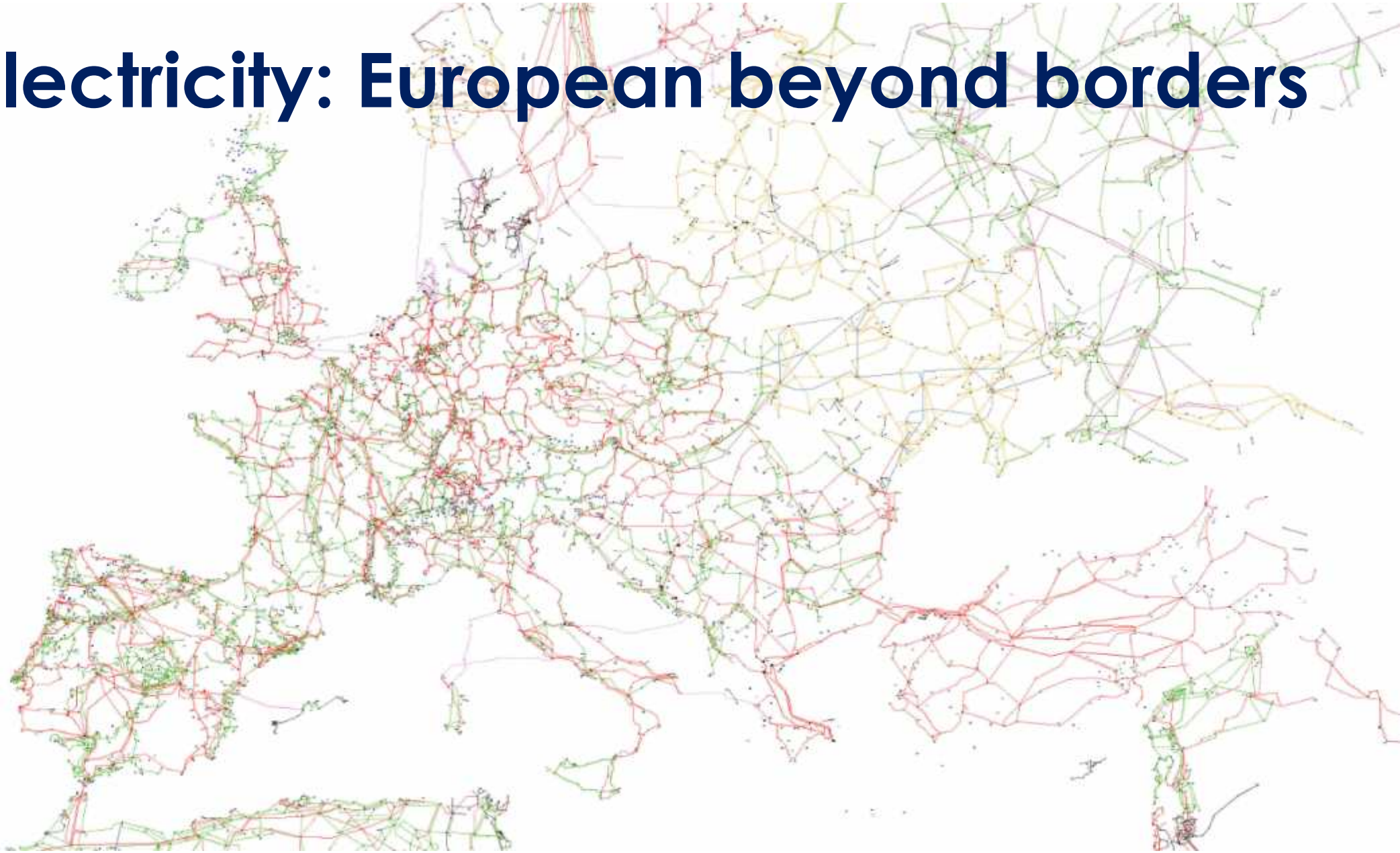


Energy Market Design for the Future. What Changes Are Needed?

