



Digitalization

Why infrastructure ?
We need apps



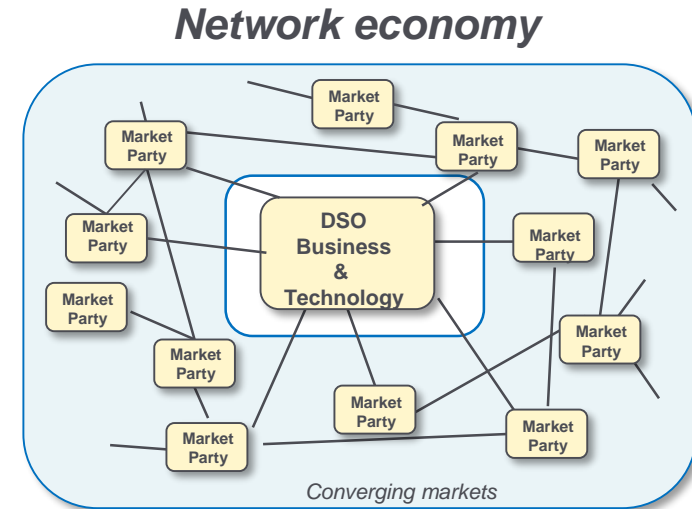
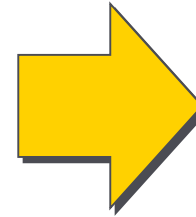
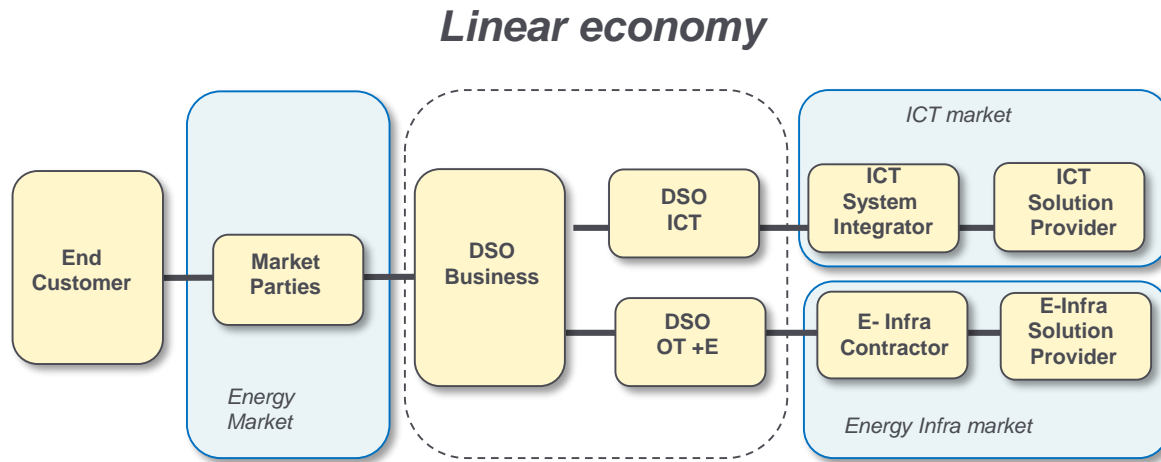
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Digitalization

