

List of restricted topics in the HE main 2026-2027 WP based on Article 22(5) HE Regulation

Cluster	Destination	Action type	Topic Title	Eligibility (full list)	Expected TRL by end of project
Cluster 1	Developing and using new tools, technologies and digital solutions for a healthy society	CSA	Towards Artificial General Intelligence (AGI) for healthcare	EU MS, EEA, all ACs	N/A
Cluster 3	Other actions not subject to calls for proposals	RIA	Approaches and tools for security in software and hardware development and assessment	EU MS, EEA, all ACs	N/A
Cluster 3	Other actions not subject to calls for proposals	IA	Enhancing the Security, Privacy and Robustness of AI Models and Systems (SecureAI)	EU MS, EEA, all ACs	N/A
Cluster 3	Other actions not subject to calls for proposals	RIA	Advanced cryptographic schemes and High-Assurance High-Speed Cryptographic Implementations	EU MS, EEA, all ACs	N/A
Cluster 3	Other actions not subject to calls for proposals	RIA	Artificial Intelligence for Cybersecurity applications	EU MS, EEA, all ACs	N/A
Cluster 3	Other actions not subject to calls for proposals	IA	Secure Computing Continuum (IoT, Edge, Cloud, Data spaces)	EU MS, EEA, all ACs	N/A
Cluster 3	Other actions not subject to calls for proposals	RIA	Secure PQC implementations, Cryptanalysis and Post-quantum Digital Trust	EU MS, EEA, all ACs	N/A
Cluster 3	Other actions not subject to calls for proposals	RIA	New primitives and protocols for functionalities of future hybrid classical-hybrid and quantum networks	EU MS, EEA, all ACs	N/A
Cluster 4	Open Strategic Autonomy in Developing, Deploying and Using Global Space-Based Infrastructure, Services, Applications and Data	IA	Reinforcing EU autonomous access to space through EU-based spaceports	EU MS, EEA	8
Cluster 4	Open Strategic Autonomy in Developing, Deploying and Using Global Space-Based	RIA	ISOS4I Pilot Mission Integrated Ground Test and consolidation of space-compatible USI solutions	EU MS, EEA	6-7

	Infrastructure, Services, Applications and Data				
Cluster 4	Open Strategic Autonomy in Developing, Deploying and Using Global Space-Based Infrastructure, Services, Applications and Data	IA	Digital solutions for autonomy for space transportation systems, design and simulation tools - Digital enablers and building blocks (Space Partnership)	EU MS, EEA, positively assessed ACs	7-8
Cluster 4	Open Strategic Autonomy in Developing, Deploying and Using Global Space-Based Infrastructure, Services, Applications and Data	RIA	Digital enablers and building-blocks for Earth Observation and Satellite telecommunication for Space solutions (Space Partnership)	EU MS, EEA, positively assessed ACs	4-5
Cluster 4	Open Strategic Autonomy in Developing, Deploying and Using Global Space-Based Infrastructure, Services, Applications and Data	IA	Preparing demonstration missions for Earth Observation and Satellite telecommunication for Space solutions (Space Partnership)	EU MS, EEA	7-8
Cluster 4	Open Strategic Autonomy in Developing, Deploying and Using Global Space-Based Infrastructure, Services, Applications and Data	RIA	Digital enablers and building blocks for collaborative Earth Observation and Satellite telecommunications for Space solutions (Space Partnership)	EU MS, EEA, positively assessed ACs	4-5
Cluster 4	Open Strategic Autonomy in Developing, Deploying and Using Global Space-Based Infrastructure, Services, Applications and Data	IA	Preparing demonstration missions for collaborative Earth Observation and Satellite telecommunication for Space solutions (Space Partnership)	EU MS, EEA	7-8
Cluster 4	Open Strategic Autonomy in Developing, Deploying and Using Global Space-Based Infrastructure, Services, Applications and Data	RIA	Space critical EEE components for EU nondependence – Radiation Hard FPGA on 7	EU MS, EEA	6

