

# TYNDP 2016 overall process

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ENTSO-E Public workshop  
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# Topics

Ambition of a TYNDP

Key targets for TYNDP2016

A two-year cycle

Scenario development

Application for project candidate inclusion by promoters

Project assessments

# Ambition of a TYNDP

- Analyze all challenges in building the necessary infrastructure;
- Identify project candidates with pan-European relevance;
- and assess all in a transparent and coherent manner

Transparency

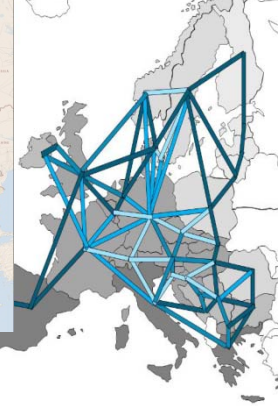
Standard  
Cost Benefit  
Analysis approach

Stakeholders'  
involvement

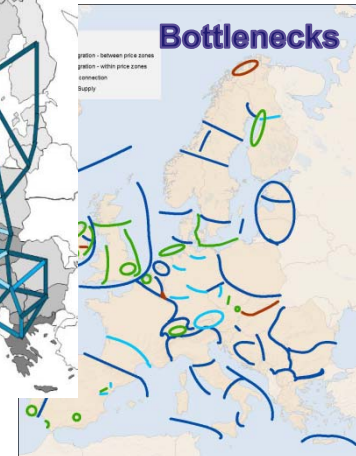
TSO cooperation  
platform



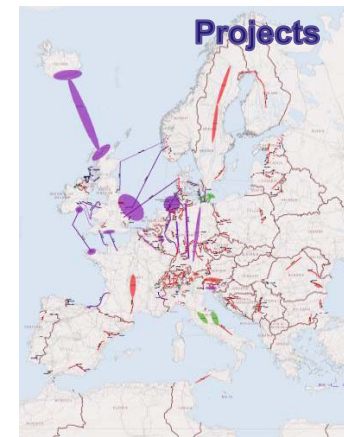
**Market prices**



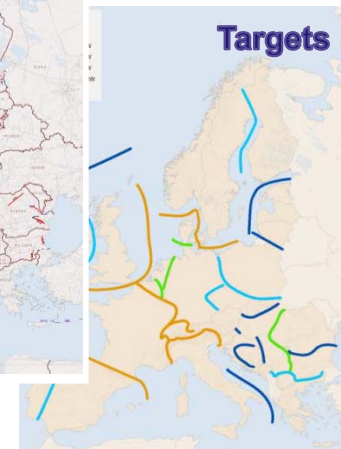
**Bottlenecks**



**Projects**



**Targets**



**Adequacy**



# Key targets for TYNDP2016

## Legal baseline & lessons learned PCI process

- CBA methodology approved (and evolving)
- 2030 energy targets: RES, efficiency, CO2, interconnection
- Strive for optimal support of TYNDP results in PCI process

