



European energy infrastructure policy

CEF Energy Call Virtual Info Day

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

Market integration

Security of supply

Sustainability

Competitiveness



CO2 transport
Smart grids

Criteria / CBA

Regional cooperation &
High Level Groups

Union List of PCIs

Accelerated
permit
granting

Regulatory
measures

EU financial
assistance

For information: the revised TEN-E Regulation 2022/869

- New and updated infrastructure categories and reconfigured priority corridors and areas;
- Dedicated offshore planning provisions;
- No natural gas under TEN-E*, but support for hydrogen, electrolysers and local low-carbon and renewable gases;
- Enhanced regulatory and permitting provisions to accelerate PCI implementation;
- Strengthened cross-sectoral energy infrastructure planning;
- Projects of mutual interest with third countries.

Important:

- The current call is the last one under the old TEN-E Regulation 347/2013 and the fifth PCI list.
- Hence: new TEN-E Regulation **not relevant** yet.



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

- Energy infrastructure is a key pillar of EU energy policy to deliver on the European Green Deal, Fit For 55 and the REPowerEU Plan.
- New policy challenges since REPowerEU: the accelerated pace of deploying renewable energy sources and of energy system integration.
- The CEF programme for 2021-2027 provides crucial support to:
 - Infrastructure projects under the policy to develop Trans-European networks (TEN-E);
 - Cross-border projects in the field of renewable energy, through a smaller funding window.

The REPowerEU Plan

- Bringing a significant change to the energy system: increasing quantities and directions of energy flows require an integrated energy market through **increased cross-border connections**;
- **Improving energy infrastructure** and facilities to meet **immediate security of supply needs** for oil and gas, notably to enable diversification of supply in the interest of the Union as a whole;
- Addressing internal and cross-border energy **transmission bottlenecks**;
- Accelerating implementation of electricity PCIs.

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



Fifth list of PCIs

Delegated Regulation 2022/564 of 19
November 2021

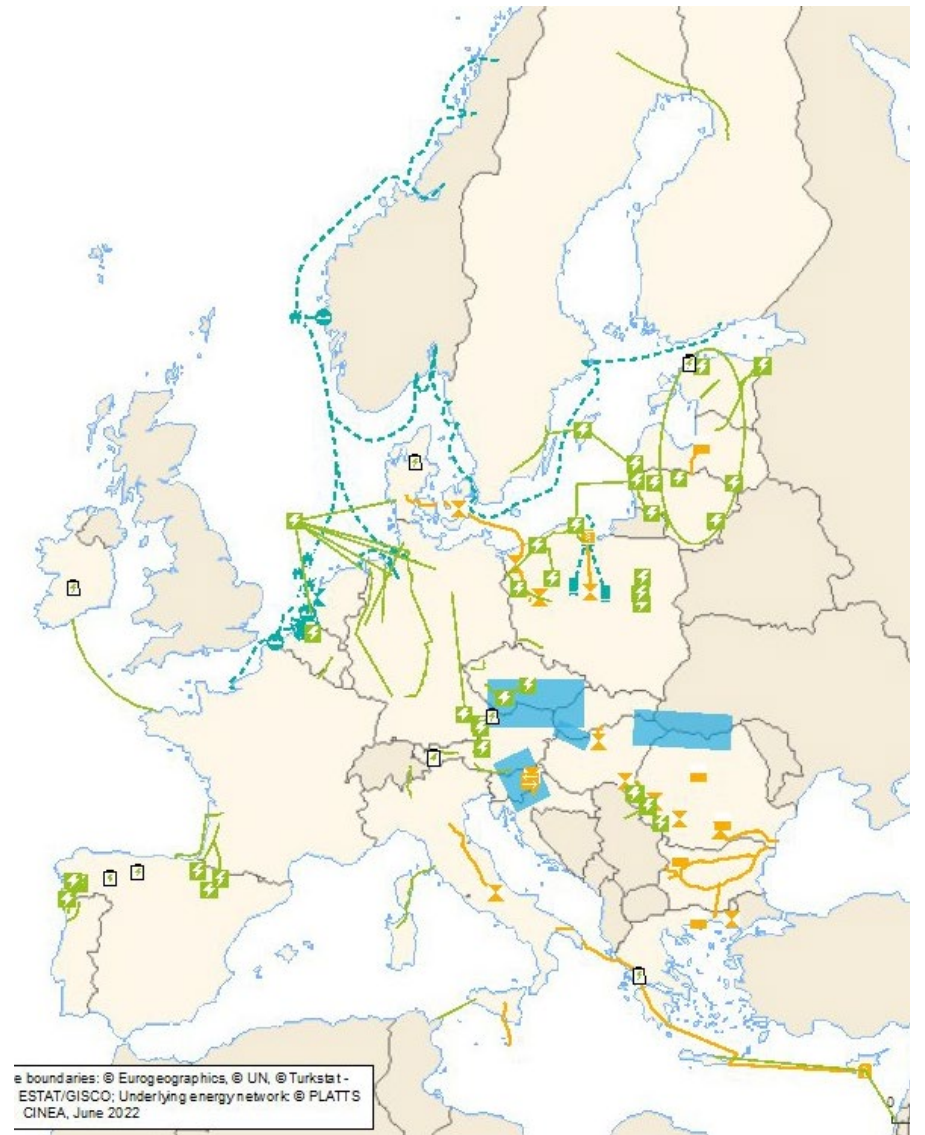
[EUR-Lex - 32022R0564 - EN - EUR-Lex
\(europa.eu\)](https://eur-lex.europa.eu/eli/reg_del/2022/564/01)

