

Topic Preview 2027 Horizon Europe Work Programme Cluster 4 “Digital”

Swiss Participation in Horizon Europe

Switzerland is an Associated Country to Horizon Europe and Swiss entities may participate as beneficiaries and coordinators. Call restrictions may apply.

1. Work Programmes, Calls, and Topics

Horizon Europe is divided into several Work Programmes, calls, and topics. The following tables give a preview of the open and forthcoming topics.

Note that the Work Programme is always the leading document and should always be checked, in case the information has been incorrectly transferred into the Funding and Tender Portal.

⚠ Note that an Amendment to the Work Programme 2026/2027 is expected to be published in September 2026 and changes may apply.

HORIZON.2/Global Challenges and European Industrial Competitiveness

HORIZON.2.4/Digital, Industry and Space

Call: HORIZON-CL4-2027-04 - DIGITAL

Deadline: 18.03.2027

This call will be opening on 17 November 2026.

Topic Identifier	Topic Title	Type of Action	Overall EU Budget	No. of Grants
Destination: Achieving open strategic autonomy in digital and emerging enabling technologies (2026-27)				
<u>HORIZON-CL4-2027-04-DIGITAL-EMERGING-04</u>	Apply AI: Challenge-Driven AI Innovation Booster in Apply AI prioritised sectors (RIA) (Partnership in AI, Data and Robotics)	RIA	42,000,000 €	3
<u>HORIZON-CL4-2027-04-DIGITAL-EMERGING-05</u>	Apply AI: AI-Driven Robotics for Industry: Enabling System Integration and Adoption (IA) (Partnership in AI, Data and Robotics)	IA	18,000,000 €	1

<u>HORIZON-CL4-2027-04-DIGITAL-EMERGING-06</u>	International cooperation in AI (IA)	IA	3,000,000 €	2
<u>HORIZON-CL4-2027-04-DIGITAL-EMERGING-10</u>	Horizon scanning and foresight in future enabling digital technologies (CSA)	CSA	4,000,000 €	1
<u>HORIZON-CL4-2027-04-DIGITAL-EMERGING-11</u>	EU Frontier AI Initiative: Developing frontier AI solutions that are safe and computationally efficient within Apply AI (RIA)	RIA	44,000,000 €	1
Destination: Developing an agile and secure single market and infrastructure for data-services and trustworthy artificial intelligence services (2026-27)				
<u>HORIZON-CL4-2027-04-DATA-03</u>	New approaches for decentralized, federated and sustainable AI data processing (RIA)	RIA	35,000,000 €	2
<u>HORIZON-CL4-2027-04-DATA-08</u>	Demand-side 3C pilot demonstrators on converged Telco Edge Cloud Infrastructure (IA)	IA	38,000,000 €	2
<u>HORIZON-CL4-2027-04-DATA-09</u>	Energy efficiency and sustainability of AI data processing in Data Centres (IA)	IA	39,000,000 €	3
Destination: Digital and industrial technologies driving human-centric innovation (2026-27)				
<u>HORIZON-CL4-2027-04-HUMAN-01</u>	Advanced and Innovative hardware components for Virtual Worlds (RIA) (Virtual Worlds Partnership)	RIA	39,000,000 €	8
<u>HORIZON-CL4-2027-04-HUMAN-02</u>	Create a thriving and competitive Virtual Worlds and Web 4.0 ecosystem (CSA) (Virtual Worlds Partnership)	CSA	3,000,000 €	1
<u>HORIZON-CL4-2027-04-HUMAN-07</u>	Facilitate the engagement of European stakeholders in international digital standardisation (CSA)	CSA	7,000,000 €	1

Call: HORIZON-CL4-2027-05 - DIGITAL

Deadline: 18.03.2027

This call will be opening on 17 November 2026.

Topic Identifier	Topic Title	Type of Action	Overall EU Budget	No. of Grants
Destination: Achieving open strategic autonomy in digital and emerging enabling technologies				
<u>HORIZON-CL4-2027-05-DIGITAL-EMERGING-03</u>	Advanced integrated photonic devices for extended features and ultra-low power consumption (RIA) (Photonics Partnership)	RIA	25,000,000 €	6

Call: HORIZON-RAISE-2027-01

Deadline: 02.02.2027

This call will be opening on 22 September 2026.

Topic Identifier	Topic Title	Type of Action	Overall EU Budget	No. of Grants
HORIZON-RAISE-2027-01-01	Automated Scientific Discovery (RAISE pilot)	RIA	29,000,000 €	3
HORIZON-RAISE-2027-01-02	Automated Scientific Discovery – Food (RAISE pilot)	RIA	3,000,000 €	1

2. More Information on Calls and Topics

Funding and Tender Opportunities Portal

The [Funding and Tender Opportunities Portal](#) is the online entry point for Horizon Europe applicants. The portal provides the full topic texts, updates, links to regulations etc.

Work Programme (PDF Version)

In addition to the Funding and Tender Opportunities Portal, the PDF version of the Work Programme, available in the section “Topic conditions and documents” of the topic, provides further information on the topic texts (introduction to the policy background, budget overview etc.).

3. Types of Actions

Type of Action (Abbr.)	Type of Action	Funding Rate	Conditions*	Comment
RIA	Research & Innovation Actions	100%	≥ 3 legal entities from ≥ 3 MS/AC**	Establish new knowledge and/or explore the feasibility of a new or improved technology
IA	Innovation Actions	70% (100% for public & non-profit bodies)	≥ 3 legal entities from ≥ 3 MS/AC**	Produce plans & arrangements or designs for new, altered or improved products, processes or services
CSA	Coordination and Support Actions	100%	≥ 1 legal entities from MS/AC	Contribute to the objectives of the Horizon Europe Programme, excluding research and innovation activities
PCP	Pre-Commercial Procurement	≥ 100%	≥ 1 MS/AC Public Procurer(s) [≥ 1 MS/AC private and/or NGO procurer(s)]	Enable a transnational buyers' group to reinforce the public procurement of R&I (possibly with first deployment of new solutions)

PPI	Public Procurement of Innovative Solutions	≥ 50%	≥ 1 MS/AC Public Procurer(s) [≥ 1 MS/AC private and/or NGO procurer(s)]	Enable a transnational buyers' group to reinforce the early deployment of innovative solutions by overcoming the fragmentation of demand
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* MS: Member State; AC: Associated Country

** Each consortium has to include at least one Member State

4. Partnering Services

Provider	Platform
Euresearch	Overview of Partnering Platforms
European Commission	Funding and Tender Opportunities Portal
European Commission	CORDIS
Enterprise Europe Network (EEN)	Swiss EEN - Innosuisse

5. Further Questions

Your Euresearch Office in the Region for questions regarding formal and administrative matters (proposal submission, eligibility criteria, budgeting, etc.)

[Office in your Region](#)

Your National Contact Point for questions concerning the scientific aspects of your proposal.

[National Contact Points](#)