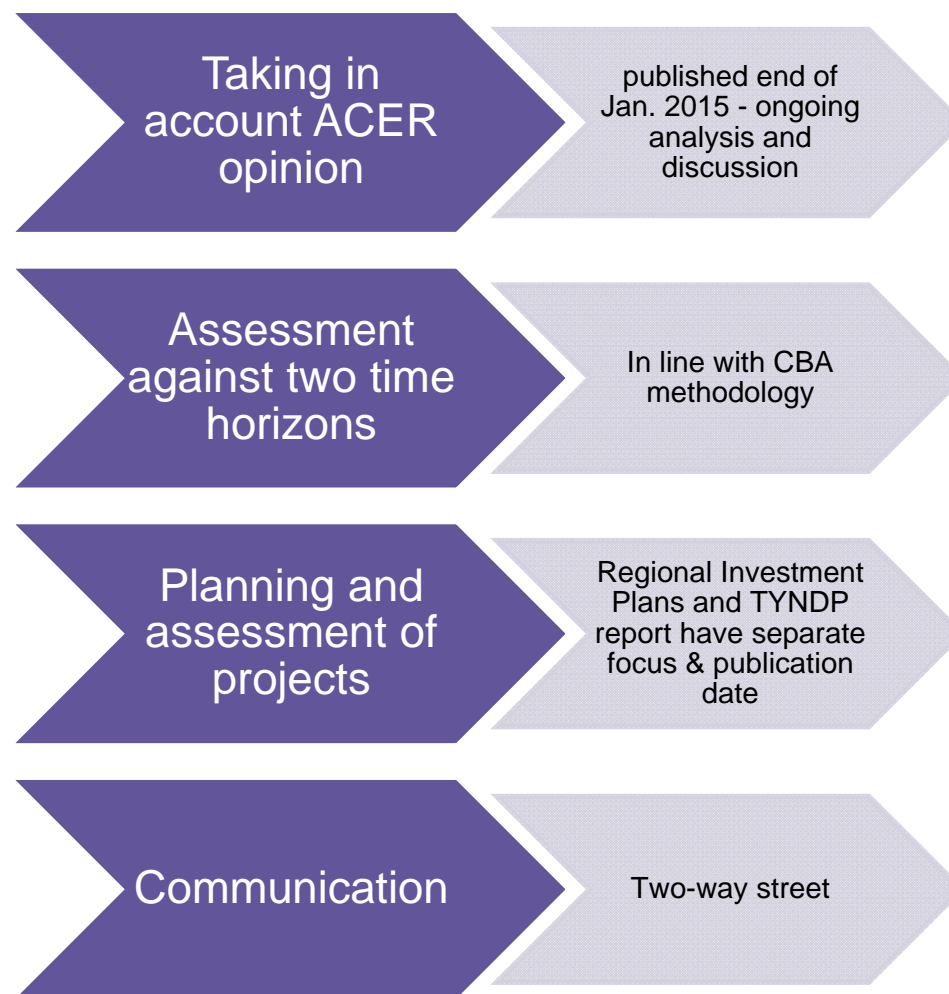
## Transparency of TYNDP approach

- Engage all in an open discussion on energy challenges, and resulting visions
- Link between planning studies and project assessments

