

Topic Preview

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.

HORIZON/Horizon Europe Framework Programme (HORIZON)

HORIZON.2/Global Challenges and European Industrial Competitiveness

Destination: Ensuring more efficient, sustainable, secure, and competitive renewable and decarbonised energy supply (2026-27)

Call: HORIZON-CL5-2026-09 - BATTERIES and ENERGY

Topic Identifier	Topic Title	Type of Action	Overall Status	Deadline Model	Deadline	Overall EU Budget	No. of Grants
<u>HORIZON-CL5-2026-09-D3-03</u>	Innovative technologies and solutions to improve wind energy systems supporting the Strategic Energy	IA	Open	1S	15.09.2026	93,000,000 €	1

	Technology (SET) Plan on wind						
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Call: HORIZON-CL5-2026-11 - ENERGY

Topic Identifier	Topic Title	Type of Action	Overall Status	Deadline Model	Deadline	Overall EU Budget	No. of Grants
HORIZON-CL5-2026-11-D3-04	De-risking renewable fuel technologies through transnational pre-commercial procurement of renewable fuel industrial value chains	PCP	Forthcoming	1S	01.12.2026	40,000,000 €	1
HORIZON-CL5-2026-11-D3-05	Demonstration of solid biofuel supply and conversion to high efficiency CHP from fully sustainable regional value chains	IA	Forthcoming	1S	01.12.2026	13,500,000 €	2
HORIZON-CL5-2026-11-D3-06	Resource assessment for deep sedimentary and basement reservoirs	RIA	Forthcoming	1S	01.12.2026	18,000,000 €	4
HORIZON-CL5-2026-11-D3-14	Improved system design for innovative PV applications (EUPI-PV Partnership)	IA	Forthcoming	1S	01.12.2026	30,000,000 €	4
HORIZON-CL5-2026-11-D3-23	Data sharing to support the training and development of AI foundation models in the energy sector	IA	Forthcoming	1S	01.12.2026	30,000,000 €	3

Call: HORIZON-CL5-2027-02 - BATTERIES and ENERGY

Topic Identifier	Topic Title	Type of Action	Overall Status	Deadline Model	Deadline	Overall EU Budget	No. of Grants
HORIZON-CL5-2027-02-D3-07	Concentrated solar thermal systems for decarbonising industrial processes	IA	Forthcoming	1S	31.03.2027	12,000,000 €	2

<u>HORIZON-CL5-2027-02-D3-08</u>	Co-funding Strategic Energy Technology (SET) Plan renewable fuel value chains at EU, national, regional, and local level	Cofund Actions	Forthcoming	1S	31.03.2027	30,000,000 €	1
<u>HORIZON-CL5-2027-02-D3-09</u>	Innovative technologies and solutions to improve wave and tidal energy systems	IA	Forthcoming	1S	31.03.2027	43,000,000 €	1
<u>HORIZON-CL5-2027-02-D3-10</u>	Renewable Energy Valleys in Africa to increase energy security and energy access in Africa	IA	Forthcoming	1S	31.03.2027	9,000,000 €	2
<u>HORIZON-CL5-2027-02-D3-15</u>	Production technologies for solar photovoltaics beyond the state-of-the-art (EUPI-PV Partnership)	IA	Forthcoming	1S	31.03.2027	36,000,000 €	3
<u>HORIZON-CL5-2027-02-D3-24</u>	Large scale operational validation and upscaling of state-of-the-art (Generative) AI tools and models powering a next generation digital energy system	IA	Forthcoming	1S	31.03.2027	20,000,000 €	2
<u>HORIZON-CL5-2027-02-D3-30</u>	Advancements in Direct Air Capture	IA	Forthcoming	1S	31.03.2027	16,000,000 €	2
<u>HORIZON-CL5-2027-02-D3-31</u>	Support to the implementation of an EU policy framework for CO2 transport and storage infrastructure	CSA	Forthcoming	1S	31.03.2027	5,000,000 €	1

