

Digital data exchange platforms for buildings enabling whole life carbon and energy performance assessment

Horizon Europe

CODICE	AMBITO
HORIZON-CL5-2026-09-D4-03	Internazionale
LOCALITÀ	STATO
Europa	In Attesa
PROGRAMMA	CURATO DA
Horizon Europe	Maria Macedo
GENERATO IL	
28 aprile 2026	

Descrizione

Objectives

This incentive aims to stimulate the integration of whole life carbon data and energy performance assessment in the building sector by supporting the development of digital data exchange platforms. The primary objective is to improve the accuracy and interoperability of building information tools and certification schemes, aligning with EU policy on sustainability and decarbonization, such as the Energy Performance of Buildings Directive and Construction Products Regulation. Eligible applicants include all legal entities except those established in China, and proposals must be demonstrable across a diverse range of building typologies in at least three large-scale pilots.

Project Types

The eligible project typologies are centered on the demonstration and validation of digital platforms for the aggregation of life cycle and energy data for buildings. Projects should:

- Develop comprehensive building information tools, assessments, and/or certificates using digital data platforms.
- Integrate data sources such as whole life carbon assessments, Digital Product Passports, EPCs, Smart Readiness Indicators, Building Renovation Passports, and Digital Building Logbooks.
- Utilize advanced data analytics, standardize data exchange, and ensure interoperability with digital twins and BIM-based models.
- Conduct validation in three or more large-scale pilots covering various building types (residential, commercial, educational, etc.) and use cases.

Financing

The support will be provided in the form of a lump sum grant under the "HORIZON Innovation Actions" mechanism. The indicative budget for this call is €15,750,000, with an expected EU contribution per project of approximately €5,250,000, and about three projects funded. The funding rate for Innovation Actions is typically up to 70% of eligible costs, except for non-profit entities, which may receive up to 100%.

Restrictions and Indicators

The maximum project duration is not explicitly mentioned, but activities are expected to achieve Technology Readiness Level (TRL) 6-8 by project end. Projects must adhere to the general rules of Horizon Europe, including specific restrictions (e.g., legal entities from China are not eligible). Result indicators include the increase in digital tools for carbon and energy performance integration, enhanced data availability, validated data exchange platforms, and the tangible contribution to the Built4People partnership KPIs. Proposals must also ensure ethical use of data and the use of EU satellite-based systems if earth observation or navigation data is used.

Date e Scadenze

DATA DI PUBBLICAZIONE

Non definita

DATA DI APERTURA

5 maggio 2026

Fasi di Candidatura

- Deadline: 15 settembre 2026 alle ore 15:00

Dettagli Finanziari

TIPO DI SUPPORTO

Contributo a Fondo Perduto

TASSO MASSIMO DI FINANZIAMENTO

100%

BUDGET

15.8M€

VALORE DI PROGETTO AMMISSIBILE

Up to 5.3M€

Criteri e Documenti

Spese Ammissibili

- Personnel
- Travel and subsistence
- Other goods, works and services
- Equipment
- Subcontracting
- Indirect costs

Condizioni di Accesso

- Legal entities from EU Member States and Associated Countries
- Adherence to Horizon Europe admissibility and eligibility rules
- At least 3 entities from 3 countries
- Compliance with general and specific admissibility and eligibility criteria of Horizon Europe

Criteri di Selezione

- Excellence (scientific and technical merit)

- Impact (contribution to policy and partnership KPIs)
- Quality and efficiency of implementation

Informazioni Obbligatorie

- Completed application form (Part A and Part B)
- Annexes if required
- Lump sum budget file

Indicatori di Risultato

- Number of digital data exchange platforms validated
- Improvement in building life cycle carbon assessments
- Degree of interoperability with existing building data standards
- Knowledge transfer to Built4People Partnership network

Dettagli Programma UE

ID BANDO

HORIZON-CL5-2026-09-D4-03

DESTINAZIONE

Using energy in buildings and industry in an efficient, affordable and sustainable way (2026-27)

CONTRIBUTO UE

around €5,250,000 per project

REGOLA DEL TASSO DI FINANZIAMENTO

Up to 70% for Innovation Actions (up to 100% for non-profit entities only)

CLUSTER

5: Climate, Energy and Mobility

MODALITÀ DI PRESENTAZIONE

Single-stage

PROGETTI PREVISTI

3

Idoneità

Settori Idonei

- Energia e Ambiente
- ICT e Software
- Edilizia

Dimensioni Aziendali

- Micro
- PMI
- Small Mid-Cap
- Mid-Cap
- Grande
- Enti privati non profit
- Enti pubblici

Tipi di Azione

- Development of digital platforms for whole life carbon and energy data
 - Integration of building certification and sustainability assessment systems
 - Demonstration and validation in large-scale pilots
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Link Ufficiali

Regolamento Ufficiale: <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL5-2026-09-D4-03>

Pagina Grantavia: <https://grantavia.com/it/incentives/innovation-actions-digital-data-exchange-platforms-for-buildings-enabling-whole-life-carbon-and-energy-performance-assessment>

Prenota un incontro: <https://calendly.com/ines-carreira-fi-group/reuniao>