## Transparency of TYNDP data

- Accommodating requests of past years
- Reg. 347 mandate

# Changes in next TYNDP





# A two-year cycle

		2015				2016			
Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4

Scenario development

*Scenario Development Report*



Coordinated planning studies

*Regional Investment Plans & draft list  
TYNDP2016 Project Candidates*



Project identification

Project assessment

*Draft TYNDP2016*

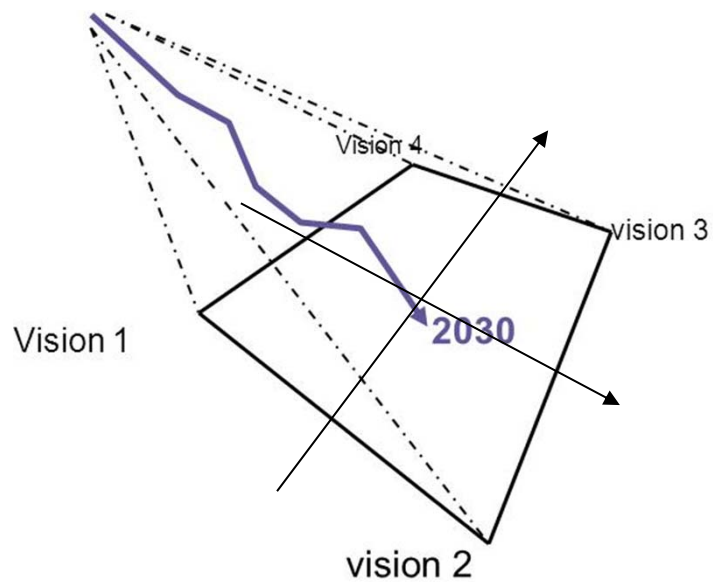
*Public consultation*

