

Smart Building User-Centric Solutions

Horizon Europe

CODICE	AMBITO
HORIZON-CL5-2026-09-D4-01	Internazionale
LOCALITÀ	STATO
Europa	In Attesa
PROGRAMMA	CURATO DA
Horizon Europe	Maria Macedo
GENERATO IL	
28 aprile 2026	

Descrizione

Objectives

This funding opportunity aims to increase the understanding of how smart, secure, and integrated energy-efficient building systems are perceived and utilized across diverse user and demographic groups. The main objective is to improve the actual performance and user-friendliness of smart building solutions by studying physiological, behavioral, social, environmental, and cultural factors that influence their effective adoption and impact. Eligible entities include research organizations, public and private institutions, and consortia established in EU Member States or Associated Countries, except legal entities established in China, which are not eligible to participate under this destination.

Project Types

Funded projects are expected to conduct research and validation activities addressing the following: assessment of existing and novel smart building solutions for different social and economic groups; identification and analysis of barriers and enablers for adoption among varied socio-demographic groups; validation in at least three different types of buildings (e.g., residential, social housing, commercial, offices), each located in a different Member State or Associated Country; and the development of actionable stakeholder recommendations. Eligible expenses typically include personnel costs, equipment, research and laboratory expenses, travel, and dissemination activities. Projects are required to involve SSH (Social Sciences and Humanities) disciplines to strengthen the societal impact of outcomes.

Financing

The call provides a total budget allocation of €15,750,000. Expected EU contribution per project is around €5,250,000, with an indicative number of 3 projects to be funded under this topic. The funding rate follows Horizon Europe rules for Research and Innovation Actions (typically up to 100% of eligible costs). Lump sum grant methodology will be used. Budget limits should align with project scope and requested activities.

Key Conditions

Informazioni curate da Grantavia. Confermi sempre i dettagli finali nel regolamento ufficiale prima di preparare una candidatura.

Projects may start at any technology readiness level (TRL), but activities are expected to achieve TRL 4-5 by completion. Proposals must validate findings in three types of existing buildings across three different eligible countries. Projects must contribute to the Built4People Partnership, share knowledge with innovation clusters, and support the monitoring of Built4People KPIs. Proposals require effective involvement of SSH expertise. Legal entities from China are ineligible for participation. Key performance indicators must align with energy efficiency improvements, user satisfaction, and broader climate and societal impacts. The maximum project duration follows Horizon Europe standard limitations based on the scope and complexity of activities proposed.

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

- Consortium must include partners from at least three different EU Member States or Associated Countries
- SSH expertise is mandatory
- Adherence to Horizon Europe admissibility and eligibility rules
- Compliance with general and specific admissibility and eligibility criteria of Horizon Europe
- Legal entities from EU Member States and Associated Countries

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

- Energy savings achieved
- Increase in occupant satisfaction and wellbeing
- Validated improvements in building system usability
- Stakeholder adoption of recommendations
- Dissemination outputs

Dettagli Programma UE

ID BANDO

HORIZON-CL5-2026-09-D4-01

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 100% of eligible costs for Research and Innovation Actions (RIA)

CLUSTER

Climate, Energy and Mobility (Cluster 5)

MODALITÀ DI PRESENTAZIONE

Single-stage

PROGETTI PREVISTI

3

Idoneità

Settori Idonei

- Edilizia
- Energia e Ambiente
- ICT e Software

Dimensioni Aziendali

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

Tipi di Azione

- Research and Innovation Action
- User-centric smart building solutions

- Socio-demographic and behavioral studies
 - Validation in diverse building types
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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-D4-01>

Pagina Grantavia: <https://grantavia.com/it/incentives/smart-building-user-centric-solutions>

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