The Connecting Europe Facility (CEF) is a key EU funding instrument of €30 billion to promote growth, jobs and competitiveness through targeted infrastructure investment at European level. It supports the development of high performing, sustainable and efficiently interconnected trans-European networks in the fields of energy, transport and digital services. Synergies across the three CEF sectors are encouraged through an increased co-funding rate.

CEF Energy provides funding to electricity, gas, smart grids and cross-border CO2 network infrastructure projects aiming to better interconnect energy networks towards a single European energy market.

The programme supports the key objectives of the Energy Union by:

- promoting further integration of the internal energy market
- enhancing security of energy supply
- integrating energy from renewable sources into the network.

In 2014-2020, the Innovation and Networks Agency (INEA) will have managed €4.6 billion of CEF funding to support energy infrastructure projects.

The Innovation and Networks Executive Agency

making implementation happen

INEA is an Executive Agency established by the European Commission to implement parts of EU funding programmes for transport, energy and telecommunications. The Agency’s mission is to provide its stakeholders with expertise and high-level programme management, whilst promoting synergies among programmes, in order to benefit economic growth and EU citizens.

In the 2014-2020 period INEA will have managed over 10,500 projects including about 170 in CEF Energy.

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CEF Energy Action Examples per sector

**Goals in the electricity sector**
- Complete the internal energy market
- Increase the share of renewables in new electricity lines
- Provide the means to help EU Member States end energy isolation

**Baltic Synchronisation Project – Phase I**
*Port of PC 48.1*
- 01/2019 – 12/2025
- The Action relates to the construction of the Baltic Interconnector between France and Ireland: the landfall facilities of a 75 km subsea cable at $750 MW. Once completed, it will enhance the security of electricity users for Ireland and France and help facilitate the transition to low carbon energy future.

**Delivery of the Celtic Interconnector**
*Port of PC 1.6*
- 08/2019 – 12/2025
- The Action relates to the Celtic Interconnector, a bidirectional gas pipeline that will allow flow of gas towards Denmark with the reverse functionality of the Baltic Pipe.

**Works for the Baltic Pipe**
*Port of PC 8.3*
- 01/2019 – 12/2022
- The Action relates to the construction of the Baltic Pipe, a bidirectional gas pipeline which contributes to the implementation of two or several PCIs.

**Reverse Flow on TEMP**
*Port of PC 5.10*
- 07/2016 – 01/2025
- The Action relates to a new reverse flow functionality at the Hughelem compressor stations, located in Lithuania, which are part of the CEF Energy Portfolio.

**Goals in the gas sector**
- Increase the security of gas supply and open access for consumers and market participants.
- Reduce the cost of gas transmission and storage infrastructure.
- Replace the use of more carbon-intensive fuels (e.g. coal, oil, products) with low or negative CO₂ emissions.

**CEF Energy Smart grids sector**
- Increase efficiency and interoperability of electricity transmission and distribution in day-to-day network operation
- Improve network security, system control and stability of supply.

**ACOM Smart Grids**
*Port of PC 10.4*
- 10/2018 – 12/2024
- The Action relates to the modernisation and improvement of the distribution grid: high and medium voltage level in different locations in the Czech Republic and Slovakia.

**Rotterdam CCUS project – PORTHOS**
*Port of PC 12.3*
- 12/2018 – 12/2020
- The Action relates to a set of studies aimed at designing and engineering the development of a high-volume CO₂ transportation infrastructure system from onshore large point sources in the Port of Rotterdam to CO₂ storage locations in the Dutch and UK parts of the North Sea.

**CEF Energy Portfolio**
- Increase efficiency and interoperability of electricity transmission and distribution in day-to-day network operation
- Improve network security, system control and stability of supply.

**More funding opportunities**
For works and studies in energy infrastructure, electricity, gas, smart grids and cross border CO₂ networks in 2020