*Final TYNDP2016*

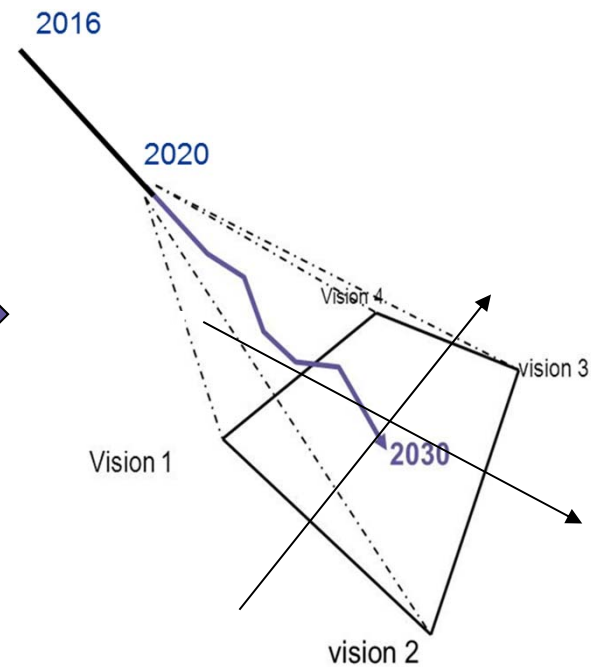


# Scenario development

**TYNDP2014**



**TYNDP2016**

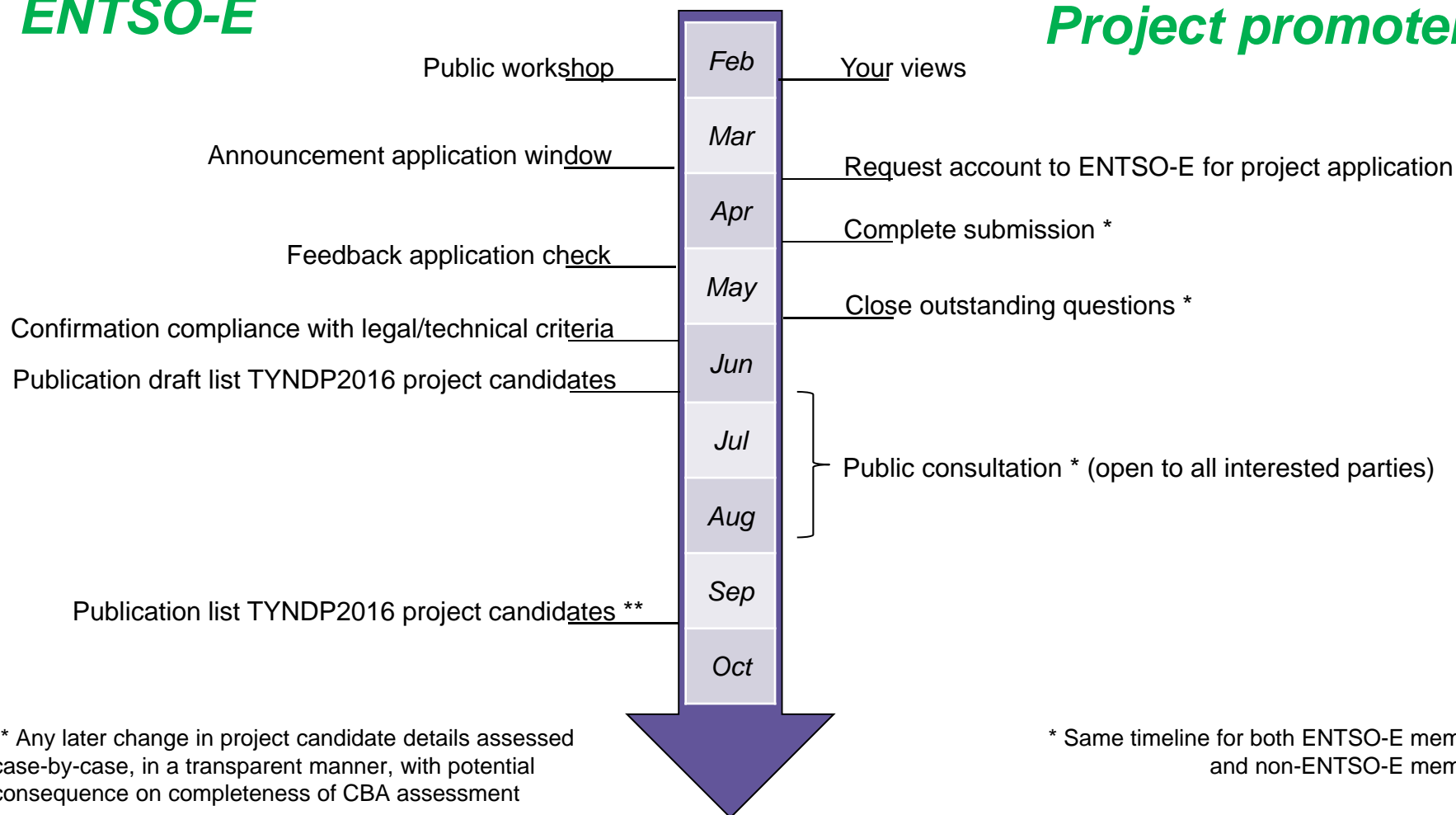


- Consultation on main storyline, approach, assumptions and draft views mid-May

# Application for inclusion by all promoters

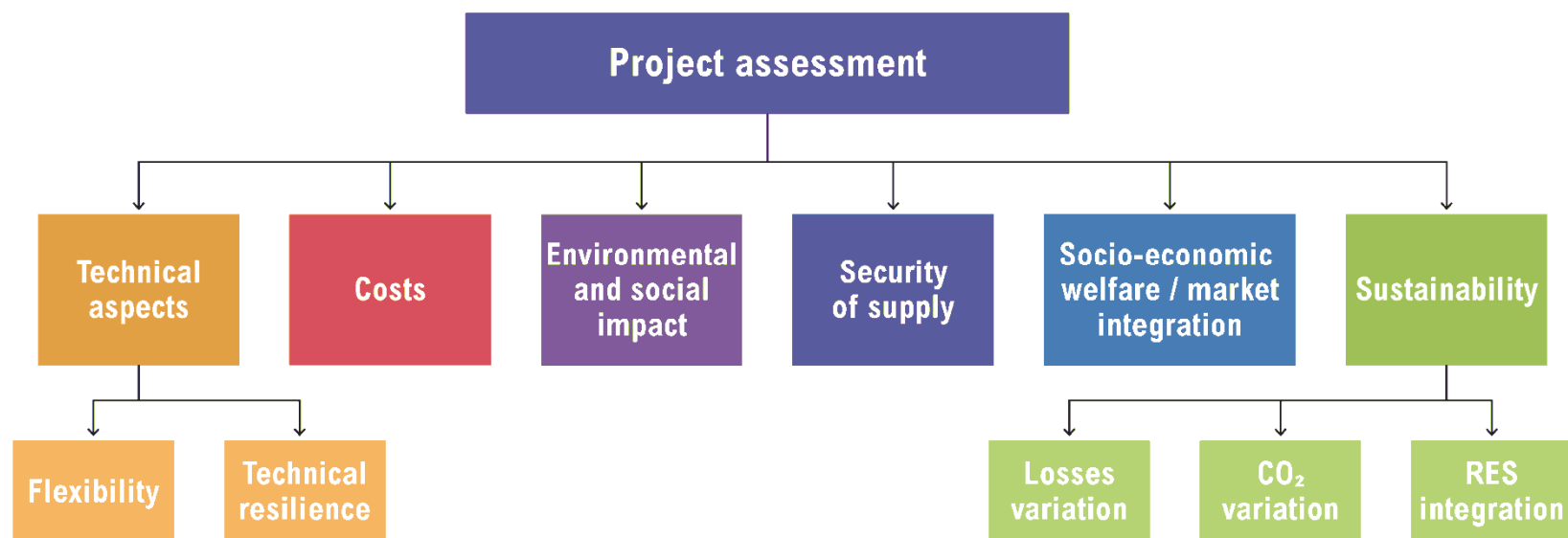
**ENTSO-E**

**Project promoters**





# Project assessments



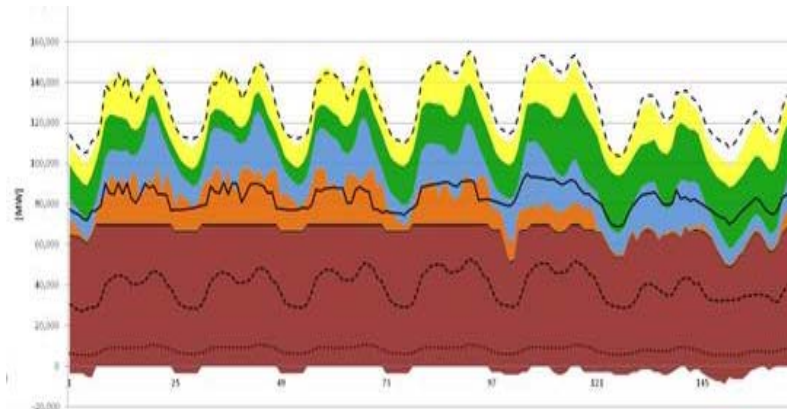
# Project assessments

## Market studies

Optimal (re-)dispatch of generation portfolio within a set of constraints

