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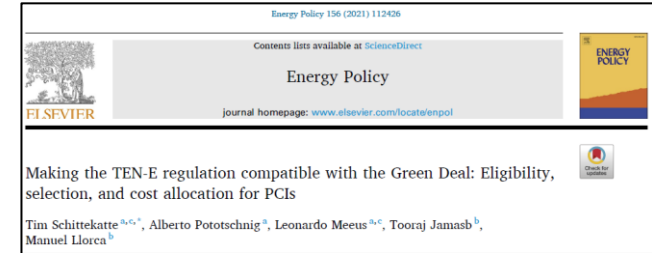
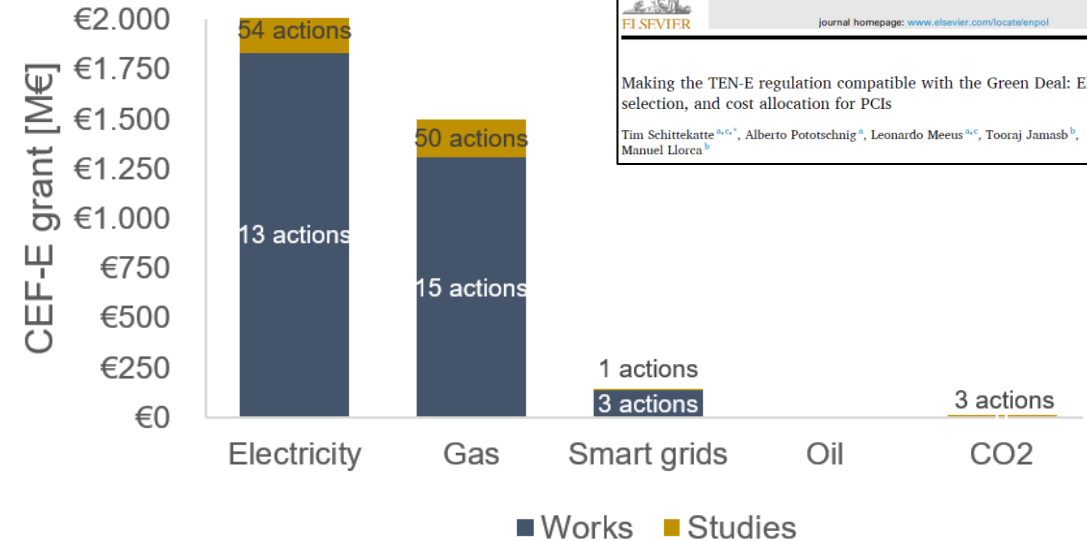
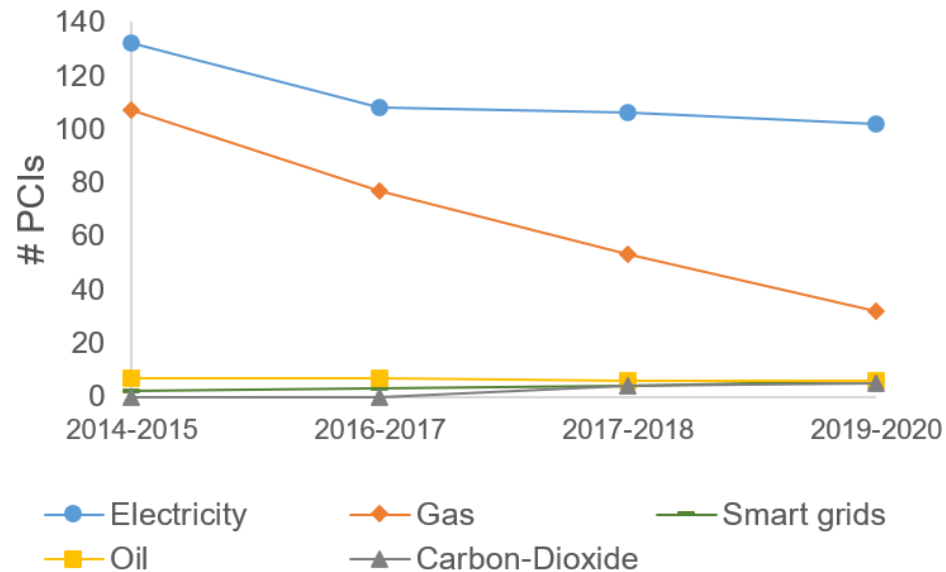
# Aligning the EU and National Grid Planning and Development

***Bnetza Workshop on National and EU Grid Development  
6 October 2021***

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MIT Energy Initiative (MITei) & Florence School of Regulation (FSR)

# Trans-European Networks for Energy (TEN-E) Regulation



**Old objective TEN-E (in force '13):** speed up particular investment in large cross-border projects at transmission level – over the timeline of the EU 2020 energy and climate objectives.

**New objective TEN-E (in force '22?):** enable the Green Deal - support the decarbonisation of the energy, transport, industrial and buildings sectors and the deployment of innovative technologies and infrastructure, while keeping the energy transition socially fair.



