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

Horizon Europe

IN ATTESA

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

Ambito
Internazionale

Località
Europa

Curatore
Marlene Faria

DETTAGLI FINANZIARI

Tipo di supporto
Fondo perduto

Intensità Massima di Aiuto
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

Fase única
18 marzo 2027 alle ore 17:00 GMT+1

DESCRIZIONE

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

Modalità di Candidatura
Aggregata / Partenariato

Tipi di Azione
Research and Innovation Actions

Settori Idonei

- ICT e Software
- Industria

Tipologie Aziendali

- Microimpresa
- PMI
- Small Mid-Cap
- Mid-Cap
- Grande impresa
- Enti pubblici

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 dell'Intensità di Aiuto
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://bookings.cloud.microsoft/book/Prenotaunappuntamento@epsa.com/?ismsaljsauthenabled