

FACTSHEET

Public Open Data

CEF Telecom projects at a glance



This factsheet provides a snapshot of **Public Open Data projects** funded under the **CEF Telecom Programme** (2014-2020) and the sectors or fields in which each project was developed, showcasing some projects and their impact. Additionally, this factsheet aims to portray how **Digital Europe Programme** took the baton and supports **Common European Data Spaces**.

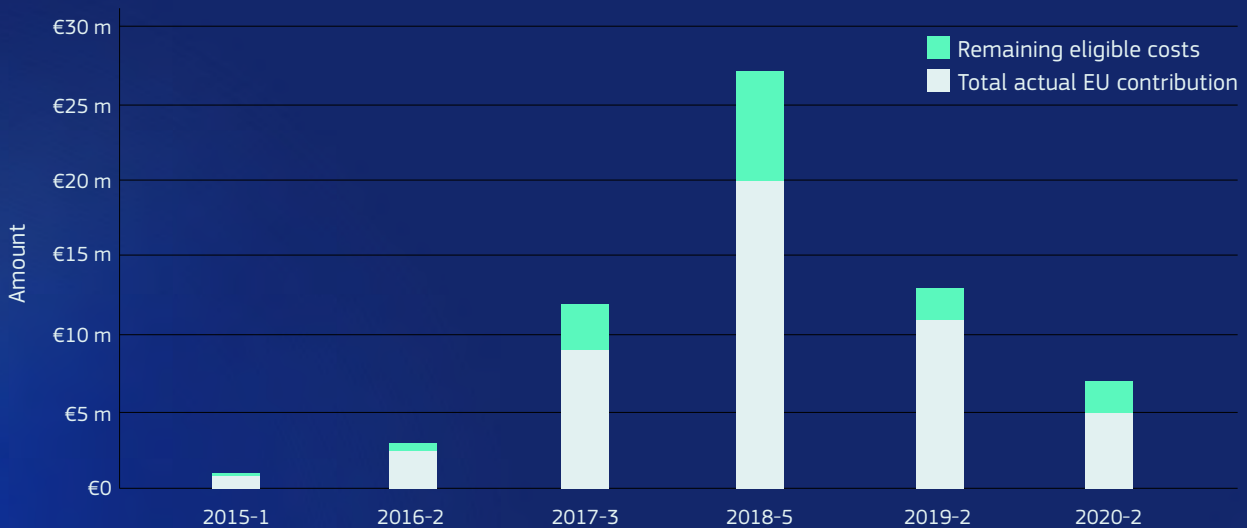
Public Open Data is a service providing facilitated and harmonised access to datasets created and managed by public bodies across the EU. The overall objective is the improvement of **Digital Service Infrastructures** and the development of information products and services based on the **re-use and combination of data** held by public and commercial actors across the EU.

Public Data is all the information that public bodies **produce, collect** or **pay for**. This information is significant for reuse in new products and services. By opening the public data, participation was promoted among citizens and experts in political and social life.

