Delivering the 2020 Customer Vision – Presentation of actions by Supporters

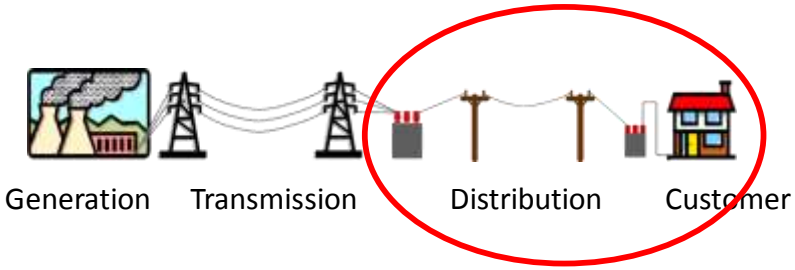
CEER 2014 Customer Conference,
June 18th, Brussels

Per-Olof Granström,
EDSO for Smart Grids

EDSO – European Distribution System Operators for Smart Grids

Leading the cooperation for the Electricity networks of the future

Bringing Smart Grids from vision to reality



EDSO for Smart Grids – activity overview

European Electricity Grid Initiative

Smart Grid technology platform

Horizon 2020 roadmap

Smart Grid task force

Smart Grid standardisation

Network Codes

Smart Cities Stakeholder Platform

Florence & London forums

Global Smart Grid Federation

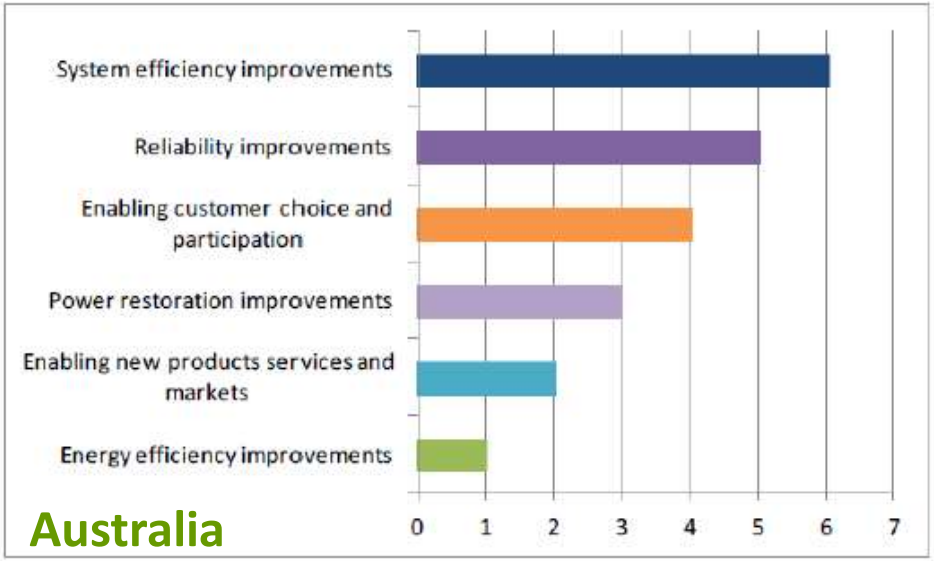
GRID+ EU projects; map, label, KPI, finance

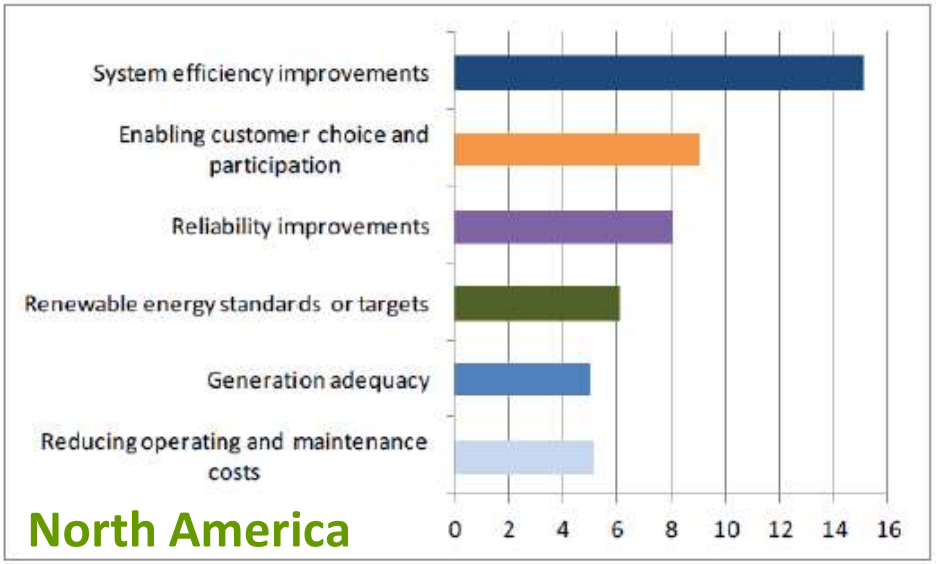
Meter-ON Smart metering knowledge sharing

