



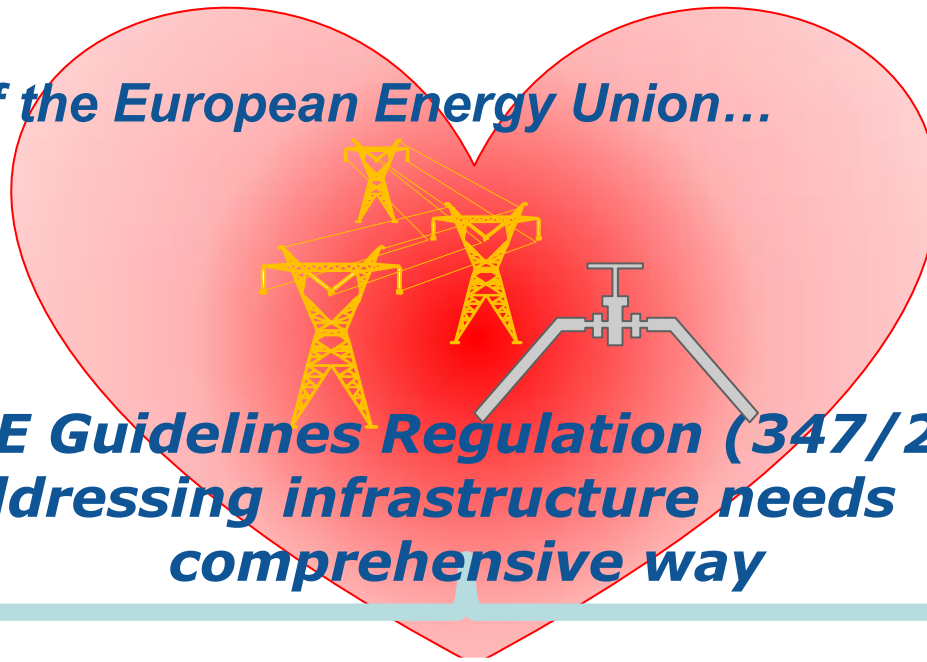
Network infrastructure investments

**Confrontations Europe
Grid infrastructure in the energy transition
8 February 2017**

**Katrien Prins
Networks and Regional Initiatives
DG Energy**

Infrastructure is at the heart of the European energy policy

The backbone of the European Energy Union...



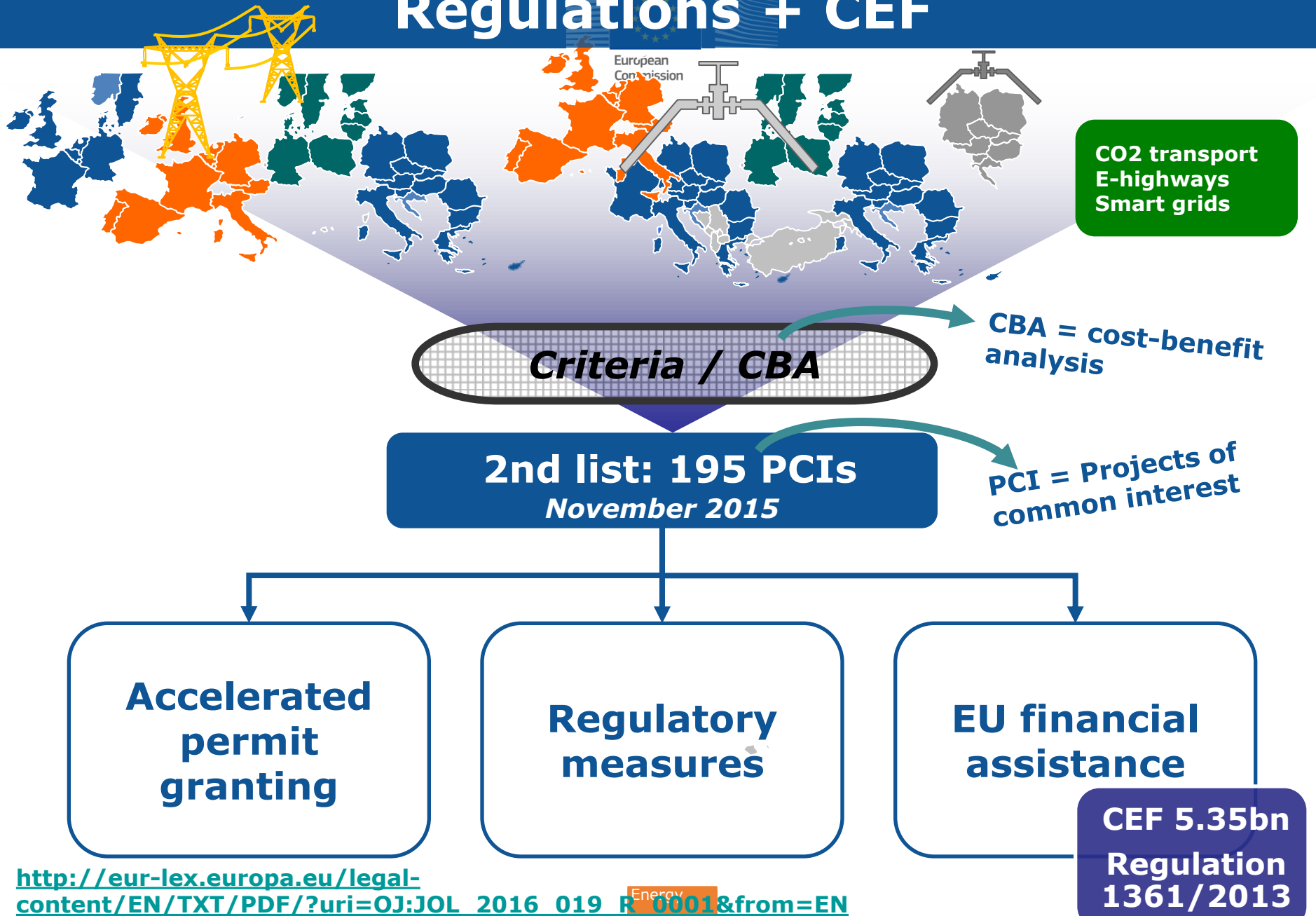
TEN-E Guidelines Regulation (347/2013)
- addressing infrastructure needs in a comprehensive way

