



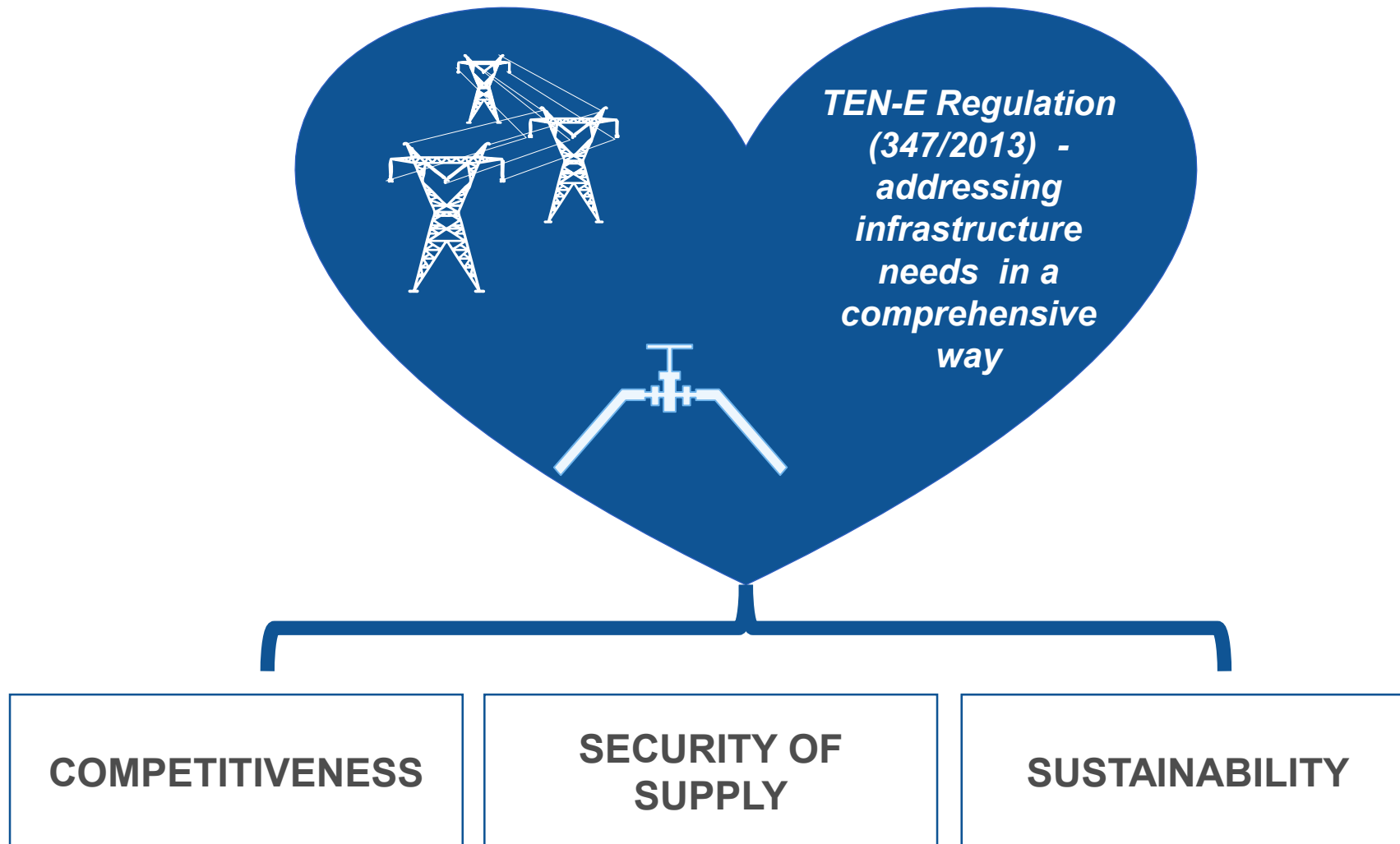
European energy infrastructure policy

CEF Energy Call Virtual Info Day

14 September 2021

Joachim Balke
Head of Unit
Unit C.4 Infrastructure and Regional Cooperation
DG Energy
European Commission

Trans-European energy networks are at the heart of the European energy policy



Energy infrastructure as key enabler in the transition to a climate neutral economy

- Energy infrastructure as a key pillar of EU energy policy to deliver the European Green Deal
- New policy challenges such as the accelerated take-up of renewable energy sources and system integration (revision of Renewable Energy Directive)
- New CEF programme for 2021-2027 will provide crucial support to infrastructure projects to enable the energy transition including a new window for cross-border projects in the field of renewable energy

Proposed TEN-E Regulation revision

- TEN-E Regulation to be fully aligned with the 2050 climate neutrality objective
- Important progress made in the implementation of trans-European energy infrastructure
- Proposal for revising the 2013 Regulation on Trans-European Networks in Energy adopted on 15 December 2020, negotiations with Parliament and Council are ongoing

