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

Horizon Europe

PENDENTE

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

Âmbito
Internacional

Localização
Europa

Curadoria
Marlene Faria

DETALHES FINANCEIROS

Tipo de apoio
Fundo Perdido

Taxa Máxima de Financiamento
100%

Dotação
25M€

Valor Elegível do Projeto
Up to 5M€

Duração Máxima
48 meses

DATAS E PRAZOS

Data de Publicação
15 de junho de 2026

Data de Abertura
17 de novembro de 2026

Fase única
18 de março de 2027 às 17:00 GMT+1

DESCRIÇÃO

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.

DESPESAS ELEGÍVEIS

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

ELEGIBILIDADE

Modalidade de Candidatura
Consórcio / Copromoção

Tipos de Ação
Research and Innovation Actions

Setores Elegíveis

- TIC & Software
- Indústria

Tipologia de Beneficiário

- Micro
- PME
- Small Mid-Cap
- Mid-Cap
- Grande
- Entidades públicas

DETALHES DO PROGRAMA UE

ID da Chamada
HORIZON-CL4-2027-05-DIGITAL-EMERGING-03

Cluster
Digital, Industry and Space (Cluster 4)

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

Modo de Submissão
Single-stage

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

Projetos Esperados
6

Regra de Taxa de Financiamento
Up to 100% of eligible costs for Research and Innovation Actions (RIA)

LINKS OFICIAIS

Regulamento Oficial
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

Página no Grantavia
https://grantavia.com/pt/incentives/advanced-integrated-photonic-devices-for-extended-features-and-ultra-low-power-consumption-ria-photonics-partnership

Agendar reunião
https://calendly.com/filipa-silva-epsa/reuniao