

# TYNDP 2016: First insights

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TYNDP 2016 PMO – ENTSO-E

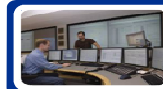
Workshop on Scenario Methodology for TYNDP 2016  
16 September 2014

# International TSO cooperation: we are ENTSO-E

- 41 TSOs from 34 countries
- Founded on 19 Dec 2008 and fully operational since July 2009
- A trans-European network
  - 525 million citizens served
  - 828 GW generation
  - 305,000 km of transmission lines
  - 3,400 TWh/year demand
  - 400 TWh/year exchanges
- Replaces former TSO organisations: ATSOI, BALTSO, RTSO, NORDEL, UCTE, UKTSOA



System Development



System Operation



Electricity Market



Research and Development

# The Ten-year Network development plan 2014 at a glance

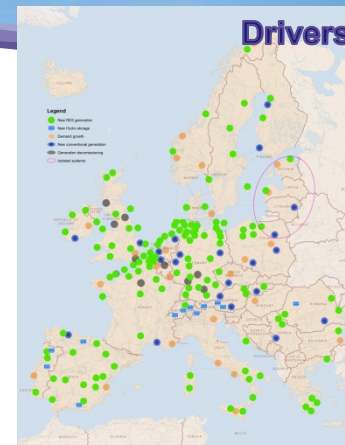
**Identification of all challenges in building the necessary infrastructure**

Transparency

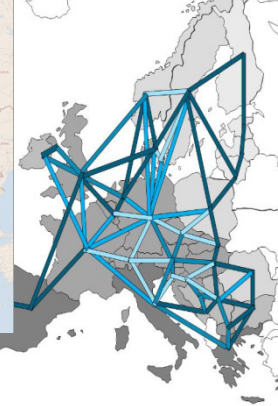
Standard  
Cost Benefit Analysis  
for all projects

Stakeholders'  
involvement

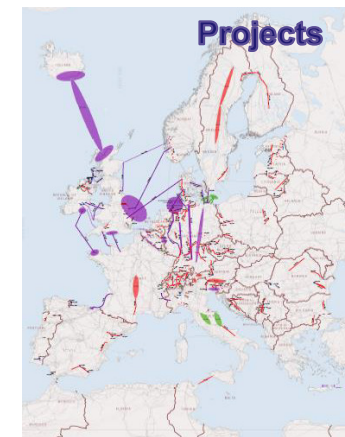
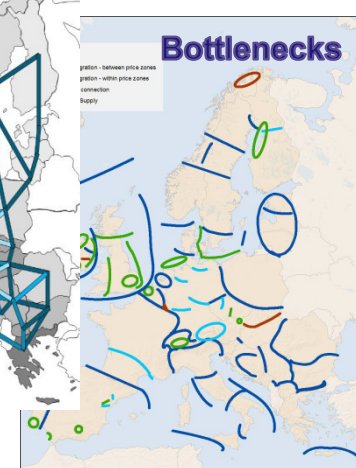
TSO cooperation  
platform



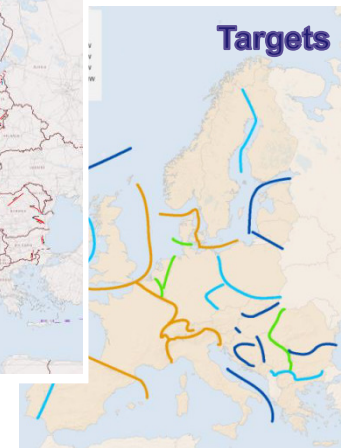
**Market prices**



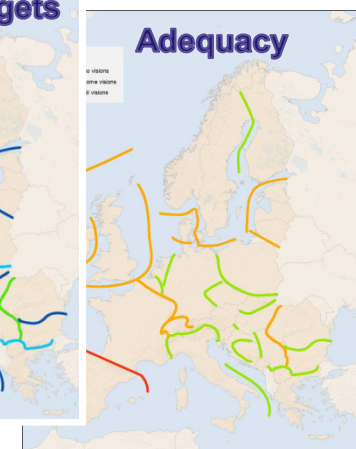
**Bottlenecks**



**Targets**



**Adequacy**



# The TYNDP 2014 package delivers...

...a vision for the development  
European extra high  
voltage grid

- Non-binding
- Updated every 2 years
- Based on a generation adequacy outlook
- ... and common market and network studies