Dr. Susanne Nies
Corporate Affairs Manager, ENTSO-E

Public Hearing
Clean Energy for All Europeans
22 March 2017, European Parliament

Electricity: European beyond borders

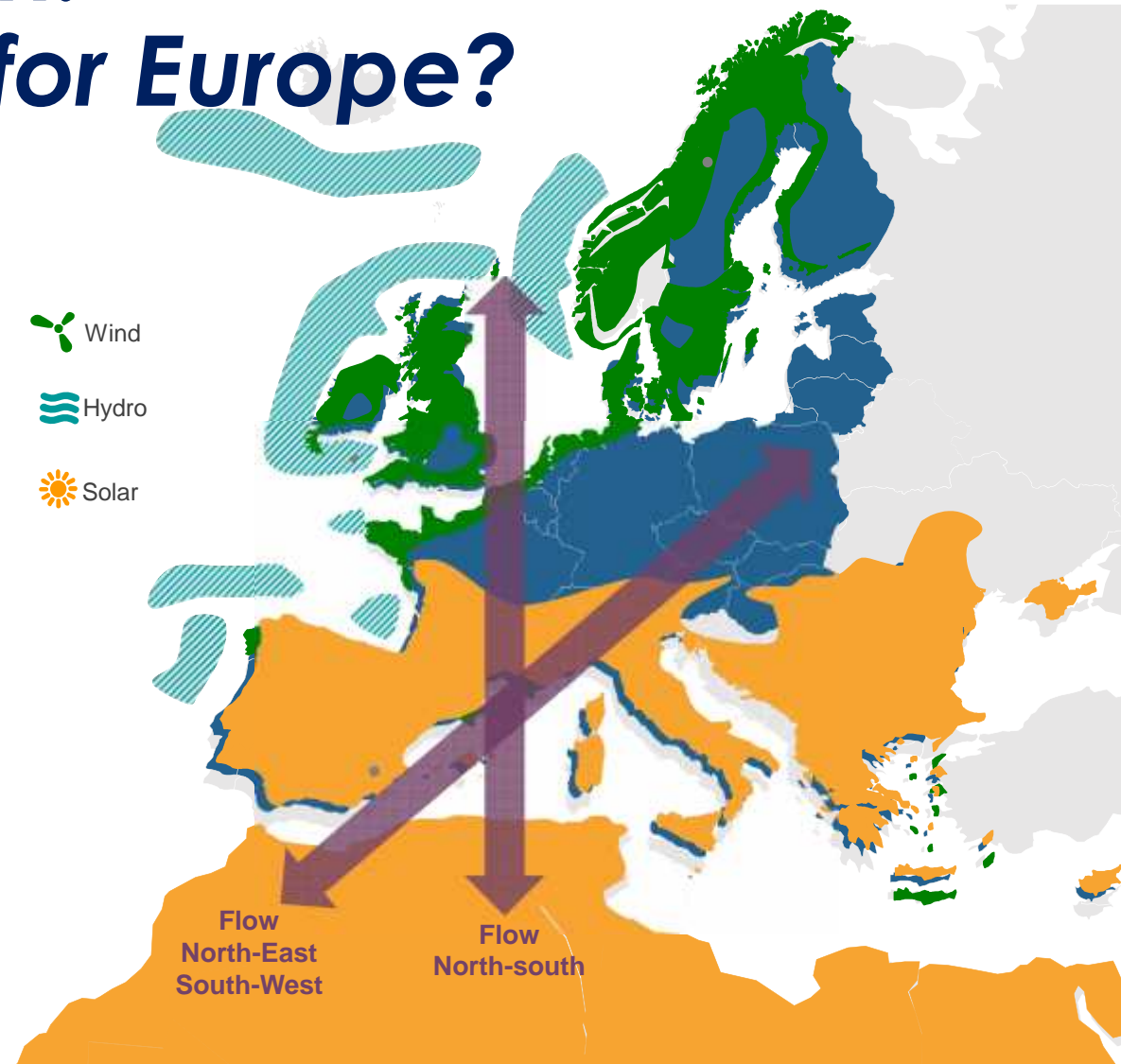


The Energy Transition: *What does it mean for Europe?*

27% renewables by 2030 =
+/- 45% for the power system

Sector Coupling:

