



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.

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.



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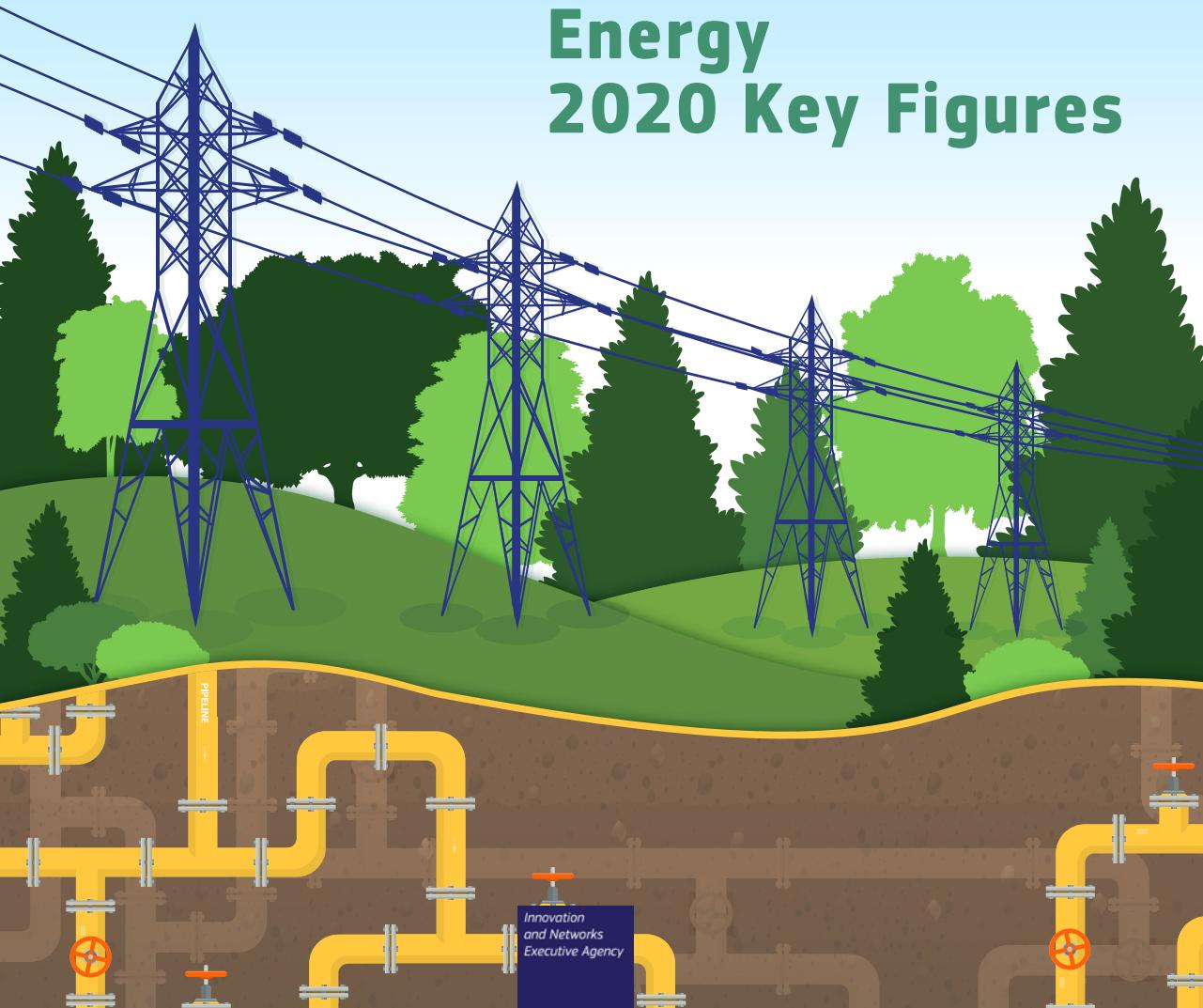
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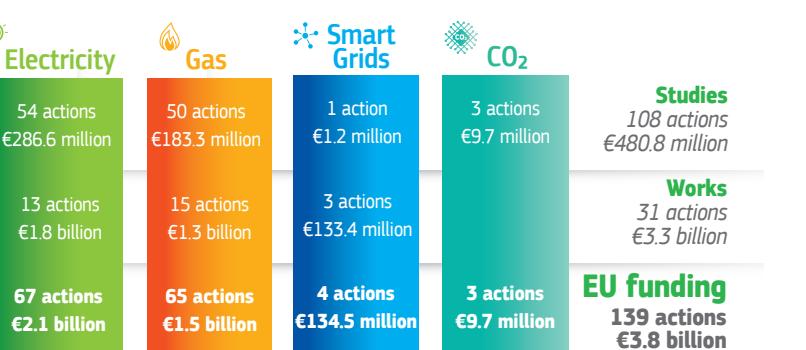


Connecting Europe Facility Energy 2020 Key Figures



CEF Energy Portfolio

Regular **calls for proposals** are launched within the framework of the CEF Energy programme to ensure a constant flow of EU support to projects in the field. Issued by INEA, the calls are open only to those **Actions that contribute** to the realisation of the **Projects of Common Interest (PCI)**, which are identified based on the needs of EU energy infrastructure.



