

Electricity System Development: A focus on Smart Grids

Group of Experts on Energy Efficiency
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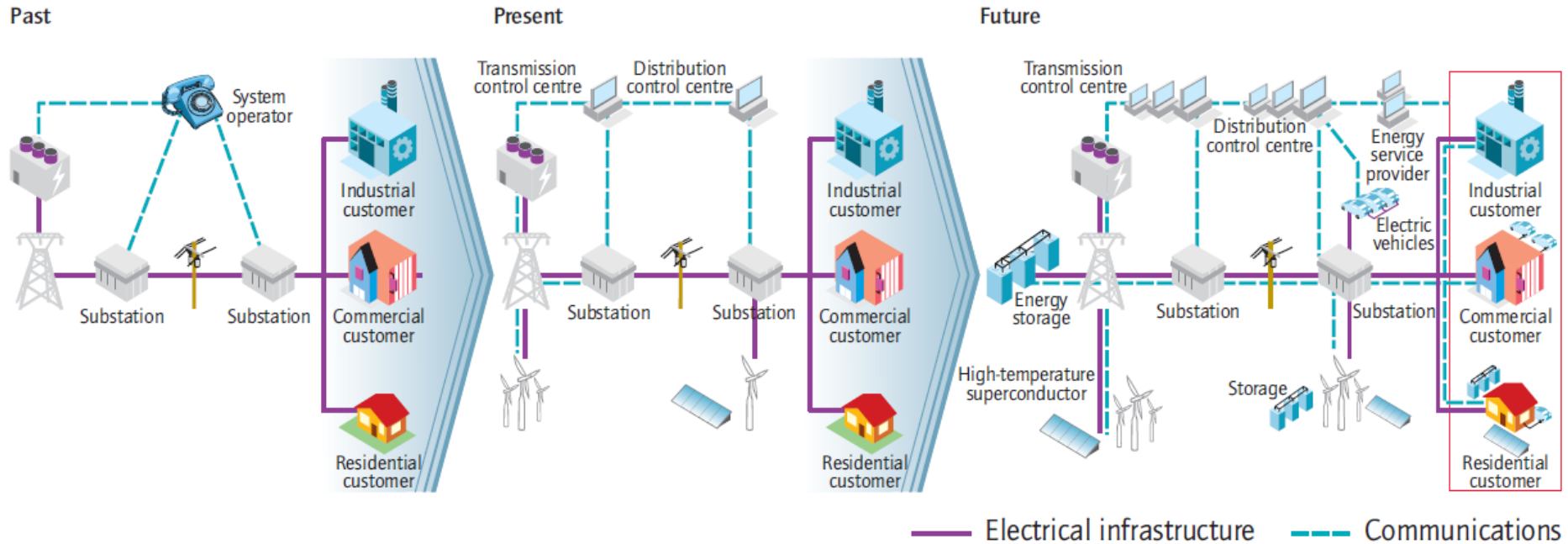


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Three Key Points on Smart Grids

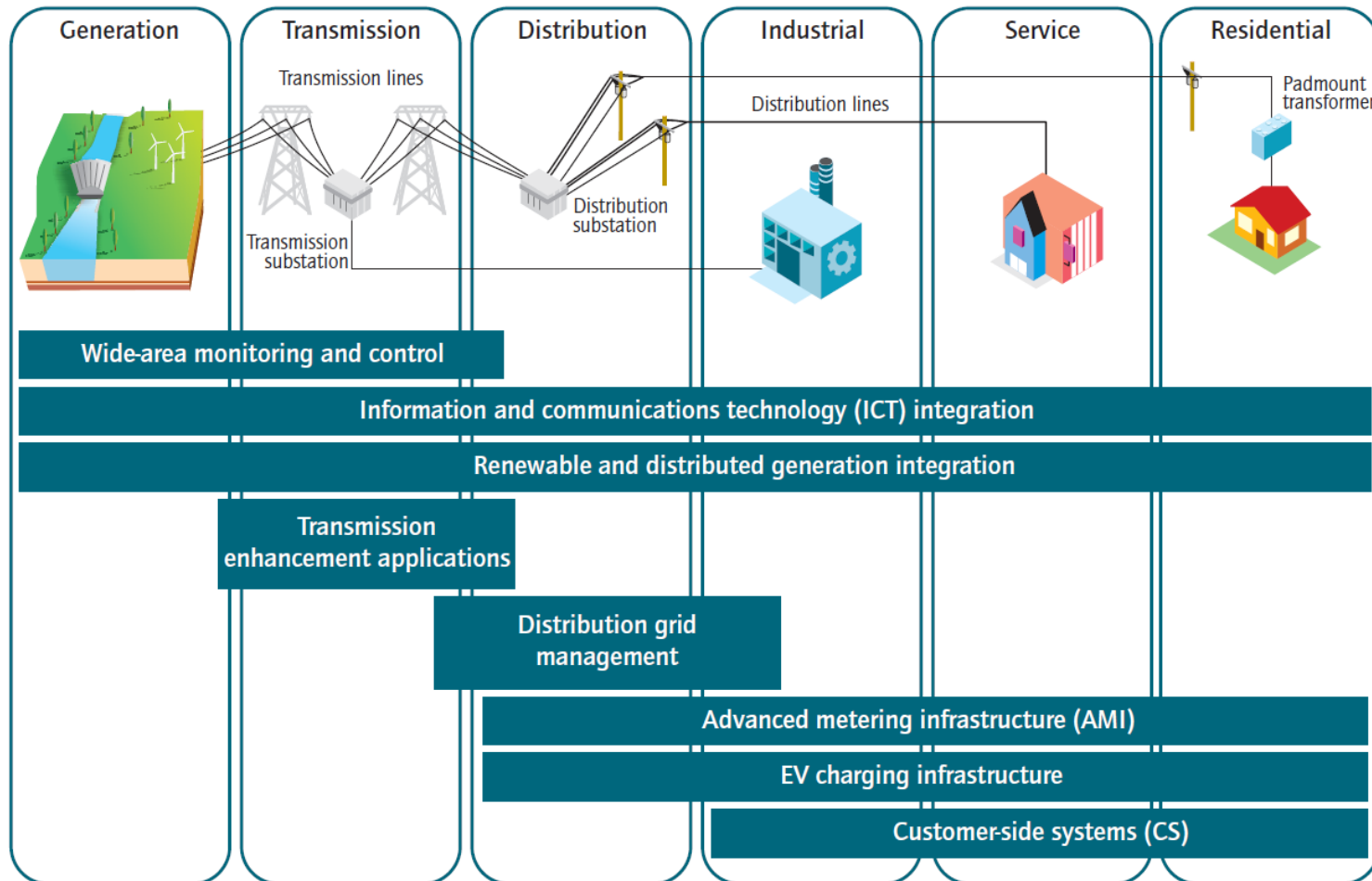
- Evolving Electricity Systems
- Smart Grids across the electricity system
- Options for UNECE Engagement

Electricity Systems are evolving



Smartening the grid is not a one time event

Smart Grid Technologies



Source: Technology categories and descriptions adapted from NETL, 2010 and NIST, 2010.

Smart grid technologies are applied across the entire electricity system

UNECE Engagement on Smart Grids

- Survey of member countries for electricity system development and smart grid efforts
- Analysis of electricity generation and demand of UNECE sub-regions
- Outline cross-cutting linkage across UNECE CSE Groups of Experts
- Membership of UNECE SED in the International Smart Grid Action Network (ISGAN)
- Country specific analysis on electricity system development and smart grids in partnership with other stakeholders.