Cluster 4	Open Strategic Autonomy in Developing, Deploying and Using Global Space-Based Infrastructure, Services, Applications and Data	RIA	Space critical EEE components for EU nondependence – GaN MMICs mm-Wave Foundations (Phase A): Development and Industrialization of Semi-insulating SiC Substrate Capabilities	EU MS, EEA	5
Cluster 4	Open Strategic Autonomy in Developing, Deploying and Using Global Space-Based Infrastructure, Services, Applications and Data	RIA	Space critical Equipment for EU non-dependence – Space Refuelling Interface	EU MS, EEA	5
Cluster 4	Open Strategic Autonomy in Developing, Deploying and Using Global Space-Based Infrastructure, Services, Applications and Data	IA	Critical Facilities Serving Space EEE components for EU non-dependence – High and Very High Energy Irradiation Test Facility Market Deployment	EU MS, EEA	8
Cluster 4	Open Strategic Autonomy in Developing, Deploying and Using Global Space-Based Infrastructure, Services, Applications and Data	RIA	Space critical EEE components for EU non dependence	EU MS, EEA	6
Cluster 4	Open Strategic Autonomy in Developing, Deploying and Using Global Space-Based Infrastructure, Services, Applications and Data	RIA	Quantum Space Gravimetry topic	EU MS, EEA	4-6
Cluster 4	Open Strategic Autonomy in Developing, Deploying and Using Global Space-Based Infrastructure, Services, Applications and Data	RIA	Space critical equipment for EU non-dependence	EU MS, EEA	6
Cluster 4	Grants to identified beneficiaries	IA	SST Sensors and Processing	EU MS only	8

Cluster 4	Grants to identified beneficiaries	IA	Consolidate commercial SST capabilities on sensors	EU MS only	7
Cluster 4	Developing an agile and secure single market and infrastructure for dataservices and trustworthy artificial intelligence	IA	Demand-side 3C pilot demonstrators on converged Telco Edge Cloud Infrastructure (IA)	EU MS, EEA, positively assessed ACs	6-8
Cluster 4	Developing an agile and secure single market and infrastructure for dataservices and trustworthy artificial intelligence	IA	Efficient and compliant access to and use of data (IA) (AI, Data and Robotics partnership)	EU MS, EEA, all ACs, OECD	8
Cluster 4	Developing an agile and secure single market and infrastructure for dataservices and trustworthy artificial intelligence	RIA	New approaches for decentralized, federated and sustainable AI data processing (RIA)	EU MS, EEA, positively assessed ACs	6-7
Cluster 4	Achieving open strategic autonomy in digital and emerging enabling technologies	RIA	EU Frontier AI Initiative: Developing frontier AI solutions that are safe and computationally efficient within Apply AI (RIA)	EU MS, EEA, positively assessed ACs	4
Cluster 4	Achieving open strategic autonomy in digital and emerging enabling technologies	RIA	Next-Generation AI Agents for Real-World Applications in the ApplyAI sectors (RIA) (Partnership in AI, Data and Robotics)	EU MS, EEA, positively assessed ACs	5
Cluster 4	Achieving open strategic autonomy in digital and emerging enabling technologies	RIA	Apply AI: Challenge-Driven AI Innovation Booster in Apply AI prioritised sectors (RIA) (Partnership in AI, Data and Robotics)	EU MS, EEA, positively assessed ACs	5
Cluster 4	Achieving open strategic autonomy in digital and emerging enabling technologies	RIA	Apply AI: Robotics for Manufacturing: Advancing Core Skills through Technical Challenges (RIA) (Partnership in AI, Data and Robotics)	EU MS, EEA, positively assessed ACs	5
Cluster 4	Achieving open strategic autonomy in digital and emerging enabling technologies	CSA	Grand Challenge on Quantum Sensors for Inertial Navigation	EU MS, EEA, positively assessed ACs	N/A
Cluster 4	Achieving open strategic autonomy in digital and emerging enabling technologies	CSA	Standards for Quantum Technologies – Coordination and Support Action (CSA)	EU MS, EEA, all ACs, OECD	N/A