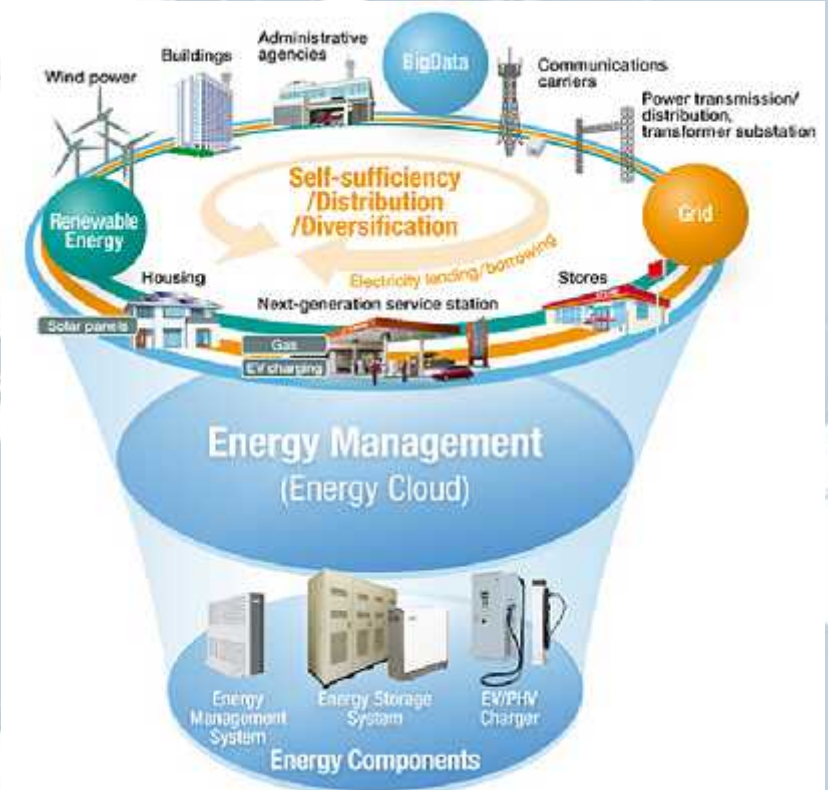
- Power
- Gas
- Transport



The right framework to address future challenges?

The EC proposals address the majority of issues

- Active customer
- Scarcity pricing
- Removal of price caps
- Easier supplier switching
- Risk preparedness framework
- European resource adequacy
- Ambitious Regional Cooperation



Regional Achievements: Central Europe

Integrating power systems



- ✓ NordBalt 2016
- ✓ LitPol 2015
- ✓ Estlink 1 2007
- ✓ Estlink 2 2014

Integrating power markets

- ✓ 11/2011: CWE
- ✓ 02/2014: NWE
- ✓ 05/2014: MRC
- ✓ 02/2015: MRC + CSE
- ✓ 05/2015: MRC
- ✓ CWE Flow-Based Capacity Calculation
- ✓ A roadmap for CWE-CEE market coupling by 2018

Realizing opportunities

- ✓ More competition and lower prices
- ✓ Improved security of supply
- ✓ More integration of renewables

Some very important improvements needed

Network Code implementation is a key priority!



Important changes needed on:

- Regional Operational Centers
- Some Market Design aspects
- Wholesale-Retail market integration

THANK YOU FOR YOUR ATTENTION

The image features the entsoe logo centered on a blue background with a pattern of golden stars, reminiscent of the European Union flag. The logo itself consists of the word 'entsoe' in a white, lowercase, sans-serif font. The final 'e' is stylized, with a blue circular shape behind it that has a white outline and a small white dot in the center, resembling a stylized 'e' or a globe.

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