CEF Telecom: facts and figures

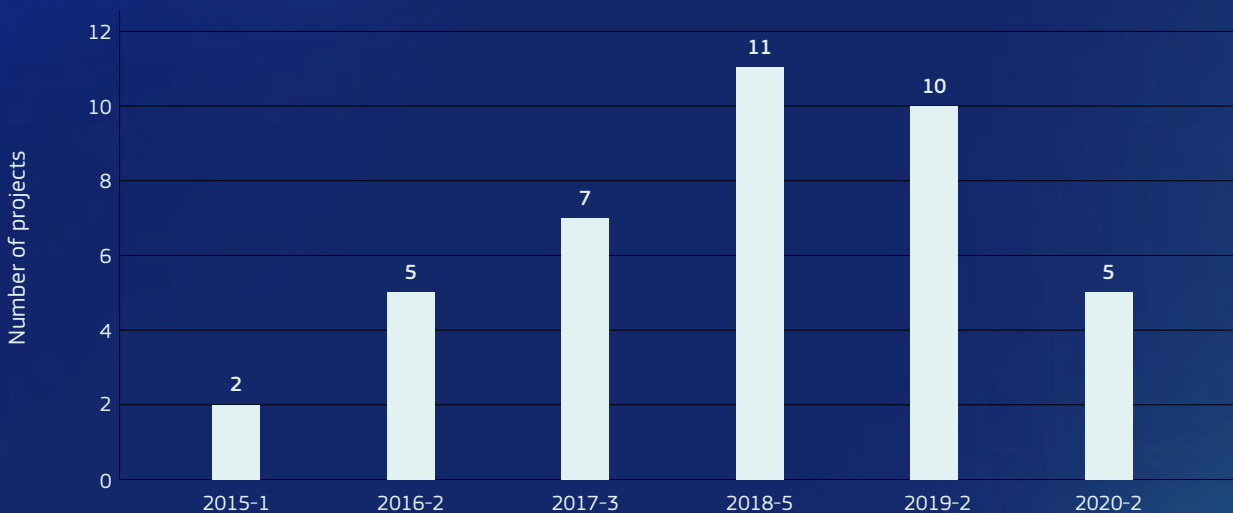
The data presented here is the result of a data analysis from the summaries and data repositories available, the final technical reports and the internal feedback to policy report.

Actual EU contribution vs Total eligible costs by call



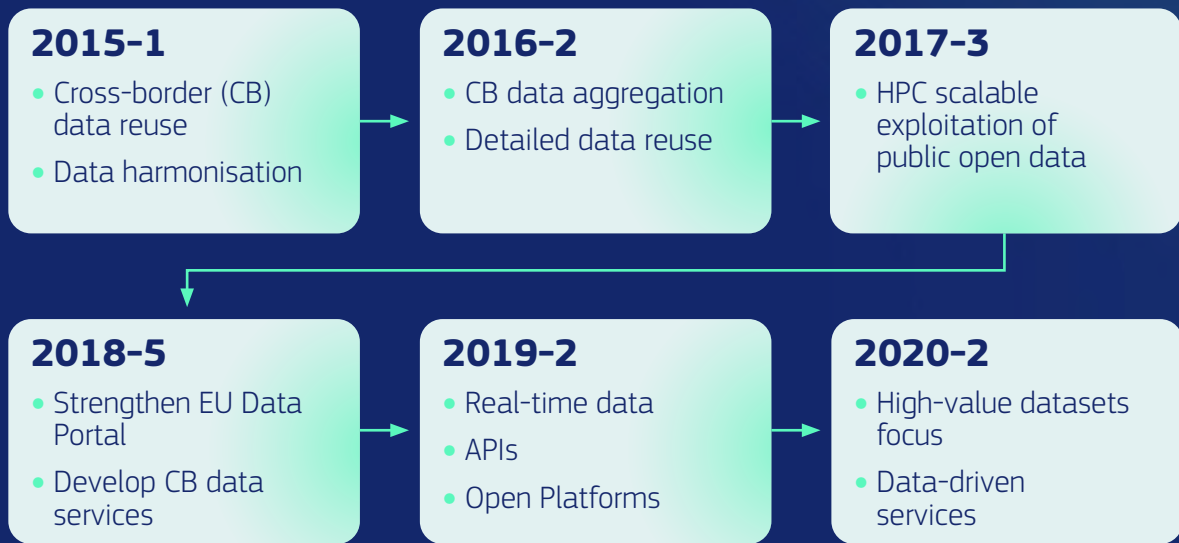
A total of **€46 697 743** has been contributed under **CEF Telecom for Public Open Data projects**. In 2018, projects received a total amount of **€20 115 481** for **11 projects** which were mainly related to **environmental purposes**.

