users

Which services? How to foster new actors participation and value them?



Technical and economical features

A cooperation creating value for the customer



Extended **data exchange**, enhanced **observability and controllability**, right level of **transparency**

Enable **efficient use of flexibilities** for **congestion management** on the grids and for **balancing of the power system**

Facilitating markets and designing products for flexibility together with customers, aggregators, suppliers, traders, DSOs, TSOs

4th Industrial Revolution = networks based