Call: HORIZON-CL5-2027-07 - ENERGY

Topic Identifier	Topic Title	Type of Action	Overall Status	Deadline Model	Deadline	Overall EU Budget	No. of Grants
<u>HORIZON-CL5-2027-07-D3-11</u>	Demonstration of hydropower technologies for efficient and forward-looking refurbishment of	IA	Forthcoming	1S	01.12.2027	17,000,000 €	2

	existing hydropower plants						
<u>HORIZON-CL5-2027-07-D3-16</u>	Industrial processes and equipment for innovative, reliable and scalable tandem technologies (EUPI-PV Partnership)	IA	Forthcoming	1S	01.12.2027	28,500,000 €	3
<u>HORIZON-CL5-2027-07-D3-17</u>	PV based electrification of the economy: Designing & optimising PV systems supporting industrial electrification and promoting participation in electricity markets (EUPI-PV Partnership)	IA	Forthcoming	1S	01.12.2027	18,000,000 €	3
<u>HORIZON-CL5-2027-07-D3-25</u>	Advanced TSO control rooms to enhance grid observability, stability and resilience	IA	Forthcoming	1S	01.12.2027	28,500,000 €	3
<u>HORIZON-CL5-2027-07-D3-26</u>	Advanced Distribution Management Systems (ADSM) for more efficient and flexible distribution grids	IA	Forthcoming	1S	01.12.2027	28,500,000 €	3
<u>HORIZON-CL5-2027-07-D3-27</u>	Integrated Approaches for Retrofitting Infrastructures with Innovative Energy Storage Technologies	IA	Forthcoming	1S	01.12.2027	22,500,000 €	3
<u>HORIZON-CL5-2027-07-D3-28</u>	Community of practice - Data-Driven Decision-Making in Energy	CSA	Forthcoming	1S	01.12.2027	6,000,000 €	1
<u>HORIZON-CL5-2027-07-D3-32</u>	Delivery of industrial CCUS clusters – Societal Readiness pilot	IA	Forthcoming	1S	01.12.2027	30,000,000 €	3

Destination: Facilitating the clean and sustainable transition of the energy and transport sectors towards climate neutrality through cross-cutting solutions (2026-27)

Call: HORIZON-CL5-2026-09 - BATTERIES and ENERGY

Topic Identifier	Topic Title	Type of Action	Overall Status	Deadline Model	Deadline	Overall EU Budget	No. of Grants
<u>HORIZON-CL5-2026-09-D2-01</u>	Producing battery-grade materials for electrodes through sustainable processing and refining of raw materials or developing bio-based materials (BATT4EU Partnership)	RIA	Open	1S	15.09.2026	28,300,000 €	4
<u>HORIZON-CL5-2026-09-D2-04</u>	Coordinated topic with India on recycling of EV batteries	IA	Open	1S	15.09.2026	9,400,000 €	1

Call: HORIZON-CL5-2026-10 - BATTERIES and MOBILITY

Topic Identifier	Topic Title	Type of Action	Overall Status	Deadline Model	Deadline	Overall EU Budget	No. of Grants
<u>HORIZON-CL5-2026-10-D2-03</u>	Integrated Production and Product Development for Next-Generation Lithium-based Batteries for Mobility (BATT4EU and Made in Europe Partnerships)	IA	Open	1S	08.10.2026	100,000,000 €	3

Call: HORIZON-CL5-2027-02 - BATTERIES and ENERGY

Topic Identifier	Topic Title	Type of Action	Overall Status	Deadline Model	Deadline	Overall EU Budget	No. of Grants
<u>HORIZON-CL5-2027-02-D2-05</u>	Improvement of Adaptability, Flexibility and Efficiency of Existing Recycling	IA	Forthcoming	1S	31.03.2027	18,800,000 €	2