Number of projects funded by call

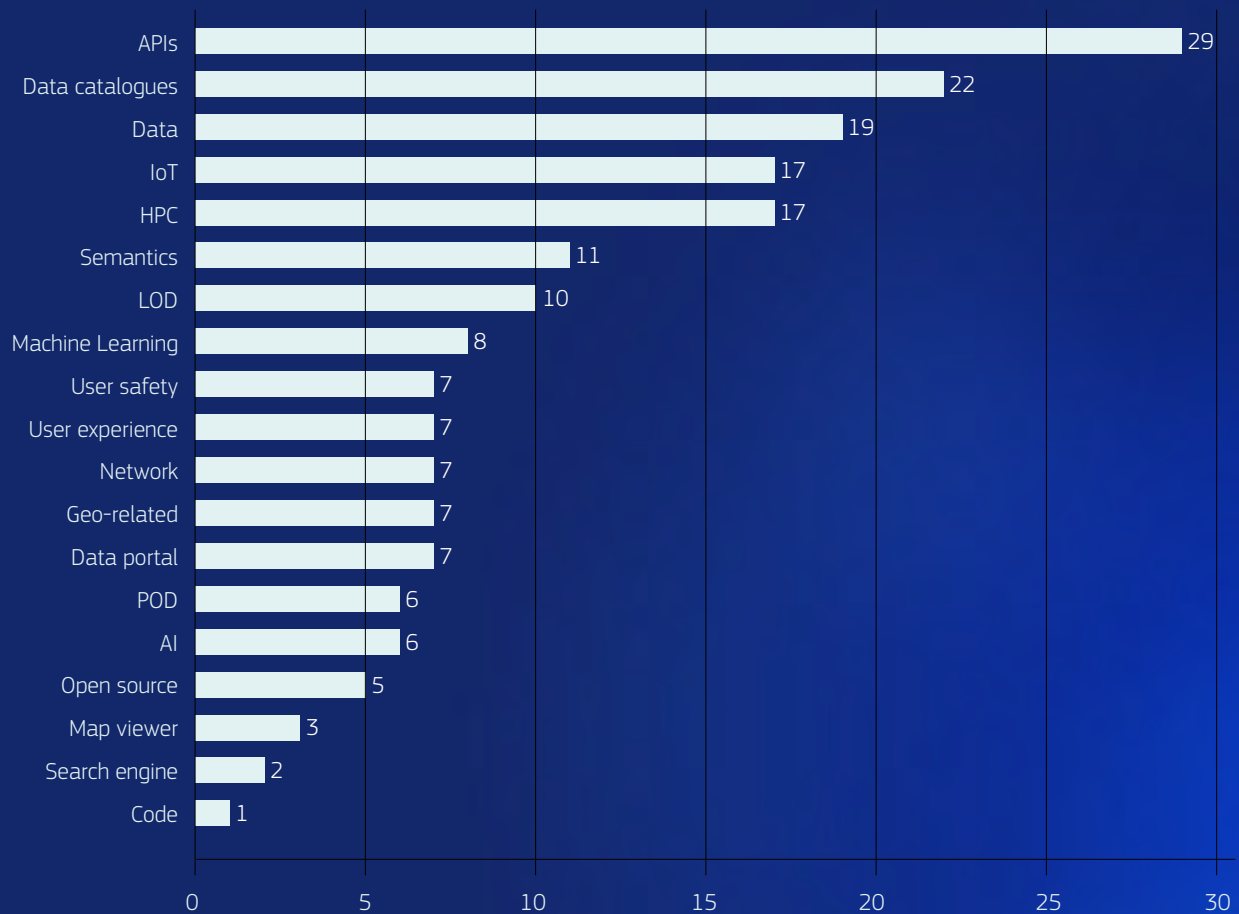


A total of **40 projects** have been funded.