...a comprehensive  
document suite that  
includes

- Ten-Year Network Development Plan
- Scenario Outlook and Adequacy Report
- 6 Regional Investment Plans

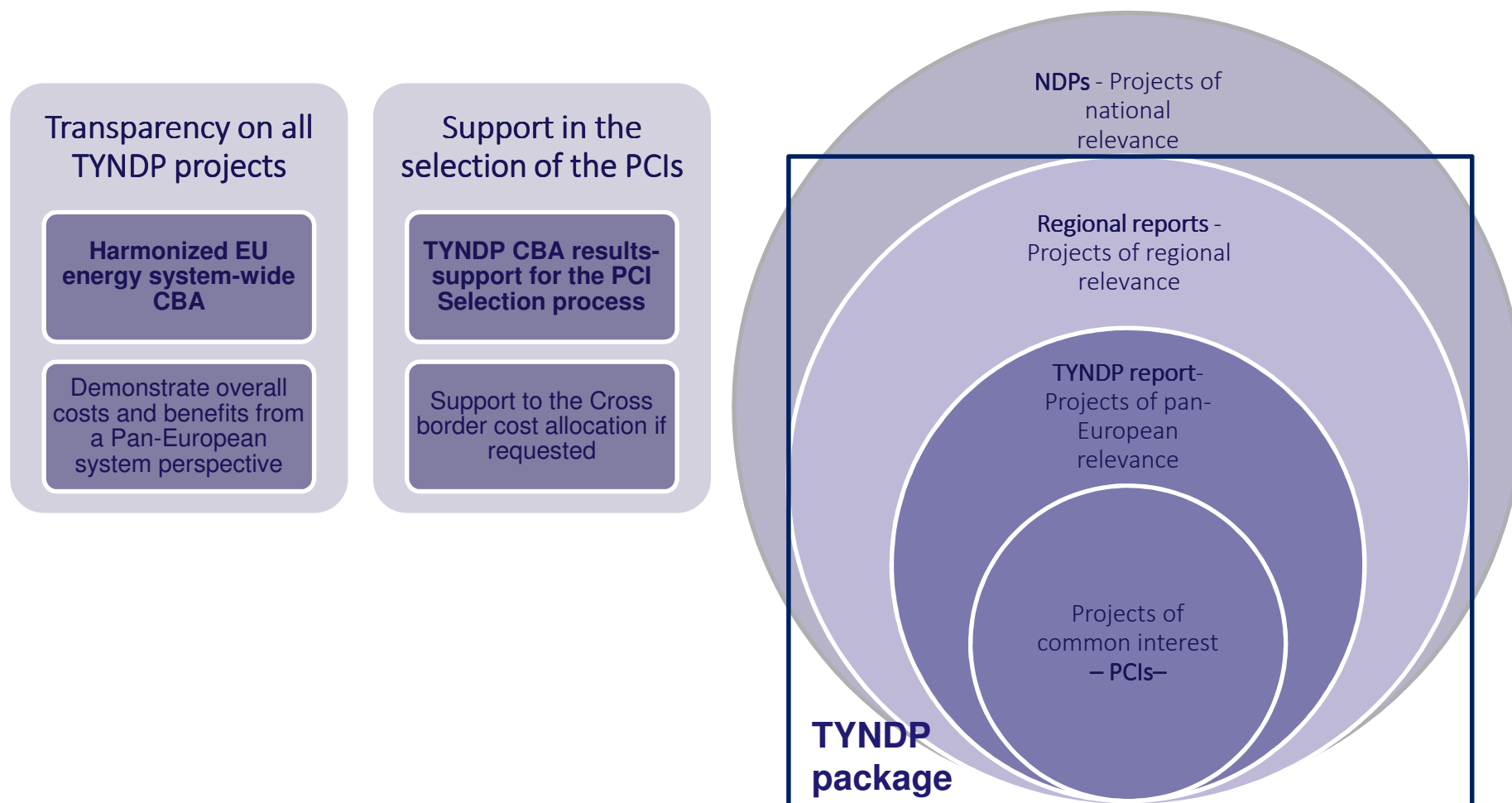


ENTSO-E 10-YEAR NETWORK  