+ **67 electricity transmission and
storage projects**

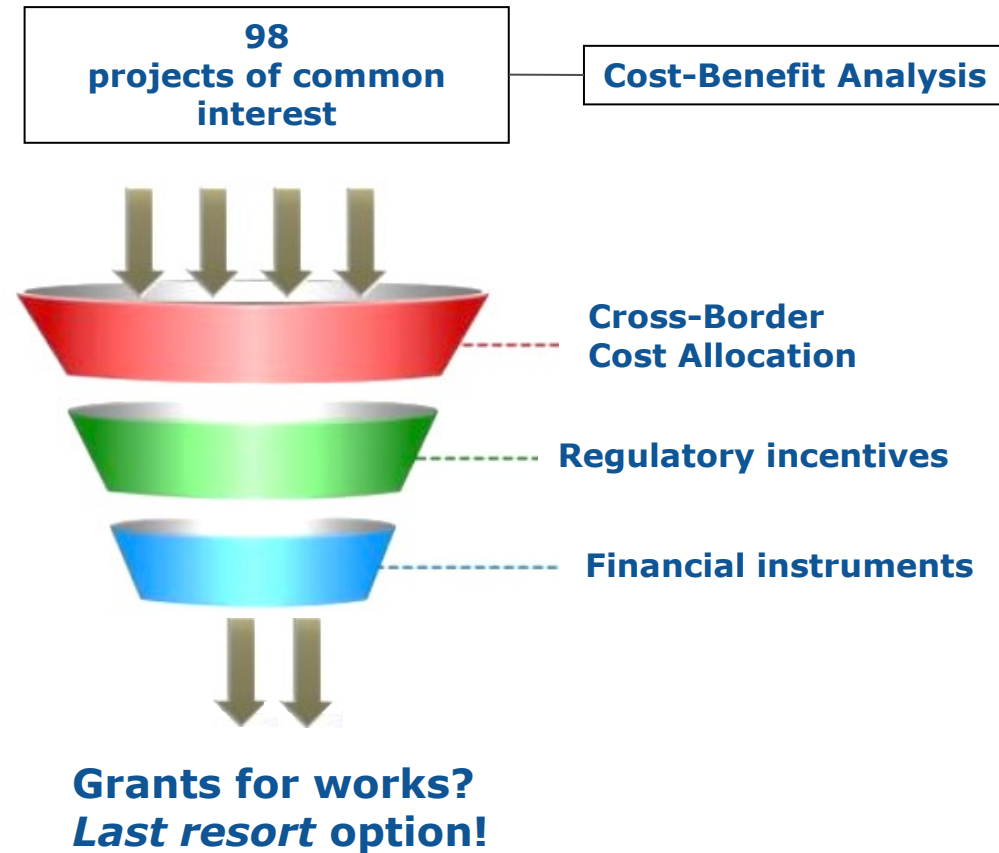
+ **20 gas projects**

+ **6 cross-border carbon dioxide
network projects**

+ **5 smart grids projects** = **98 PCIs**



Grants for works – limited to PCIs that need them



67 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
- Interconnection FR - IE