**COMPETITIVE-
NESS**

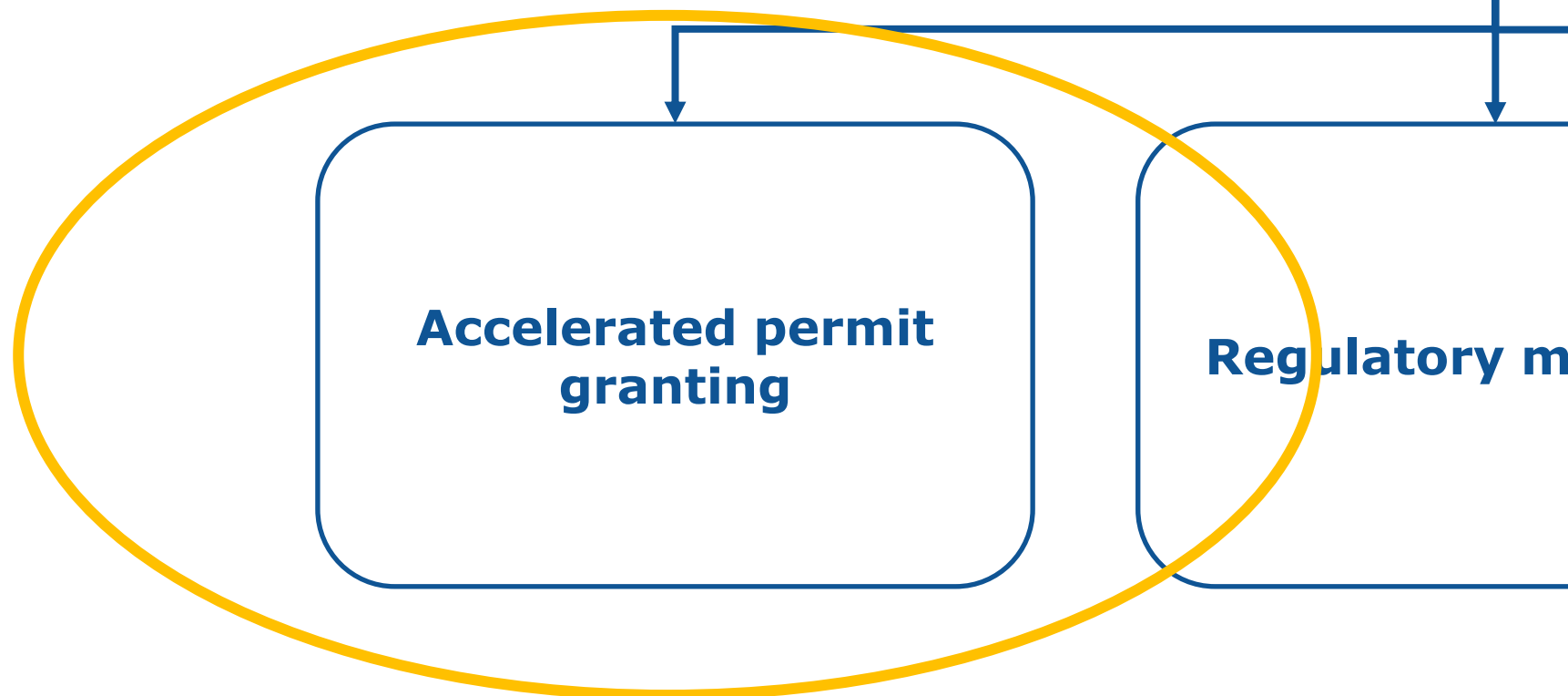
**SECURITY OF
SUPPLY**

SUSTAINABILITY

TEN-E Guidelines Regulation + Delegated Regulations + CEF



195 PC



Permit granting – Regime of common interest

Priority status for PCIs

- Most preferential treatment in Member States
- Streamlining of EA procedures

Competent Authority to manage permit granting process

3 and a half years time limit for the permit granting decision

Increased transparency and enhanced public participation



Criteria / CBA

195 PCIs

**ated permit
anting**

Regulatory measures

EU financial a

Regulatory framework - measures