	Processes (BATT4EU Partnership)						
<u>HORIZON-CL5-2027-02-D2-06</u>	Sustainable and Competitive Cell Production Techniques for Lithium-ion And Sodium-ion Batteries (BATT4EU Partnership)	IA	Forthcoming	1S	31.03.2027	37,800,000 €	2

Call: HORIZON-CL5-2027-04-Two-Stage - BATTERIES and MOBILITY

Topic Identifier	Topic Title	Type of Action	Overall Status	Deadline Model	Deadline	Overall EU Budget	No. of Grants
<u>HORIZON-CL5-2027-04-Two-Stage-D2-07</u>	Novel approaches towards next-generation battery concepts, leveraging the enabling role of innovative advanced materials (BATT4EU and IAM4EU Partnerships)	RIA	Forthcoming	2S	14.04.2027, 07.10.2027	48,000,000 €	10

Call: HORIZON-CL5-2027-05 - BATTERIES and ENERGY

Topic Identifier	Topic Title	Type of Action	Overall Status	Deadline Model	Deadline	Overall EU Budget	No. of Grants
<u>HORIZON-CL5-2027-05-D2-08</u>	Demonstration for Long-duration Battery Energy Storage Systems (BATT4EU Partnership)	IA	Forthcoming	1S	15.09.2027	18,800,000 €	2

Destination: Using energy in buildings and industry in an efficient, affordable and sustainable way (2026-27)

Call: HORIZON-CL5-2026-09 - BATTERIES and ENERGY

Topic Identifier	Topic Title	Type of Action	Overall Status	Deadline Model	Deadline	Overall EU Budget	No. of Grants
<u>HORIZON-CL5-2026-09-D4-01</u>	Researching the technical, social & economic factors impacting the energy performance of Smart	RIA	Open	1S	15.09.2026	15,750,000 €	3

	Buildings (Built4People Partnership)						
<u>HORIZON-CL5-2026-09-D4-02</u>	Low disturbance prefabrication approaches for deep renovation of multi-storey buildings (Built4People Partnership)	IA	Open	1S	15.09.2026	28,000,000 €	4
<u>HORIZON-CL5-2026-09-D4-03</u>	Advanced data platforms to integrate whole life carbon in building information tools, assessments, and certification (Built4People Partnership)	IA	Open	1S	15.09.2026	15,750,000 €	3
<u>HORIZON-CL5-2026-09-D4-04</u>	Validating policies and business models for affordable and sustainable housing (Built4People Partnership)	RIA	Open	1S	15.09.2026	15,000,000 €	3
<u>HORIZON-CL5-2026-09-D4-08</u>	Full-scale demonstration of heat upgrade solutions in industrial processes	IA	Open	1S	15.09.2026	18,000,000 €	2

Call: [HORIZON-CL5-2027-05 - BATTERIES and ENERGY](#)

Topic Identifier	Topic Title	Type of Action	Overall Status	Deadline Model	Deadline	Overall EU Budget	No. of Grants
<u>HORIZON-CL5-2027-05-D4-05</u>	On-site robotic and automated techniques for building renovation and new construction	IA	Forthcoming	1S	15.09.2027	20,250,000 €	3
<u>HORIZON-CL5-2027-05-D4-06</u>	Thermal energy optimisation and waste heat recovery of high energy demand IT rooms in buildings or small edge data centres	IA	Forthcoming	1S	15.09.2027	15,750,000 €	3
<u>HORIZON-CL5-2027-05-D4-07</u>	Integrating circularity in LCA-based modelling frameworks for	IA	Forthcoming	1S	15.09.2027	27,000,000 €	4

	renovation of buildings (Built4People Partnership)						
<u>HORIZON-CL5- 2027-05-D4-09</u>	Demonstration of industrial excess/waste heat conversion to mechanical or electrical power	IA	Forthcoming	1S	15.09.2027	13,500,000 €	2

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

* 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](#)