Current TEN-E Regulation (347/2013)

Process to identify projects of common European interest, with involvement of all stakeholders



Benefits

Accelerated permit granting

3.5 years

One stop shop

Public Participation

Improved Regulatory treatment

Incentives

Cross-border cost allocation

Financial support

Financial instruments

Grants

Achievements supported by a dynamic governance and through regional cooperation

High-Level Groups

Strategic steering and policy guidance on technical topics in European regions that have been identified as being of high priority

- [Central and South Eastern Europe Gas Connectivity](#)
- [North Seas Energy Cooperation](#)
- [Interconnections for South-West Europe](#)
- [Baltic Energy Market Interconnection Plan \(BEMIP\)](#)



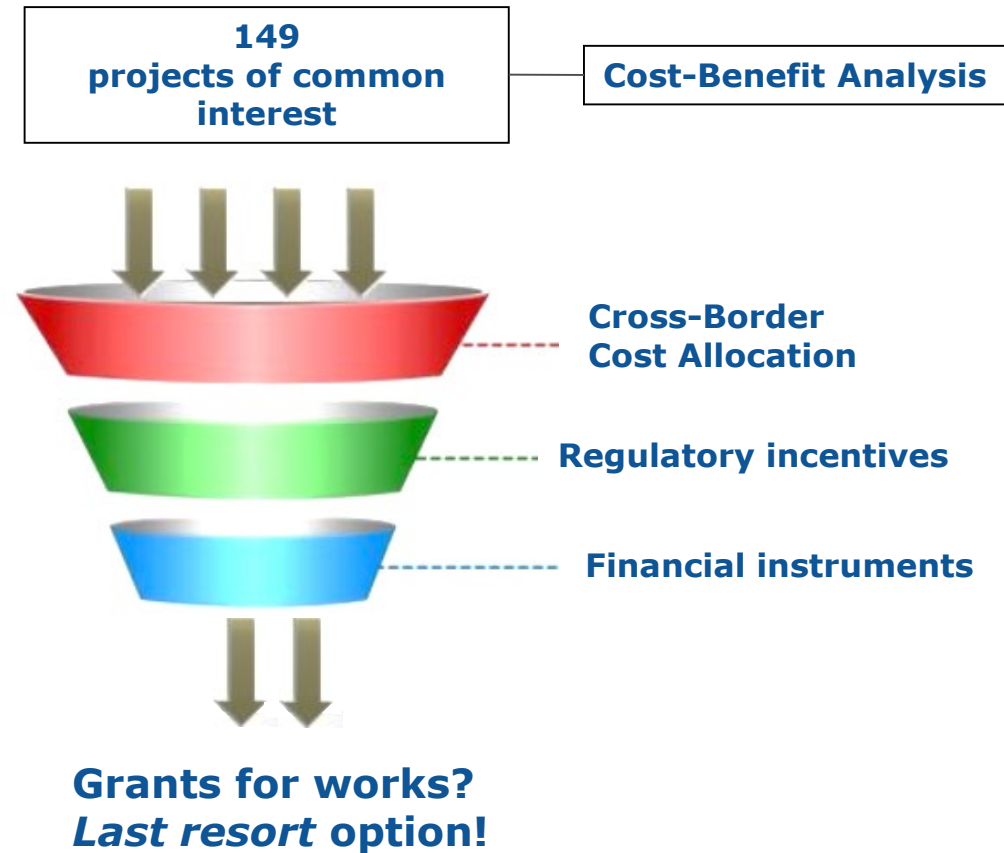
Fourth list of PCIs

No 2020/389 - 31 October 2019

- + **106 electricity and smart grids** projects
 - + **32 gas** projects
 - + **6 oil** projects
 - + **5 cross-border carbon dioxide network** projects
- = 149 PCIs**
- **Fifth PCI list expected to be adopted by end 2021 with expected entry into force in early 2022**



Grants for works – limited to PCIs that need them



100 electricity PCIs

Strengthening Europe's grid to deliver on the energy and climate commitments and to address important challenges of the energy systems

- Northern Seas -

- Further market integration
- Enabling off-shore grid to harness significant RES potential.
- The first direct link between Ireland and Continental Europe (Celtic Interconnector)
- Reinforcements between DK-DE and in the northern DE.