evolvDSO The new role of the DSO

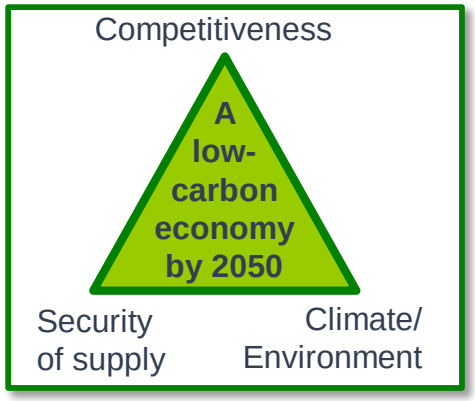
REserviceS ancillary service wind, solar PV

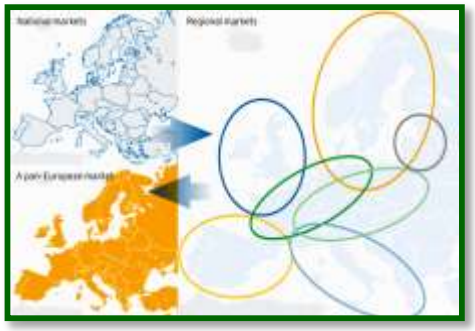
Smart grid technology investment drivers





EU policy – drivers and investment needs





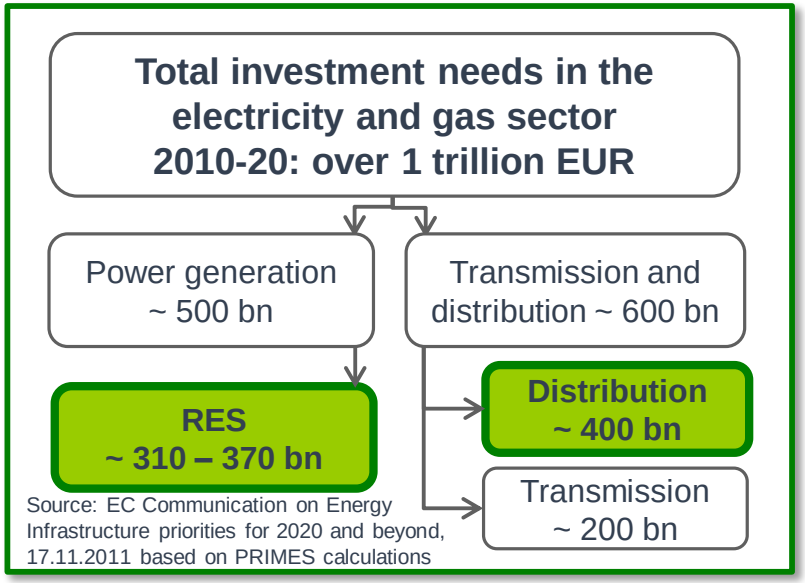
Strong European drivers

- EU 2020, 2030, 2050 objectives
- Market deregulation and integration

European market design is different

- Retail market competition
- Unbundling Generation/Supply <> Distribution

Huge investment needs



Source: EC Communication on Energy Infrastructure priorities for 2020 and beyond, 17.11.2011 based on PRIMES calculations

Strong DSO contribution to RASP-principles

A basis for smart grid development

- Security of supply and quality of service
- Smart grids, the cost–efficient way
- Work in progress on simplicity
- To protect and empower – a cornerstone

Contribution on a daily basis

- Key input on energy systems and markets
- Market facilitation: Flexibility, Data management, TSO-DSO, …
- Innovation involving RASP
- Knowledge sharing
- **EDSO-ESMIG consumer information campaign**
- …

GRID+, Meter-ON, REserviseS, evolvDSO, GRID4EU, Jouw Energie Moment, Watt et Moi, ADVANCED, DISCERN, SuSTAINABLE, Promoting Energy Efficiency in Households, iGreenGrid, …

Consumer awareness – benefits of smart meters and grids

- Consumers see costs, but benefits?
- Awareness, education, engagement => understanding, trust and consent
- Responsibility of all stakeholders to inform

Online information tool

- What is a smart grid/smart metering, what they can do for us?
- FAQ/ concerns/ myths

EDSO
for smart grids

Thank you for listening!

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