- Enabling off-shore grid to harness significant RES potential.
- Green Hydrogen Hub Compressed Air Storage (DK)

- Western Europe -

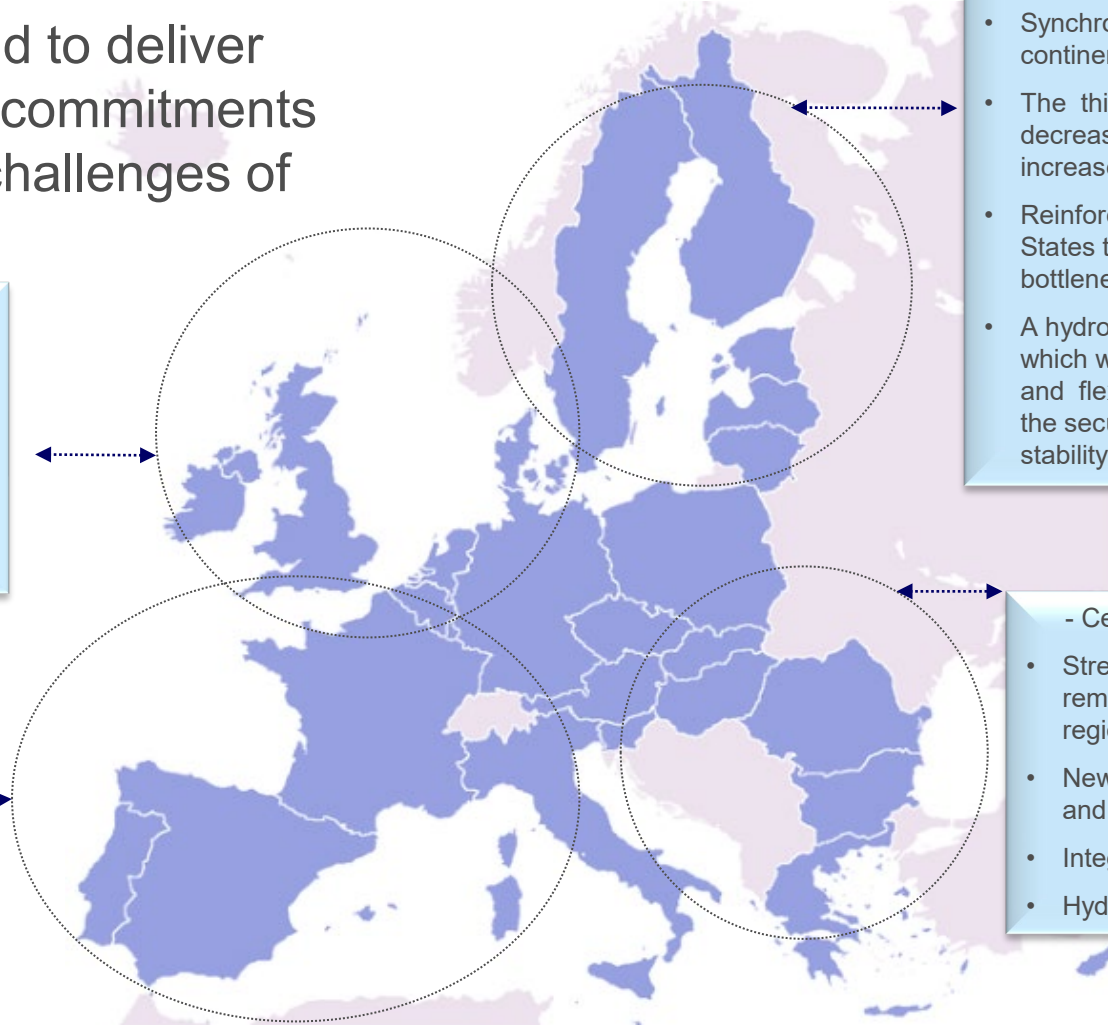
- Further integration of Iberian Peninsula with the rest of Europe.
- Integration of RES.
- Better market integration by increased capacity between FR-ES, IT-CH, FR-BE
- Increase system flexibility (storage)

