

Advanced integrated photonic devices for extended features and ultra-low power consumption (RIA) (Photonics Partnership)

Horizon Europe

CODICE	AMBITO
HORIZON-CL4-2027-05-DIGITAL-EMERGING-03	Internazionale
LOCALITÀ	STATO
Europa	In Attesa
PROGRAMMA	CURATO DA
Horizon Europe	Marlene Faria
GENERATO IL	
19 giugno 2026	

Dettagli Finanziari

TIPO DI SUPPORTO

Contributo a Fondo Perduto

TASSO MASSIMO DI FINANZIAMENTO

100%

BUDGET

25M€

VALORE DI PROGETTO AMMISSIBILE

Up to 5M€

DURATA MASSIMA

48 mesi

Date e Scadenze

DATA DI PUBBLICAZIONE

15 giugno 2026

DATA DI APERTURA

17 novembre 2026

Fasi di Candidatura

- Fase unica: 18 marzo 2027 alle ore 16:00

Obiettivi

Objectives

This Horizon Europe Research and Innovation Action (RIA) , implemented under the Photonics Partnership , aims to advance the development of next-generation integrated photonic devices and circuits with enhanced functionality, superior performance and ultra-low power consumption. The call seeks to strengthen Europe's leadership in photonics by enabling the wider deployment of photonic technologies across strategic sectors such as digital technologies, industry, automotive, healthcare and security. Projects are expected to improve the performance of electro-optic systems while reducing energy consumption and increasing the competitiveness of the European photonics ecosystem.

Funding

The topic is funded as a Horizon Europe Research and Innovation Action (RIA) with an indicative budget of €25 million . The call follows a single-stage submission process , opening on 17 November 2026 and closing on 18 March 2027 . Funding supports collaborative research projects capable of delivering breakthrough advances in integrated photonics and low-power electro-optic technologies.

Spese Ammissibili

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

Idoneità

Settori Idonei

- ICT e Software
- Industria

Dimensioni Aziendali

- Micro
- PMI
- Small Mid-Cap
- Mid-Cap

- Grande
- Enti pubblici

Modalità di Candidatura

- Consorzio / Co-promozione

Tipi di Azione

- Research and Innovation Actions

Dettagli Programma UE

ID BANDO

HORIZON-CL4-2027-05-DIGITAL-EMERGING-03

CLUSTER

Digital, Industry and Space (Cluster 4)

DESTINAZIONE

D3. Achieving open strategic autonomy in digital and emerging enabling technologies

MODALITÀ DI PRESENTAZIONE

Single-stage

CONTRIBUTO UE

Around €3,000,000.00 to €5,000,000.00 per project

PROGETTI PREVISTI

6

REGOLA DEL TASSO DI FINANZIAMENTO

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

Link Ufficiali

Regolamento Ufficiale:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL4-2027-05-DIGITAL-EMERGING-03?order=DESC&pageNumber=1&pageSize=50&sortBy=relevance&keywords=HORIZON-CL4-2027-05-DIGITAL%20EMERGING-03&isExactMatch=true>

Pagina Grantavia: <https://grantavia.com/it/incentives/advanced-integrated-photonic-devices-for-extended-features-and-ultra-low-power-consumption-ria-photonics-partnership>

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