### Main outcomes:

- Generation dispatch by technology, country, hour
- Power exchanges between countries and balances
- Socio-economic welfare gains
- ...

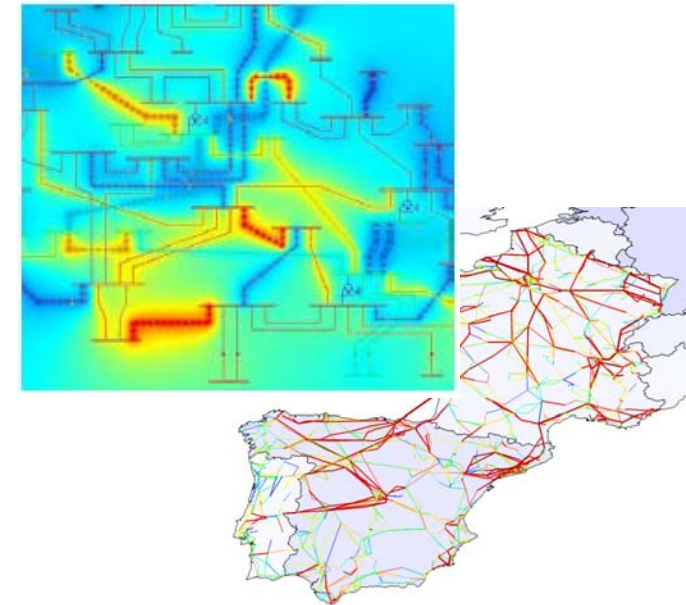


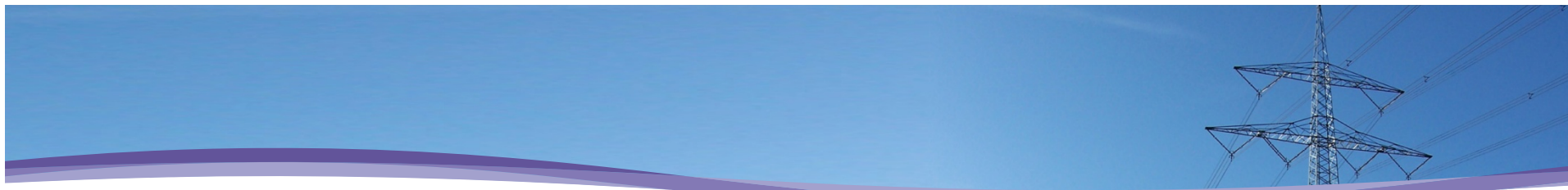
## Network studies

Load flow analysis of regional transmission system

### Main outcomes:

- Security checks
- Grid transfer capacities
- Losses
- ...





***Thank you for your attention***

***- Questions?***