Cluster 4	Achieving open strategic autonomy in digital and emerging enabling technologies	RIA	Large-Scale Photonic Quantum Computing Platform Technologies (RIA)	EU MS, EEA, positively assessed ACs	7
Cluster 4	Achieving open strategic autonomy in digital and emerging enabling technologies	RIA	Challenge-Driven GenAI4EU Booster in Apply AI prioritised sectors (RIA) (AI/Data/Robotics Partnership)	EU MS, EEA, positively assessed ACs	6
Cluster 4	Digital and industrial technologies driving human-centric innovation	IA	Developing and demonstrating core technologies for Virtual Worlds and Web 4.0 (IA) (Virtual worlds Partnership)	EU MS, EEA, positively assessed ACs	6
Cluster 4	Specific Grant Agreements	SGA	Quantum Communication – Call for the 2nd SGA for the QSNP FPA (QKD)	EU MS, EEA, Israel	N/A
Cluster 4	Specific Grant Agreements	SGA	Quantum Computing – Call for the 2nd SGA for the OpenSuperQPlus FPA (superconducting)	EU MS, EEA, Israel	N/A
Cluster 4	Specific Grant Agreements	SGA	Quantum Computing & Simulation – Call for the 2nd SGA for the PASQuanS2 FPA	EU MS, EEA, Israel	N/A
Cluster 4	Specific Grant Agreements	SGA	Quantum Computing – Call for the 2nd SGA for the Millenion FPA (trapped-ions)	EU MS, EEA, Israel	N/A
Cluster 4	Specific Grant Agreements	SGA	Quantum Testing Infrastructure – Call for the 2nd SGA for the Qu-Test FPA	EU MS, EEA, Israel	N/A
Cluster 4	Specific Grant Agreements	SGA	Quantum Experimental Pilot Lines – Call for the 2nd SGA for the Qu-Pilot FPA	EU MS, EEA, Israel	N/A
Cluster 4	Leadership in materials and production for Europe	RIA	Innovative technologies and tools for exploration and data modelling of raw materials (RIA)	EU MS, EEA, all ACs, OECD, African Union, MERCOSUR, CARIFORUM, Andean Community, and countries with which the EU has concluded strategic partnerships on raw materials, as well as trade agreements	5

				containing raw materials cooperation provisions	
Cluster 4	Leadership in materials and production for Europe	RIA	Technologies for innovative extraction of critical raw materials (RIA)	EU MS, EEA, all ACs, OECD, African Union, MERCOSUR, CARIFORUM, Andean Community, and countries with which the EU has concluded strategic partnerships on raw materials, as well as trade agreements containing raw materials cooperation provisions	5
Cluster 4	Leadership in materials and production for Europe	CSA	Monitoring of secondary raw materials (CSA)	EU MS, EEA, all ACs, OECD, African Union, MERCOSUR, CARIFORUM, Andean Community, and countries with which the EU has concluded strategic partnerships on raw materials, as well as trade agreements containing raw materials cooperation provisions	N/A
Cluster 4	Leadership in materials and production for Europe	IA	Improving availability of secondary raw materials through recycling (IA)	EU MS, EEA, all ACs, OECD, African Union, MERCOSUR, CARIFORUM, Andean Community, and countries with which the EU has concluded	7

				strategic partnerships on raw materials, as well as trade agreements containing raw materials cooperation provisions	
Cluster 4	Leadership in materials and production for Europe	IA	Technologies for innovative processing of raw materials (IA)	EU MS, EEA, all ACs, OECD, African Union, MERCOSUR, CARIFORUM, Andean Community, and countries with which the EU has concluded strategic partnerships on raw materials, as well as trade agreements containing raw materials cooperation provisions	7
Cluster 4	Leadership in materials and production for Europe	CSA	Expert network on Critical raw materials (CSA)	EU MS, EEA, all ACs, OECD, African Union, MERCOSUR, CARIFORUM, Andean Community, and countries with which the EU has concluded strategic partnerships on raw materials, as well as trade agreements containing raw materials cooperation provisions	N/A
Cluster 4	Achieving open strategic autonomy in digital and emerging enabling technologies	RIA	Advanced integrated photonic devices for extended features and ultra-low power consumption (RIA) (Photonics Partnership)	EU MS, EEA, all ACs, OECD, MERCOSUR	6

Cluster 4	Achieving open strategic autonomy in digital and emerging enabling technologies	RIA	Apply AI: Next-Generation Agile and Intelligent Robotics Platforms for Industrial and Service Applications (Partnership in AI, Data and Robotics) (RIA)	EU MS, EEA, positively assessed ACs	5
Cluster 4	Destination 1 (advanced materials, raw materials and chemicals)	IA	Innovative advanced materials and new production processes – reducing dependencies on Critical and Strategic Raw Materials (IA) (Innovative Advanced Materials for the EU and Processes4Planet partnerships)	EU MS, EEA, all ACs, OECD, African Union, MERCOSUR, CARIFORUM, Andean Community, and countries with which the EU has concluded strategic partnerships on raw materials, as well as trade agreements containing raw materials cooperation provisions	7
Cluster 4	Achieving open strategic autonomy in digital and emerging enabling technologies	IA	Apply AI: AI-Driven Robotics for Industry: Enabling System Integration and Adoption (IA) (Partnership in AI, Data and Robotics)	EU MS, EEA, positively assessed ACs	7
WIDERA	Reforming and enhancing the European research and innovation system	RIA	Upgrading the EU's independent knowledge on China's Science, Technology and Innovation system	EU MS, EEA	N/A