

TYNDP 2016: First insights

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TYNDP 2016 PMO – ENTSO-E

Workshop on Scenario Methodology for TYNDP 2016

16 September 2014



Reliable Sustainable Connected

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

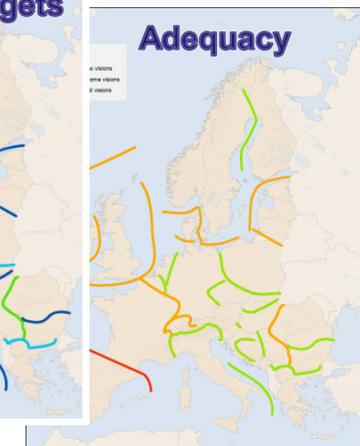
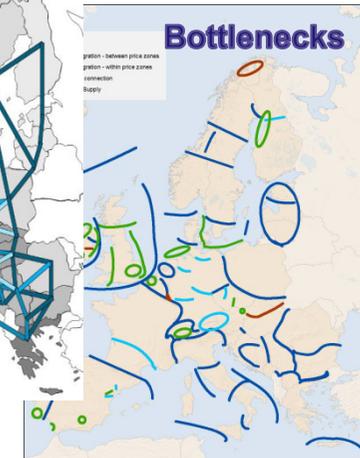
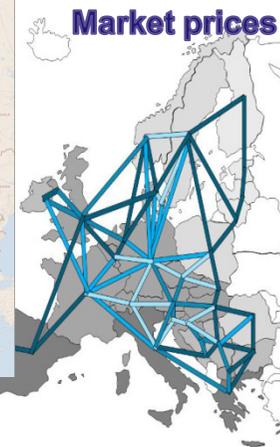
Identification of all challenges in building the necessary infrastructure

Transparency

Standard Cost Benefit Analysis for all projects

Stakeholders' involvement

TSO cooperation platform



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

entsoe
European Network of
Transmission System Operators
for Electricity

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

DRAFT
V8 - 24.02.2012

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

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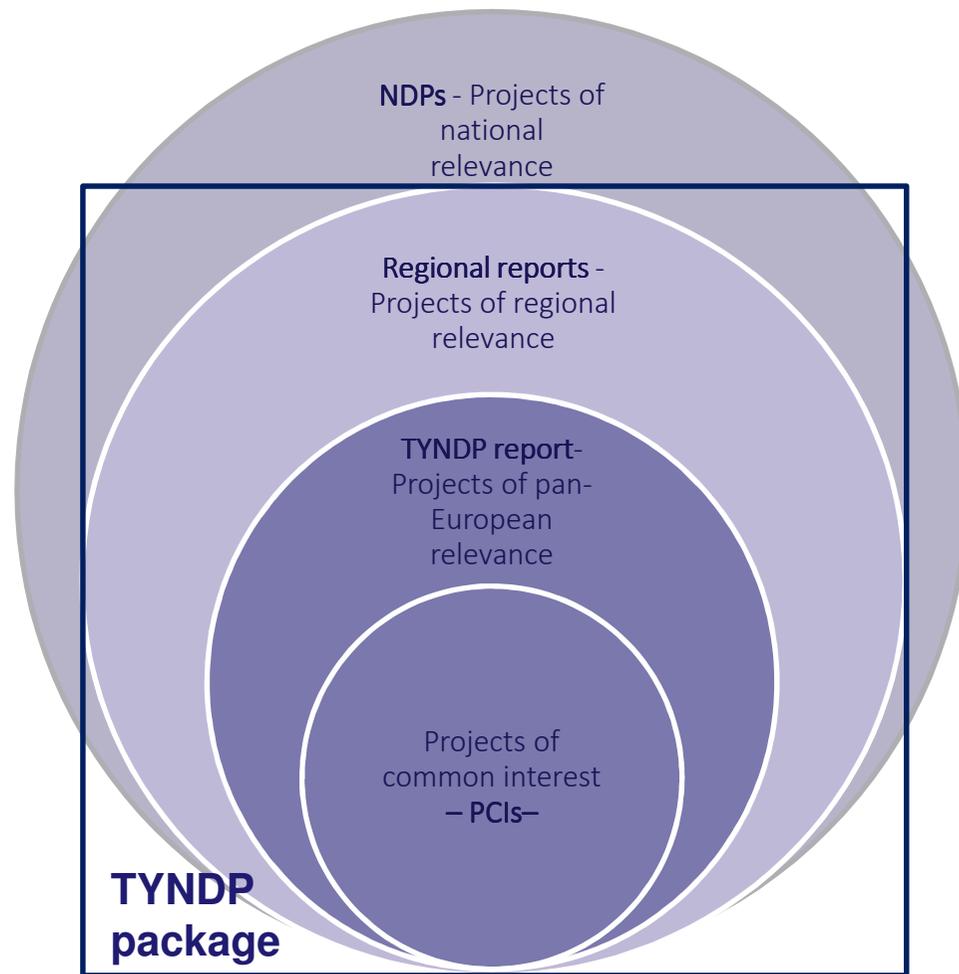
TYNDP –the sole basis for the PCI selection - Regulation (EU) 347/2013