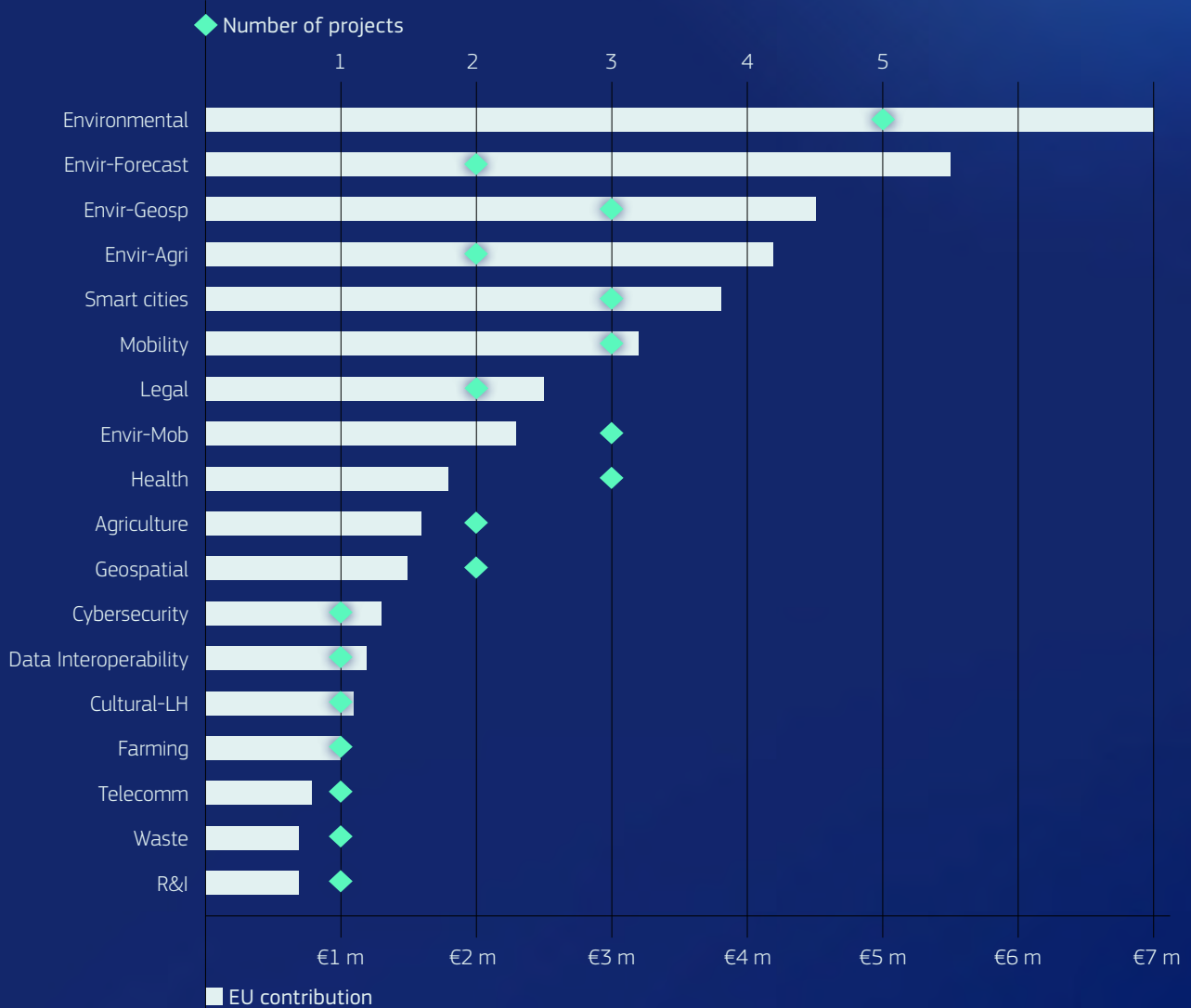
Calls and main objectives



Main groups of technologies



EU Contribution and number of projects by Sector



A total of **17 projects** were related to **environmental projects** including its combinations with other sectors. **Smart cities** (4) and **Mobility** (3) followed, interconnected in **city management**. For the analysis, data was extracted from the projects' final technical reports and reduced to manageable data.

Highlights

Environment-Agriculture

OPEN IACS

Open Linked Open Data (LOD) platform based on HPC for integrated Administration of Common Agriculture Policy (CAP) sharing solutions in the Integrated Administration and Control System (IACS).

- open-iacs-project.com
- data.europa.eu

Environment-Mobility

LOD RoadTran18

Reuse of traffic information incorporating links to other thematic datasets (transport, geospatial, environmental, weather...).

- cef.uv.es/lodroadtran18
- data.europa.eu

Environment-Geospatial

Geo-harmonizer

EU-wide automated mapping system for harmonising Open Data using FOSS4G and Machine Learning. Original, modular web platform for hosting and accessing thematic geospatial layers.

