

The Energy Union Conference

A competitive and completed internal energy market

Riga, 6 February 2015

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Vice-Chairperson of the Board



ENTSO-E's contribution to the 5 dimensions of the Energy Union



41

TSOs
from 34 countries

Adequacy forecasts



530

million
citizens served

Ten-Year Network
Development Plans



830

GW
generation

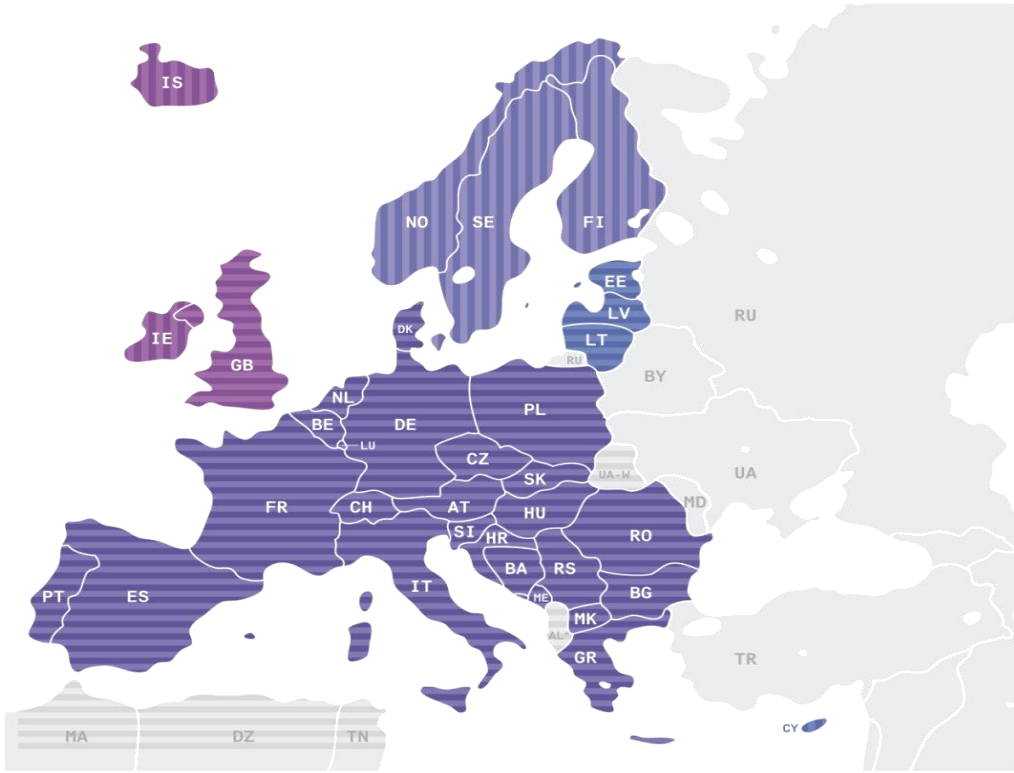
Market Platforms



300

Thousand Km
of transmission lines

Network Codes



We will invest €150bn towards 2030, but we need stable regulatory framework and permissions

TYNDP 2014:

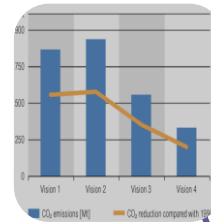


25 000 km DC lines/cables



30 000 km overhead lines

TYNDP enabling:



20% CO2 reduction in the power sector



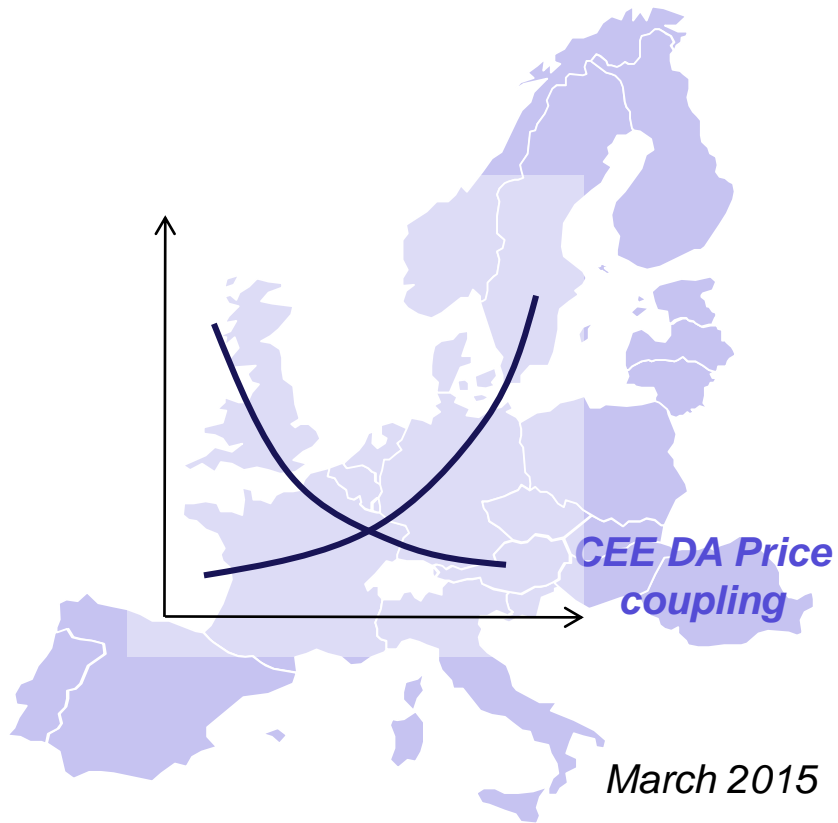
60% RES of total consumption



Power price reduction up to 5 €/MWh

Market Coupling of Regions

- The largest multinational power market in the world



- ✓ One daily auction, involving 23 TSOs and 5 PXs
- ✓ 4 TWh daily
- ✓ 85% of European consumption
- ✓ Estimated benefit 3 B€ annually

The next steps towards a genuine Energy Union

Facilitate Member States' energy-mix coordination at regional level

Establish markets across all timeframes

Implement the Network Codes

Facilitate infrastructure investments

Define co-ordination mechanisms in energy scarcity situations