



Topic Preview 2023-2025

Horizon Europe Framework Programme

Cluster 4 “Digital”

Swiss Participation in Horizon Europe

Switzerland is as a non-associated third country to Horizon Europe. Restrictions to the participation of Swiss entities apply to some topics. For more information refer to the [Euresearch website](#).

⚠ On 2024-04-17, the EC announced an amended work programme for the period 2023 to 2025 with the following main changes:

Destination 4: Digital & Emerging Technologies for Competitiveness and Fit for the Green Deal

- New topic HORIZON-CL4-2024-DIGITAL-EMERGING-02-01 on quantum gravimetry with deadline 18/09/2024
- HORIZON-CL4-2024-DIGITAL-EMERGING-01-42 has a new deadline 18/09/2024 and is renamed to HORIZON-CL4-2024-DIGITAL-EMERGING-02-02
- HORIZON-CL4-2024-DIGITAL-EMERGING-01-34 has new deadline 10/09/2024 and is renamed to HORIZON-CL4-2024-HUMAN-02-36

Call	Budget (EUR Millions)	Deadline(s)
<u>HORIZON-CL4-2024-DIGITAL-EMERGING-02</u>	40.00	18 Sep 2024

Destination 6: A human-centred and ethical development of digital and industrial technologies

Call	Budget (EUR Millions)	Deadline(s)
<u>HORIZON-CL4-2024-HUMAN-02</u>	11.00	10 Sep 2024
<u>HORIZON-CL4-2024-HUMAN-03</u>	72.50	18 Sep 2024

- New topic HORIZON-CL4-2024-HUMAN-02-35 on intellectual asset management with deadline 10/09/2024
- New topic HORIZON-CL4-2024-HUMAN-03-01 on large AI models with deadline 18/09/2024
- HORIZON-CL4-2024-HUMAN-01-06 has new deadline 18/09/2024 and lower budget and is renamed to HORIZON-CL4-2024-HUMAN-03-02
- HORIZON-CL4-2023-HUMAN-01-81 is called again with deadline 18/09/2024 and new ID HORIZON-CL4-2024-HUMAN-03-03
- HORIZON-CL4-2024-HUMAN-01-61 has a new deadline 18/09/2024 and is renamed to HORIZON-CL4-2024-HUMAN-03-04

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.

HORIZON-CL4-2024-DIGITAL-EMERGING-02 - Flagship on Quantum Technologies: a Paradigm Shift

Topic Identifier	Topic Title	Type of Action	Deadline model	Topic Deadline
HORIZON-CL4-2024-DIGITAL-EMERGING-02-01	Developing and deploying a network of quantum gravimeters in Europe	HORIZON-IA	single-stage	18.09.2024
⚠ <u>Eligibility exceptions apply:</u> Technological dependency on a non-EU source: Member States, Iceland, Norway, and Israel only.				
HORIZON-CL4-2024-DIGITAL-EMERGING-02-02	Stimulating transnational research and development of next generation quantum technologies, including basic theories and components (Cascading grant with FSTP)	HORIZON-RIA	single-stage	18.09.2024

⚠ Eligibility exceptions apply: Subject to restrictions for the protection of European communication networks. Exceptions may be requested from the granting authority and will be assessed case-by-case, taking into account the criteria provided for in the 5G cybersecurity toolbox, the security risks and availability of alternatives in the context of the action.

HORIZON-CL4-2024-HUMAN-02 - Coordination and Support

Topic Identifier	Topic Title	Type of Action	Deadline model	Topic Deadline
HORIZON-CL4-2024-HUMAN-02-34	Support for transnational activities of National Contact Points in the thematic areas of Digital, Industry and Space (CSA)	HORIZON-CSA	single-stage	10.09.2024
HORIZON-CL4-2024-HUMAN-02-35	Intellectual asset management support for public research organisations, academic institutions and their spin-offs (CSA)	HORIZON-CSA	single-stage	10.09.2024
HORIZON-CL4-2024-HUMAN-02-36	Synergy with national and regional initiatives in Europe on Innovative Materials (CSA)	HORIZON-CSA	single-stage	10.09.2024

HORIZON-CL4-2024-HUMAN-03 - A human-centred and ethical development of digital and industrial technologies

Topic Identifier	Topic Title	Type of Action	Deadline model	Topic Deadline
HORIZON-CL4-2024-HUMAN-03-01	Advancing Large AI Models: Integration of New Data Modalities and Expansion of Capabilities (AI, Data and Robotics Partnership)	HORIZON-RIA	single-stage	18.09.2024

⚠ Eligibility exceptions apply: EU open strategic autonomy: Member States, associated countries, OECD and Mercosur countries, countries with which the EU cooperates under a Trade and Technology Council, and countries with which the EU has a Digital Partnership.

HORIZON-CL4-2024-HUMAN-03-02	Explainable and Robust AI (AI Data and Robotics Partnership)	HORIZON-RIA	single-stage	18.09.2024
HORIZON-CL4-2024-HUMAN-03-03	Digital Humanism - Putting people at the centre of the digital transformation	HORIZON-CSA	single-stage	18.09.2024
HORIZON-CL4-2024-HUMAN-03-04	Facilitate the engagement in global ICT standardisation development	HORIZON-CSA	single-stage	18.09.2024

Digital-related Research in other Clusters

- Health - Cluster 1 - Euresearch
- Culture and Creativity - Cluster 2 - Euresearch
- Civil Security for Society - Cluster 3 - Euresearch
- Industry - Cluster 4 - Euresearch
- Space - Cluster 4 - Euresearch
- Climate - Cluster 5 - Euresearch
- Energy - Cluster 5 - Euresearch
- Mobility - Cluster 5 - Euresearch
- Food, Bioeconomy, Natural Resources, Agriculture and Environment - Cluster 6 - Euresearch

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 ≥ 3 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

* 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](#)