Transparency on all TYNDP projects

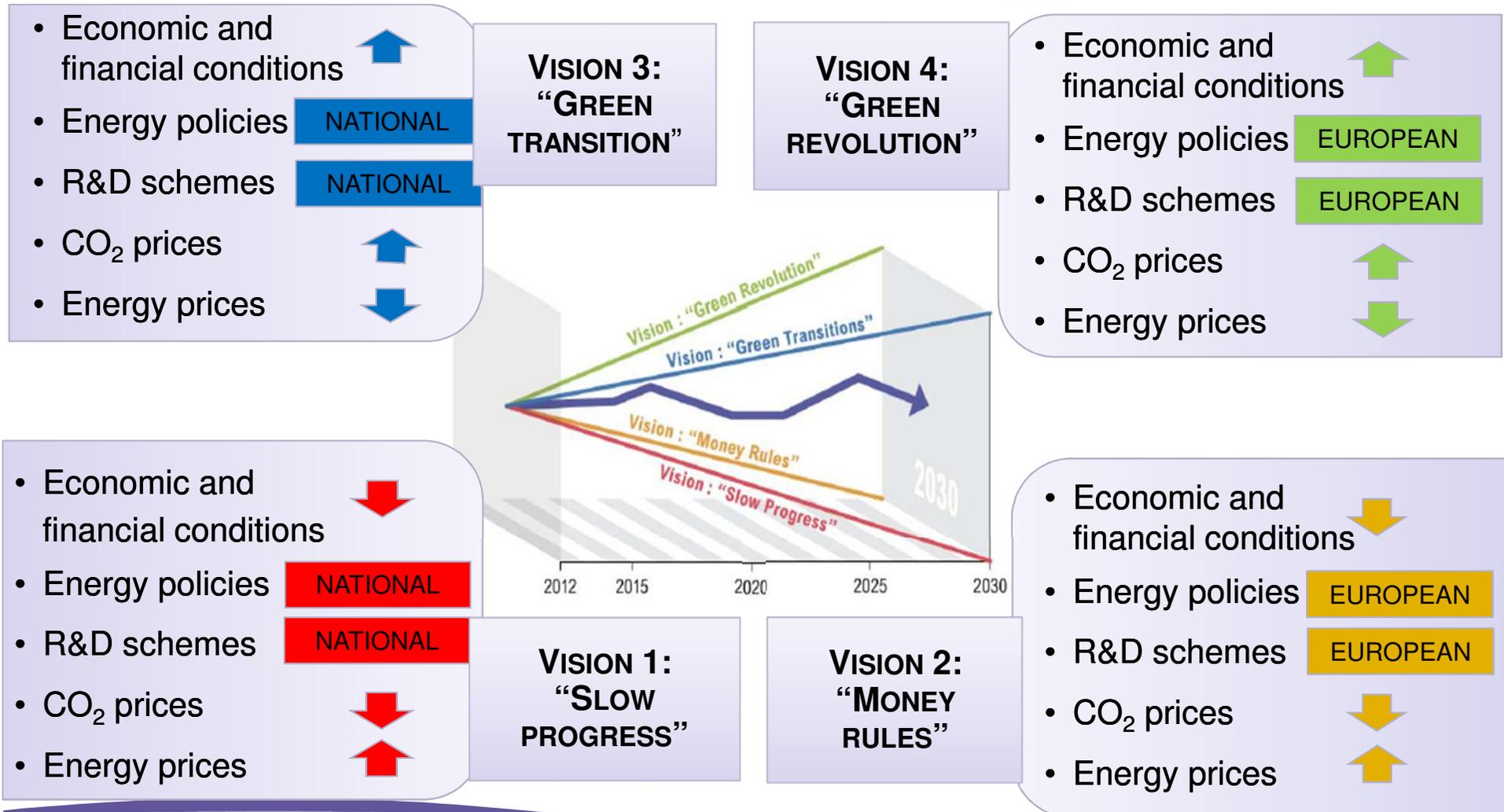
- Harmonized EU energy system-wide CBA
- Demonstrate overall costs and benefits from a Pan-European system perspective

Support in the selection of the PCIs

- TYNDP CBA results-support for the PCI Selection process
- Support to the Cross border cost allocation if requested



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



TYNDP 2016 at a glance

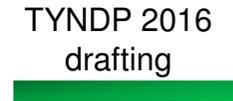


TODAY

Summer 2014

Summer 2015

Summer 2016



Long Term Network Stakeholders Group (meetings in average every two months)





Thank you for your attention

