

Advanced and Innovative hardware components for Virtual Worlds (RIA) (Virtual Worlds Partnership)

Horizon Europe

CODE	SCOPE
HORIZON-CL4-2027-04-HUMAN-01	International
LOCATION	STATUS
Europe	Pending
PROGRAM	CURATED BY
Horizon Europe	Marlene Faria
GENERATED AT	
June 19, 2026	

Financial Details

SUPPORT TYPE	MAXIMUM FUNDING RATE
Non-Refundable	100%
BUDGET	ELIGIBLE PROJECT VALUE
39M€	Up to 5.6B€
MAXIMUM DURATION	
48 months	

Dates & Deadlines

PUBLICATION DATE

Not defined

OPENING DATE

November 17, 2026

Application Phases

- Fase única: March 18, 2027 at 04:00 PM

Objectives

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This Horizon Europe Research and Innovation Action (RIA) , implemented under the Virtual Worlds Partnership , aims to develop advanced and innovative hardware components for Virtual Worlds and Web 4.0 applications . The call seeks to strengthen Europe's technological leadership in immersive digital environments by supporting next-generation hardware solutions capable of delivering more realistic, interactive, efficient and scalable virtual experiences. Projects are expected to contribute to the development of enabling technologies that support future virtual worlds ecosystems and enhance European competitiveness in emerging digital markets.

Funding

The topic is funded as a Horizon Europe Research and Innovation Action (RIA) under Cluster 4 – Digital, Industry and Space. Funding supports collaborative research projects focused on developing breakthrough hardware technologies that can accelerate the emergence of competitive European Virtual Worlds and Web 4.0 solutions. Funding conditions follow the standard Horizon Europe rules applicable to RIAs.

Eligible Expenses

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

Eligibility

Eligible Sectors

- Industry
- ICT & Software

Company Sizes

- Sme
- Micro
- Mid-Cap
- Large

- Private non-profit entities
- Public entities

Application Mode

- Consortium / Copromotion

Action Types

- Research and Innovation Actions

EU Programme Details

CALL ID

HORIZON-CL4-2027-04-HUMAN-01

CLUSTER

Digital, Industry and Space (Cluster 4)

DESTINATION

D5. Digital and industrial technologies driving human-centric innovation

SUBMISSION MODE

Single-stage

EU CONTRIBUTION

Around €4,800,000.00 to €5,600,000.00 per project

EXPECTED PROJECTS

8

FUNDING RATE RULE

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

Official Links

Official Regulation: <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL4-2027-04-HUMAN-01>

Grantavia page: <https://grantavia.com/en/incentives/advanced-and-innovative-hardware-components-for-virtual-worlds-ria-virtual-worlds-partnership>

Schedule a meeting: <https://calendly.com/ines-carreira-fi-group/reuniao>