- Western Europe –

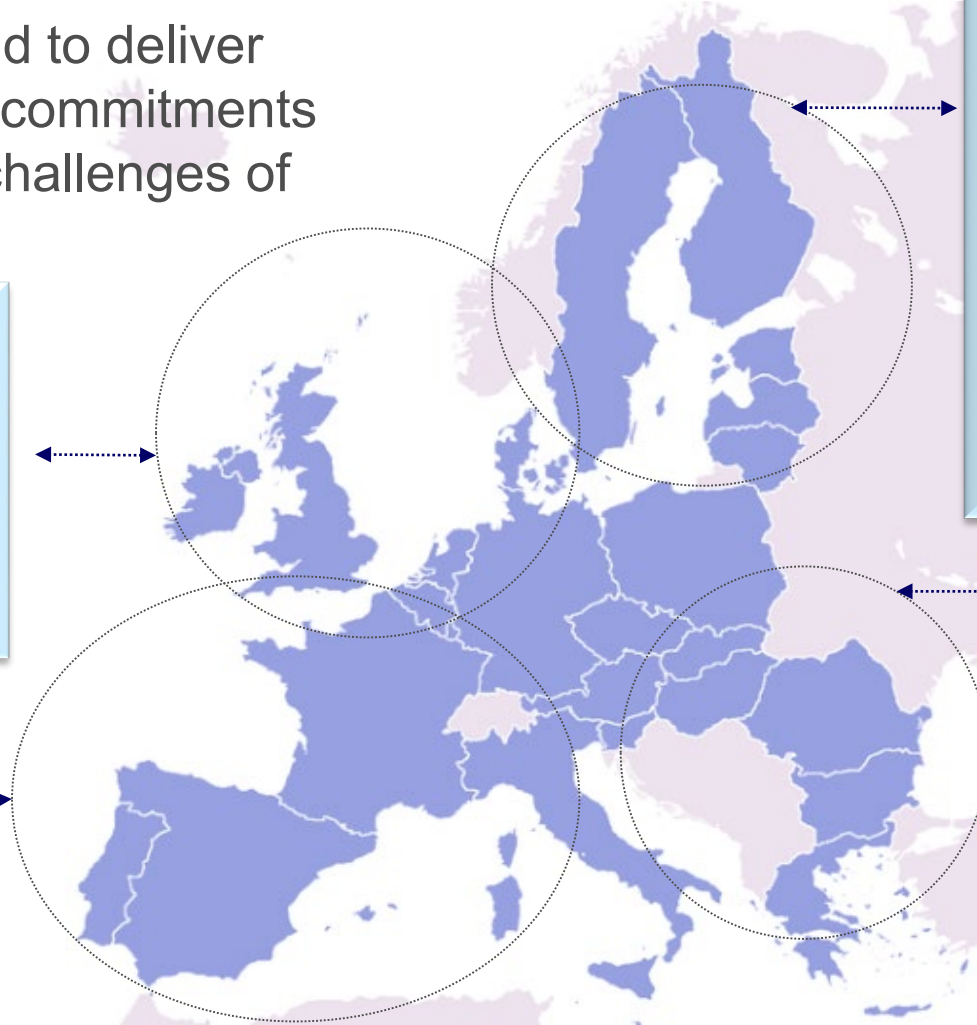
- Further integration of Iberian Peninsula with the rest of Europe.
- Integration of RES.
- Better market integration by increased capacity between PT-ES, IT-FR, IE-Northern Ireland
- Increase system flexibility (storage)

- BEMIP –

- Synchronising the Baltic grid with the continental European network (CEN).
- The third interconnection FI –SE will decrease the existing bottleneck and increase the security of supply.
- Reinforcements between the Baltic States to remove existing bottlenecks and to ensure the full operation of interconnectors with PL and SE.
- Two hydro-pump storage projects in EE and LT will provide further balancing and flexibility services and improve the security of supply and system stability.

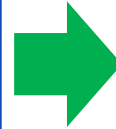
- Central and South Eastern Europe -

- Strengthening the existing grid and providing for new interconnections between BG-EL, HU-SI, HU-SK and IT-RO via Balkans.
- New interconnections AT-IT and IT-SI
- Integration of the RES.
- Prevention of uncontrolled energy flows ("loop-flows") in PL and CZ.



32 gas PCIs

Fewer, but better focused gas PCIs addressing the critical infrastructure bottlenecks



GAS PCIs:

BEMIP: connecting Baltic States and Finland with the continental network.

CENTRAL AND SOUTH EASTERN EUROPE: speeding up the construction of missing gas infrastructure links, improving market functioning and ensuring access to three supply sources.

WESTERN: increasing short-term gas deliverability and further diversification routes of supply

SOUTHERN GAS CORRIDOR: connecting the EU market to new sources of gas in the Caspian region, Central Asia and the eastern Mediterranean.

Way forward

- By April 2021, around 86 of CEF Actions have been already implemented
- Over 30 PCIs have been completed so far and a further 75 are expected to be completed by 2022 with 30 more due for completion by 2025
- The 2024 CEF call for proposals for PCIs could be the first call when PCIs selected on the basis of the revised TEN-E Regulation (6th PCI list) would be eligible

Thank you

ENER-CEF-ENERGY-INFO@ec.europa.eu