DEVELOPMENT PLAN 2014  
PROJECT FOR CONSULTATION

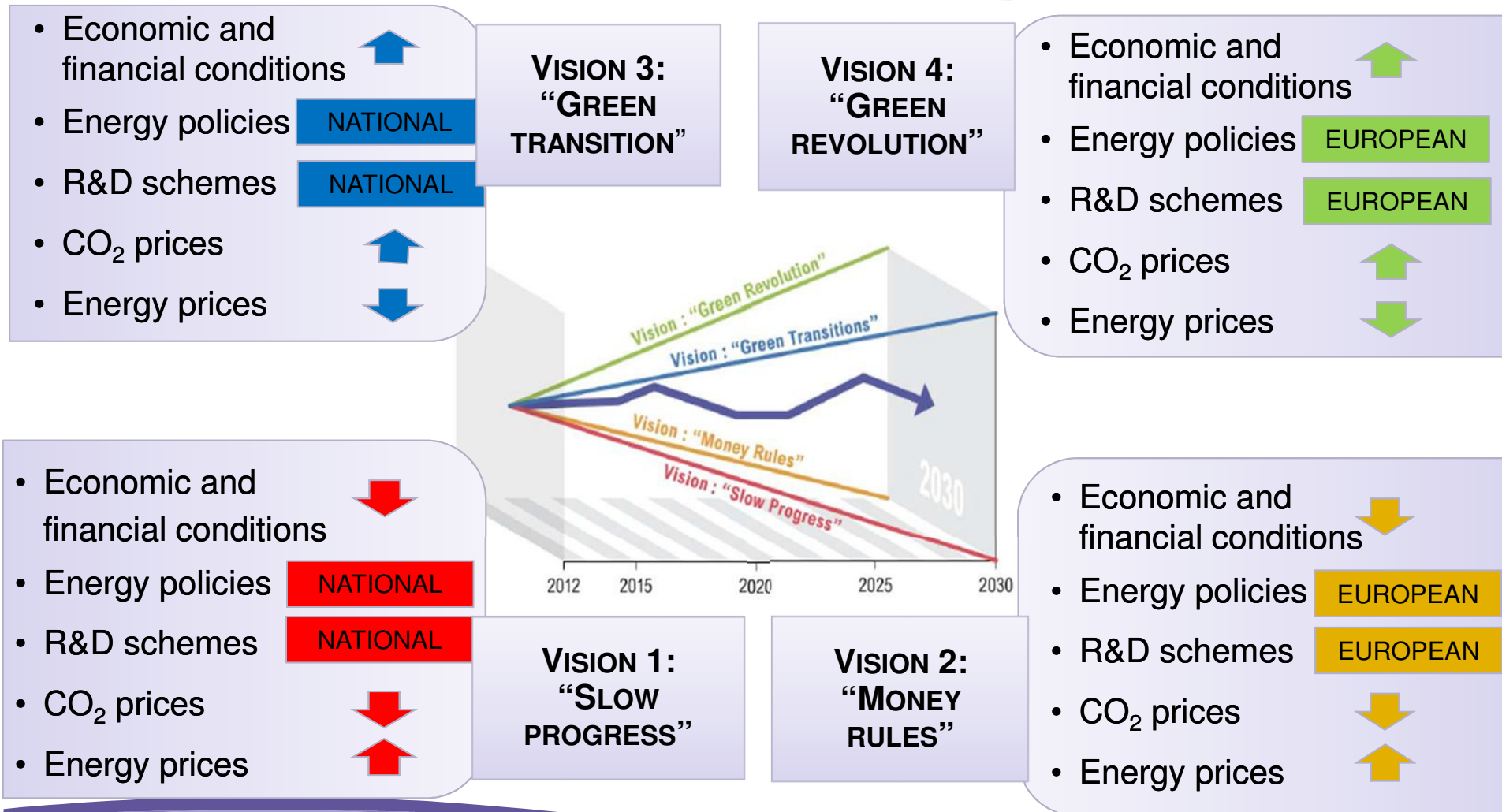
DRAFT  
V8 - 24.02.2012

Regulation (EC) 714/2009  
Regulation (EC) 347/2013

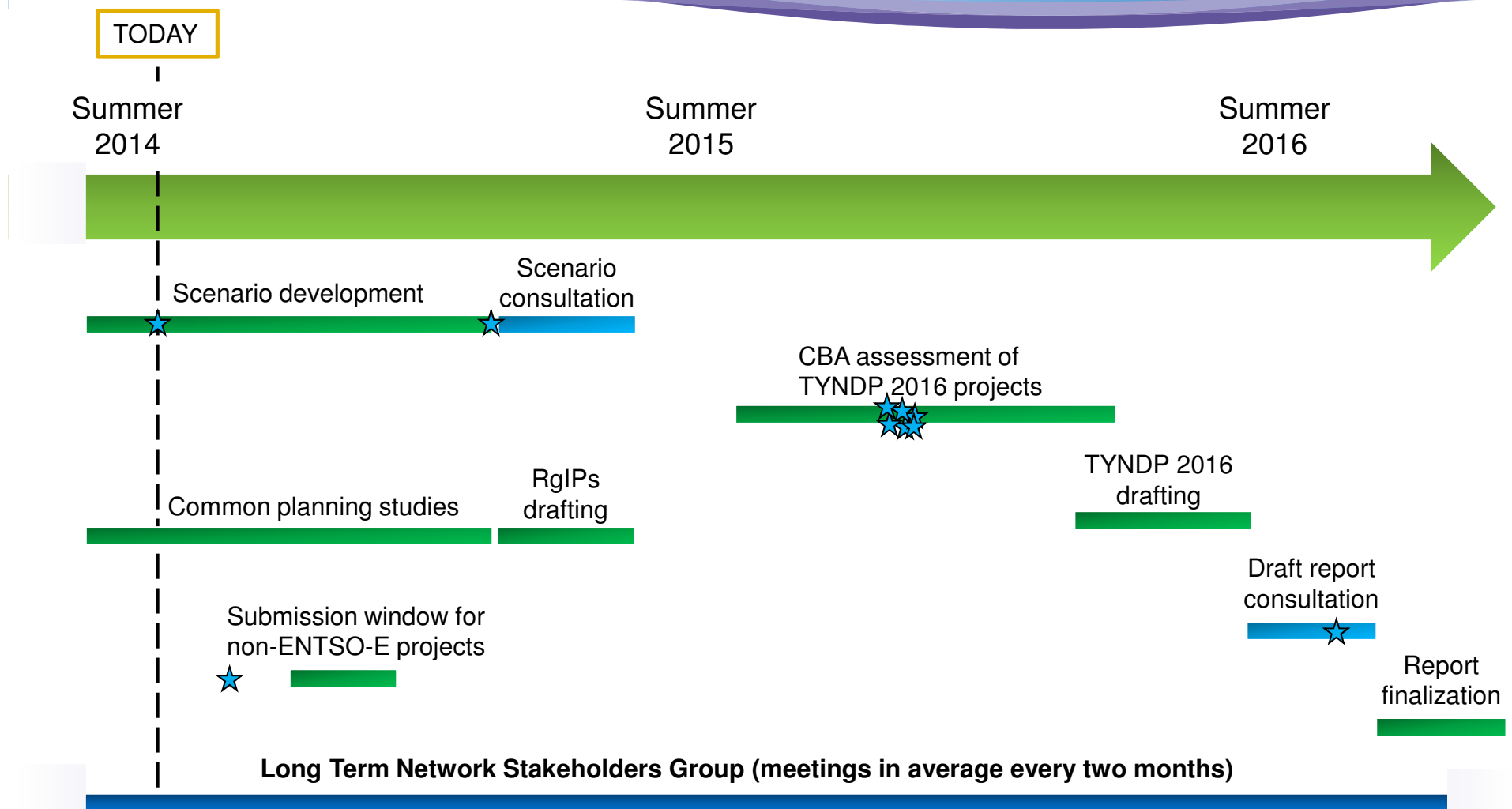
# TYNDP –the sole basis for the PCI selection - Regulation (EU) 347/2013



# TYNDP 2014 - 4 scenarios to frame uncertainty and build the right infrastructure



# TYNDP 2016 at a glance





**Thank you for your attention**