Transforming from a linear to a networked economy



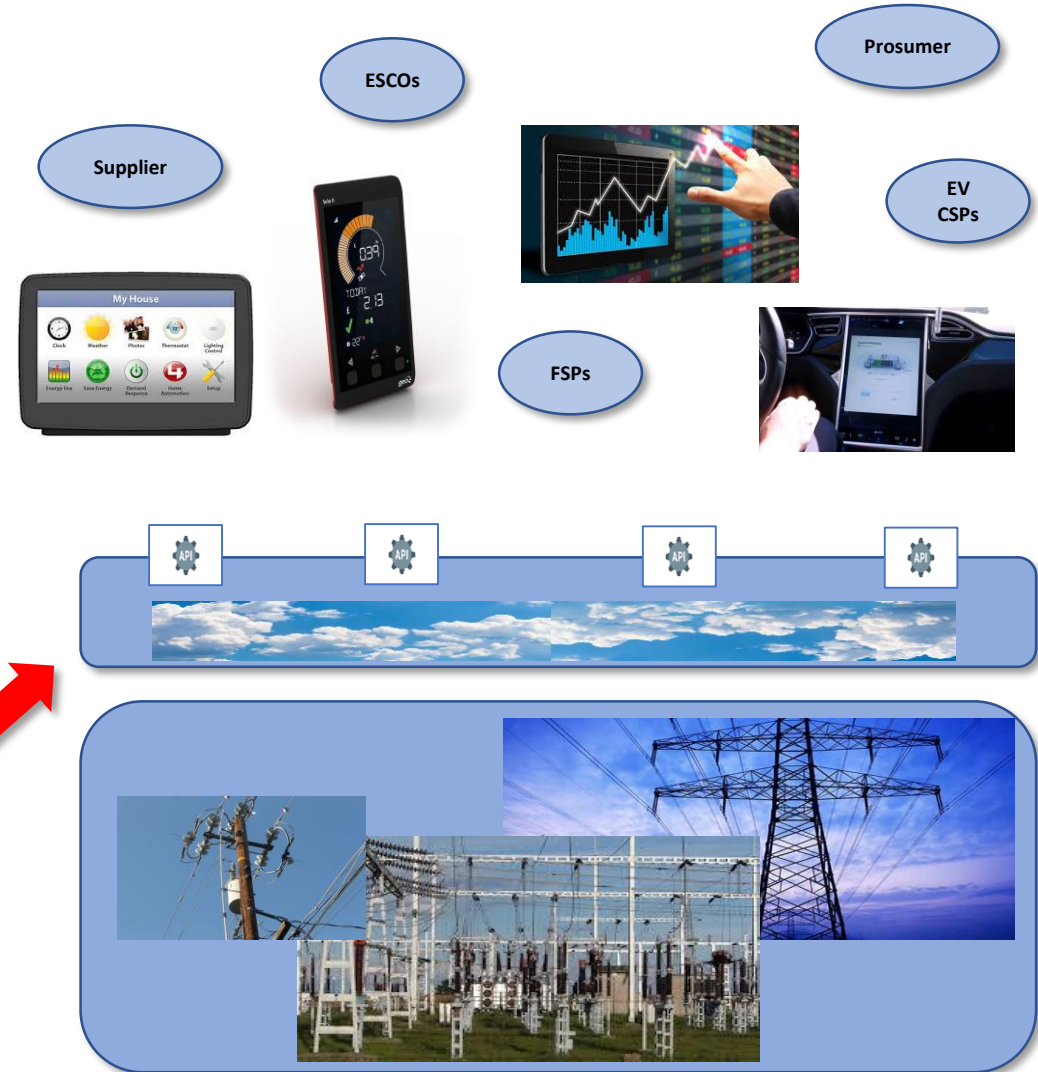
- Actors will play **multiple roles** in the values chain:
- Business & ICT markets **converge** (supplier becomes a service provider)
- **Innovation** occurs in the edge (as in telecoms)
- **Focus Shift** to a digital world: 100% digital business transactions.
- Digitalization is a **key success** factor for successful energy transition
- **DSO has to position itself in the Digital ecosystem**

DSO in the digital ecosystem

The Grid as a platform



**DSO need a platform
to facilitate the energy
services markets**



Points for the debate

Do we still agree on a “One System” approach ?

The platform is needed for:

- Collection & distribution of RT data
- Interaction with markets on system level

→ DSO & TSO separately or jointly ?

→ Fight or collaborate ?

Collecting data and system interactions “behind the meter”

- Emergence of parallel infrastructure in the commercial domain ?

or

- Facilitating data collection and conveying control signals for market parties by grid operators ?