# 1/ Supporting the “best projects”

## The future role of TSOs in network planning?

Main issue in '13:

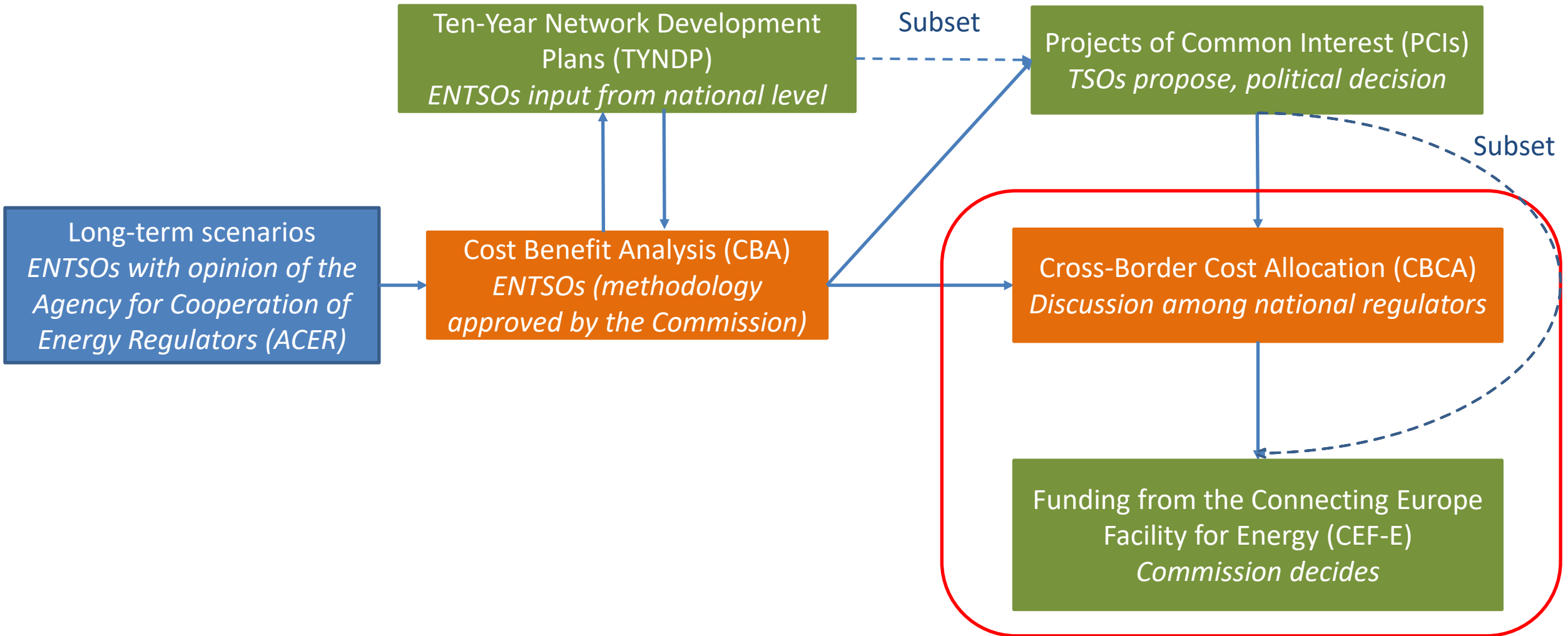
- Cooperation of TSOs across borders
  - national vs EU interest

Main issues in '22:

- 1/ Cooperation of TSOs across borders
- 2/ Cooperation of TSOs across energy carriers
- 3/ Cooperation of TSO & DSO across voltage levels
- 4/ Consideration of non-network solutions
  - all can be substitutes/complements: is the current governance still fit?

Trade-off: expertise vs conflict of interest

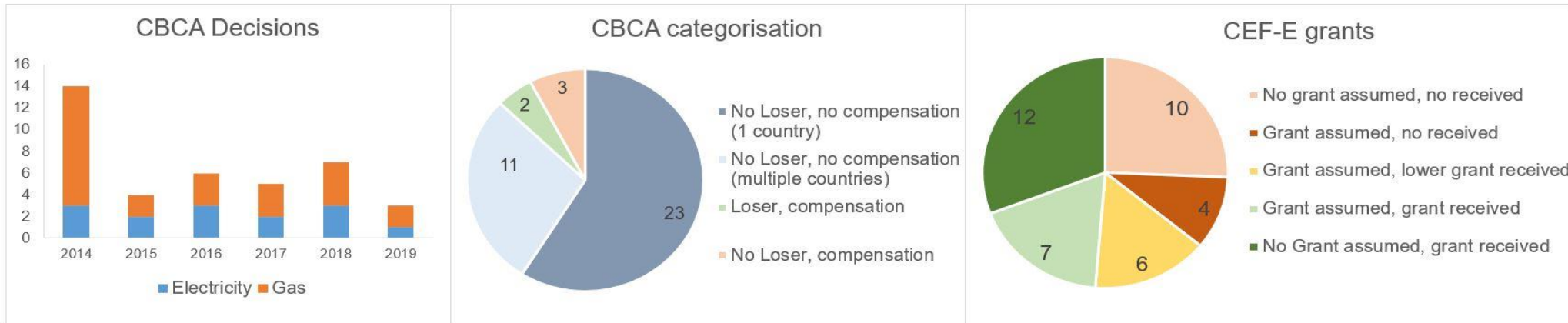
# Process so far



Making sure that the “best projects” are realised

# 2/Making sure that the best projects are realised

## The future role of EU funding for cross-border infrastructure?



Currently: myriad of criteria for allocation of funds

Conflict between national and EU interest

Resources are limited:

- risk for non-realisation of important projects

### EU to back France-Spain interconnector with EUR-578m CEF grant

January 25 (Renewables Now) - EU member states today approved a proposal by the European Commission (EC) to invest EUR 873 million (USD 1.09bn) in 17 electricity and gas projects, including a France-Spain power link that will help integrate more renewables.



Ministry of Energy of the Republic of Lithuania

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# Summary

There are significant benefits EU cooperation with regards to grid planning and development. But...some conflicts between national and EU interest

## 1/ How to select the “best projects” to support?

- TSOs vs cross-border TSOs vs other-energy vector TSOs vs DSOs vs market solutions
- Is the current governance still fit for purpose?

## 2/ How to make sure that the “best project” are realised?

- Myriad of criteria
- Stronger (more limited) criteria to let EU money flow to the projects in need