- opendatascience.eu/geoharmonizer-project
- data.europa.eu

SPOTTED

Integration and customised processing of massive open data collections, including EO data, to monitor and support decision makers in managing green areas.

- cef-spotted.eu

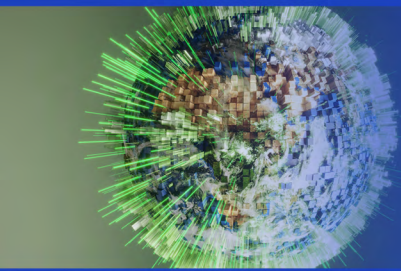
Environment-Forecast

HIGHLANDER

Processes data using HPC to generate climate forecasts and reduce risks related to climate change.

- highlanderproject.eu/

Environment



GO-PEG

Provides access to harmonised thematic open datasets and metadata in the areas of environment, emergency, and disaster management.

- www.go-peg.eu
- data.europa.eu



Baltic Data Flows

Improves sharing and harmonisation of marine environmental data to support a shift to service-based data sharing.

- balticdataflows.helcom.fi

Agriculture



GRAPEVINE

Uses open data, HPC, and Deep Learning to provide predictive tools to help farmers prevent and manage grapevine diseases.

- www.ita.es/en/project/grapevine
- data.europa.eu

Farming



SEBASTIEN

Developed an Open Data and Services Exploitation Portal providing tools to manage environmental stressors, pasture availability, and disease risks.

- www.sebastien-project.eu

Energy-Mobility



DYDAS – Dynamic Data Analytics Services

Enables secure data sharing and analytics, supporting the public and industry sectors with innovative monetisation and smart city services.

- www.dydas.eu

Mobility



GreenMov

Develops harmonised data models and smart services for green mobility using data from the European Data Portal and Copernicus.

- green-mov.eu
- data.europa.eu

Cultural Heritage



Saint George on a Bike

Enhanced open metadata for European cultural heritage images and developed high-performance enrichment tools for 2D artwork metadata.

— saintgeorgeonabike.eu

Smart cities



ODALA

Deployed hybrid Data Lakes in five cities to harmonise real-time and legacy data and enable semantic interoperability.

— oascities.org/odala-developing-the-future-of-smart-cities-communities/
— data.europa.eu



Urban Co-creation Data Lab (UCD Lab)

Supported municipalities in using complex data for decisions on mobility, waste, parking, pollution, and emergencies.

— www.urbandatalab.pt



SALTED

Enriches datasets with linked data, semantics, and AI using diverse sources like IoT, open data, websites, and social media.

— salted-project.eu
— data.europa.eu



YODA

Provides citizens with real-time, personalised dashboards on public bike systems, events, parking, and service predictions.

— portal-yoda.dit.upm.es

Health



WHOW – Water Health Open knowledge

Created a data ecosystem on water consumption, quality, health, and disease to support SDG-related services and analysis.

— whowproject.eu

From CEF Telecom to Digital Europe Programme

Digital Europe Programme continues support for data-related projects, following the **European Data Strategy**. Technologies continue the legacy from CEF Telecom projects, especially in those that introduce AI and High Performance Computing.

The calls developing the **Common European Data Spaces**, promote interoperability of data sharing, security, high-quality data and its reuse in other sectors. Depending on the specific area, they have sector-related objectives, including the upscaling of manufacturing, AI use in cloud computing, and stakeholder collaboration for upskilling projects. The data generated by the funded projects would be especially useful for supplying large amounts of diverse information for AI systems.

For more information on HaDEA's activities in implementing the Digital Europe Programme and to explore the latest funding opportunities, visit the **HaDEA website** and consult the **Funding & Tenders Portal** for open calls under the Digital Europe Programme.

Digital Europe Programme calls on Public Open Data

- [European Data Space for Cultural Heritage](#)
- [Tourism Data Space](#)
- [Data Space for Manufacturing \(deployment\)](#)
- [European Data Space for Skills](#)