*Energy system-wide **cost-benefit analysis** – equal footing for all network elements*

*Enabling investments with **cross-border** impact:*

- **Cross-border cost allocation (CBCA)**
- **NRA joint decision on investments and cost allocation**
- **ACER decision if no agreement**

*Long-term **incentives** for investment:*

- **Obligation on NRAs to grant appropriate risk-related incentives**
- **ACER guidance on best practices of NRAs and methodology**

Criteria / CBA



195 PCIs

Regulatory measures

EU financial assistance

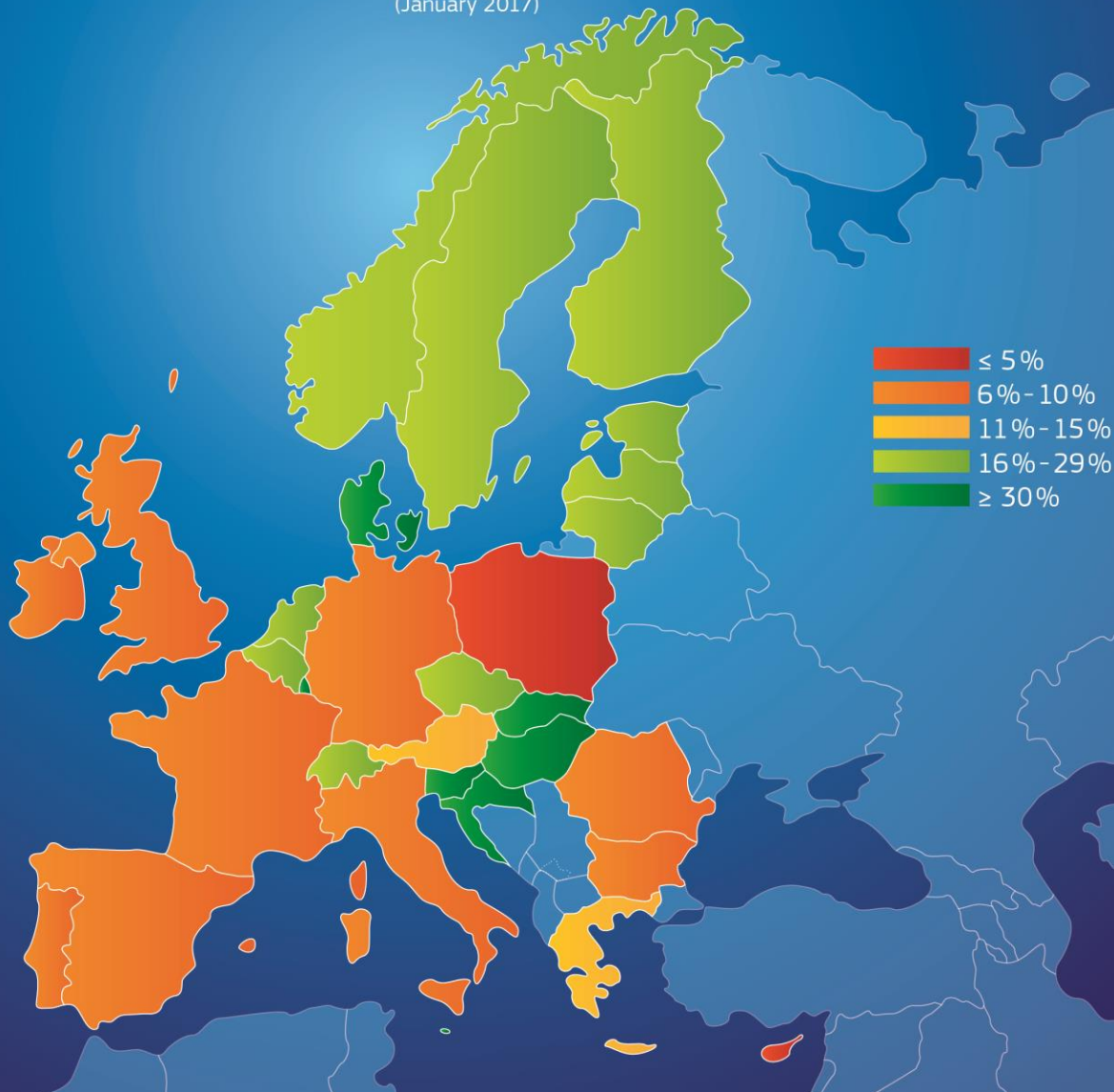
**CEF Regulation
1361/2013 with
5.35bn;**