- 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.
- A hydro-pump storage project in EE which will provide further balancing and flexibility services and improve the security of supply and system stability.

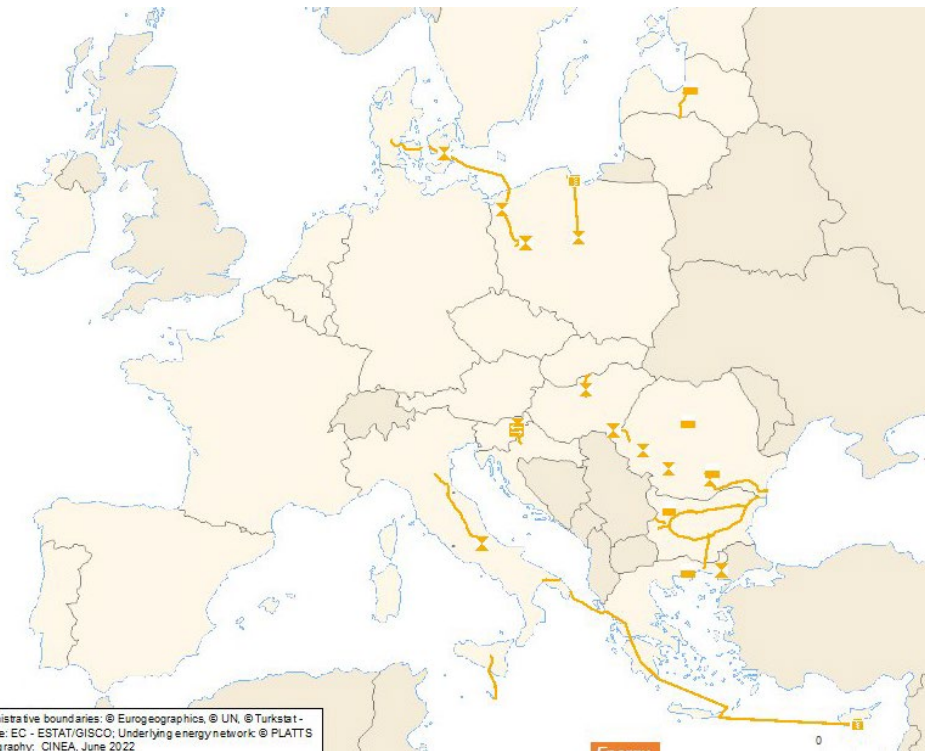
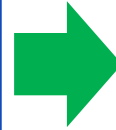
- Central and South Eastern Europe -

- Strengthening the existing grid and removing internal bottlenecks in the region.
- New interconnections AT-DE, CY-EL and RO-RS
- Integration of RES.
- Hydro-pumped electricity storage in EL.



20 gas PCIs

Few, but well 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.

SOUTHERN GAS CORRIDOR: connecting the EU market to new sources of gas in the eastern Mediterranean.

Way forward

- 79 PCIs have been completed so far, of which 30 received CEF support.
- After the entry into force of the revised TEN-E Regulation in June 2022, the first list of PCIs and PMIs is expected in autumn 2023.
- A new Multiannual Work Programme (MAWP) for CEF Energy will be adopted for the period starting in 2024.
- The 2024 CEF call for proposals for PCIs will be the first call in which projects from the new list will be eligible.

Thank you

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