CEF Energy currently contributes **€3.8 billion** in EU support to the implementation of **96 PCIs**.

MORE FUNDING OPPORTUNITIES for works and studies in **energy infrastructure** (electricity, gas, smart grids and cross-border CO₂ network) **IN 2020**

What is an Action?

Within the framework of the CEF Energy programme, an Action is an activity or set of activities, usually lasting several years, which contributes to the implementation of one or several PCIs. An Action can be works or a study. Completion of an Action does not necessarily coincide with the completion of a PCI.



139 ACTIONS
€3.8 BILLION

What is a Project?

Within the framework of the CEF Energy programme, a project is understood as a PCI. The list of the PCIs is adopted by the European Commission based on the needs of the European energy infrastructure network and reviewed regularly.

CEF Energy Action Examples per sector

Goals in the electricity sector

- complete the internal energy market
- increase the share of renewables through new electricity lines
- provide the means to help EU Member States end energy isolation

Baltic Synchronisation Project – Phase 1

Part of PCI 4.8.1

01/2019

12/2025

The Action relates to the construction or reconstruction of new or existing lines in Latvia, Lithuania and Estonia as well as the construction of new autotransformers and a switchyard in Lithuania. It also supports the installation of new voltage control units, equipment for providing of inertia and frequency regulation in the Baltics and preparatory works of the Automatic Generation Control (AGC) and frequency control monitoring systems. Upon its completion together with Phase II, the Baltic States will be ready to operate in synchronous mode with Central European Network.

Beneficiaries: LITGRID AB (LT),

AS Augstsprieguma tīkls (LV), Elering AS (EE)

EU funding: €322.7 million

Delivery of the Celtic Interconnector

Part of PCI 1.6

09/2019

12/2025

The Action relates to the construction of the Celtic Interconnector between France and Ireland consisting of a HVDC subsea cable of 575 km with a capacity of around 700 MW. Once completed, it will enhance the security of supply for electricity users in both Ireland and France and help facilitate the transition to a low carbon energy future.



Works for the Baltic Pipe

Part of PCI 8.3

01/2019

12/2022

The Action relates to the construction of the Baltic Pipe, a bidirectional gas pipeline that will physically connect the Danish and Polish gas transmission systems through the Baltic Sea and allow the import of 10bcm/y of gas from Norway to Poland and then to other EU countries. It includes a gas pipeline connecting Poland and Denmark through the Baltic Sea, as well as onshore pipeline sections in both countries, the receiving terminal and the expansion of two compressor stations in Poland. The reverse functionality of the Baltic Pipe will allow flow of gas towards Denmark with transmission up to 3bcm/y.

Beneficiary: Operator Gazociągów Przesyłowych GAZ-SYSTEM S.A. (PL)

EU funding: €214.9 million

Reverse Flow on TENP

Part of PCI 5.10

07/2016

10/2019

The Action relates to a new reverse flow functionality at the Hügelheim compressor station, and the construction of an innovative industrial-scale de-odorisation plant in Schwörstadt, Germany. It is a part of the flow reversal on the Trans Europa Naturgas Pipeline (TENP) system. The de-odorisation plant will be able to remove the odorant, which is injected into the French high-pressure gas transport network but not into the German, hence allowing the import of natural gas from Italy/France via Switzerland into Germany.



Beneficiaries: Fluxys TENP GmbH (DE), TENP KG (DE)

EU funding: €8.6 million

Goals in the smart grids sector

- increase efficiency and interoperability of electricity transmission and distribution in day-to-day network operation
- improve network security, system control and quality of supply

ACON Smart Grids

Part of PCI 10.4

10/2018

12/2024

Beneficiaries: Závodoslovenská Distribučná, a.s. (SK), E.ON Distribuce, a.s. (CZ)

EU funding: €91.2 million

Goals in the CO₂ sector

- avoid CO₂ emissions while maintaining security of energy supply
- increase the resilience and security of CO₂ transport
- enable the connection of multiple CO₂ sources and storage sites via common infrastructure

Rotterdam CCUS project - PORTHOS

Part of PCI 12.3

12/2018

12/2020

Beneficiaries: Port of Rotterdam (NL), Gasunie (NL), EBN B.V (NL)

EU funding: €6.5 million

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.