**Structural Funds, EIB,
EFSI, Marguerite Fund,
EBRD**

Electricity interconnection levels

of the EU Member States, Norway and Switzerland

(January 2017)



Source: ENTSO-E (Winter Outlook 2016/2017)



Interconnector investment needs in Europe

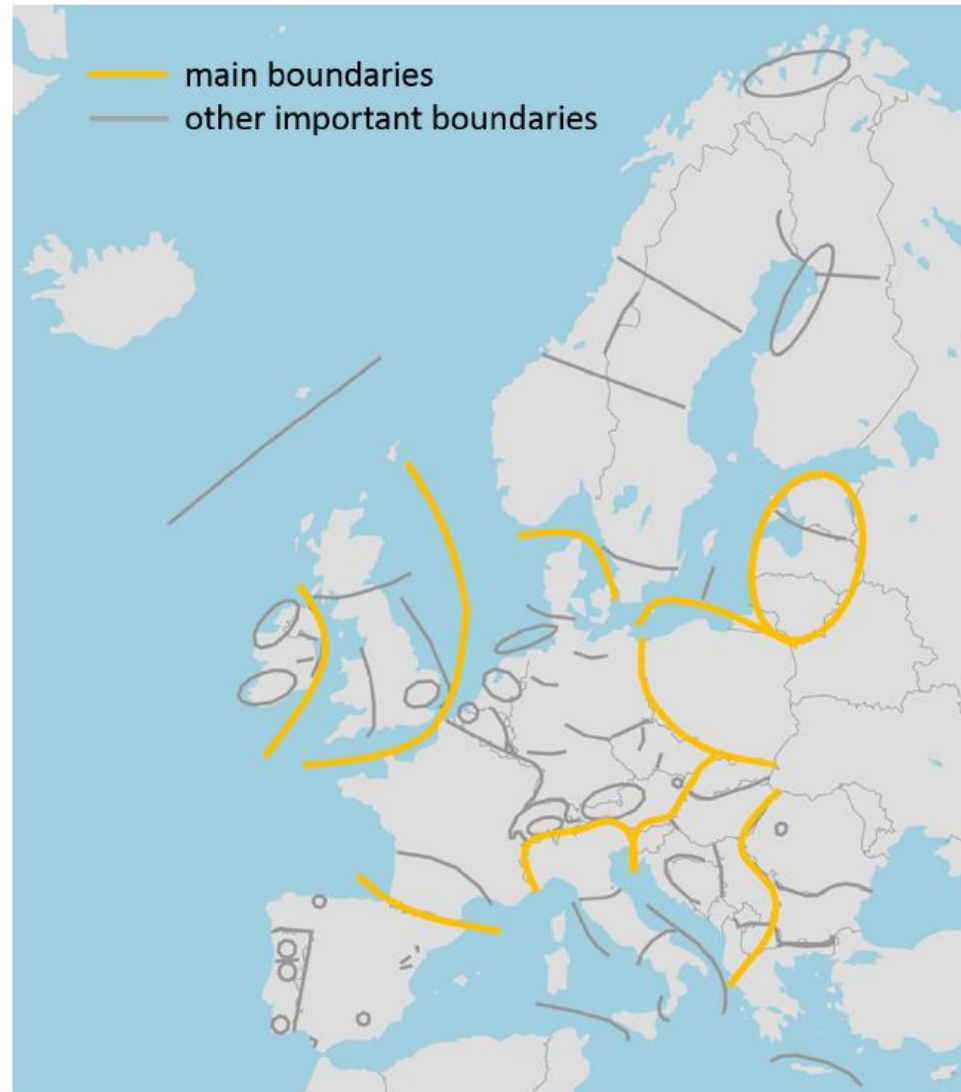


Figure 5 Investment needs and boundaries/barriers; 10 main ones (yellow) and several regional ones (grey)

Source: ENTSO-E TYNDP 2016