Microfluidics Innovation Center

HE CALL CALENDAR 2026/2027

Deadline in 2026

Topic ID	Cluster 4 - Digital, Industry and Space	Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
HORIZON-CL4-2026-01-MAT-PROD-23	Accelerating the discovery and development of chemicals and innovative advanced materials through digitalisation and artificial intelligence (Innovative Advanced Materials for the EU partnership)	IA				21								
HORIZON-CL4-2026-01-MAT-PROD-24	Cooperation on innovative advanced materials with Japan	CSA				21								
HORIZON-CL4-2026-01-MAT-PROD-01	Advanced manufacturing for key products (Made in Europe partnership)	IA				21								
HORIZON-CL4-2026-01-MAT-PROD-04	Optimise the usage of resources in a circular economy Processes4Planet and Clean Steel partnerships)	RIA				21								
HORIZON-CL4-2026-01-MAT-PROD-05	Circular innovative advanced materials: facilitating the transition from design to markets (Innovative Advanced Materials for the EU and Made in Europe partnerships)	RIA				21								
HORIZON-CL4-2026-01-MAT-PROD-31	Efficient capture/purification/utilisation of CO_2 for the production of competitive products (Processes4Planet partnership)	RIA				21								
HORIZON-CL4-2026-01-MAT-PROD-41	Enhancing industry academia knowledge exchange in Social Sciences and Humanities (SSH)	CSA				21								
HORIZON-CL4-2026-01-MAT-PROD-44	Attracting management talent for capacity building for Technology Infrastructures staff members	CSA				21								
HORIZON-CL4-2026-01-MAT-PROD-45	Pilot access schemes to Technology Infrastructures for European startups, scaleups, and innovative SMEs	CSA				21								

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HORIZON-CL4-2026-01-MAT-PROD-46	Mapping and service finder for Technology Infrastructures	CSA				21								
HORIZON-CL4-2026-01-MAT-PROD-48	'Proof of market' to improve valorisation and commercialisation of Horizon generated R&I results	IA				21								
HORIZON-CL4-2026-01-MAT-PROD-11	Innovative technologies and tools for exploration and data modelling of raw materials	RIA				21								
HORIZON-CL4-2026-01-MAT-PROD-12	Technologies for innovative extraction of critical raw materials	RIA				21								
HORIZON-CL4-2026-01-MAT-PROD-13	Monitoring of secondary raw materials	CSA				21								
HORIZON-CL4-2026-01-MAT-PROD-14	Improving availability of secondary raw materials through recycling	IA				21								
HORIZON-CL4-2026-SPACE-03-11	Reinforcing EU autonomous access to space through EU-based spaceports	IA									3			
HORIZON-CL4-2026-SPACE-03-31	Digital enablers and building-blocks for Earth Observation and Satellite telecommunication for Space solutions (Space Partnership)	RIA									3			
HORIZON-CL4-2026-SPACE-03-32	Preparing demonstration missions for Earth Observation and Satellite telecommunication for Space solutions (Space Partnership)	IA									3			
HORIZON-CL4-2026-SPACE-03-61	Scientific analysis and exploitation of space data	RIA									3			
HORIZON-CL4-2026-SPACE-03-81	Space critical EEE components for EU non- dependence – Radiation Hard FPGA on 7nm	RIA									3			
HORIZON-CL4-2026-SPACE-03-82	Space critical EEE components for EU non- dependence – GaN MMICs mm-Wave Foundations (Phase A): Development and Industrialization of Semi-insulating SiC Substrate Capabilities	RIA									3			
HORIZON-CL4-2026-SPACE-03-85	Critical Facilities Serving Space EEE components for EU non-dependence - High and Very High Energy Irradiation Test Facility Market Deployment	IA									3			
HORIZON-CL4-2026-SPACE-03-86	Space critical Equipment for EU non-dependence - Space Refuelling Interface	RIA									3			

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HORIZON-CL4-2026-04-DATA-02	Open Internet Stack Sovereign Solutions	RIA				15								
HORIZON-CL4-2026-04-DATA-03	Open Internet Stack Support for Scale	CSA				15								
HORIZON-CL4-2026-04-DATA-06	Efficient and compliant access to and use of data (AI, Data and Robotics partnership)	IA				15								
HORIZON-CL4-2026-04-DIGITAL-EMERGING-01	Pilot of the "Science for AI" Pillar of RAISE ("Resource in AI science in Europe")	RIA				15								
HORIZON-CL4-2026-04-DIGITAL-EMERGING-08	Apply AI: Robotics for Manufacturing: Advancing Core Skills through Technical Challenges (Partnership in AI, Data and Robotics)	RIA				15								
HORIZON-CL4-2026-04-DIGITAL-EMERGING-09	Advanced Local Digital Twins using AI for Early Warning and Preparedness	IA				15								
HORIZON-CL4-2026-04-DIGITAL-EMERGING-11	Grand Challenge on Quantum Sensors for Inertial Navigation	CSA				15								
HORIZON-CL4-2026-04-DIGITAL-EMERGING-12	Standards for Quantum Technologies – Coordination and Support Action	CSA				15								
HORIZON-CL4-2026-DIGITAL-EMERGING-18	Large-Scale Photonic Quantum Computing Platform Technologies	RIA				15								
HORIZON-CL4-2026-04-DIGITAL-EMERGING-14	Networking and Future Photonics Strategy (Photonics Partnership)	CSA				15								
HORIZON-CL4-2026-04-DIGITAL-EMERGING-15	Strengthening the cooperation of semiconductor-intensive EU regions	CSA				15								
HORIZON-CL4-2026-04-DIGITAL-EMERGING-17	Fostering 2-Dimensional Materials (2DM) based emerging and enabling technologies	CSA				15								
HORIZON-CL4-2026-04-DIGITAL-EMERGING-19	Challenge-Driven GenAI4EU Booster in Apply AI prioritised sectors (AI/Data/Robotics Partnership)	RIA				15								
HORIZON-CL4-2026-04-HUMAN-01	Developing and demonstrating core technologies for Virtual Worlds and Web4.0 (Virtual worlds Partnership)	IA				15								
HORIZON-CL4-2026-04-HUMAN-02	Web 4.0 architectural framework and Open Internet Stack applications for virtual worlds	RIA				15								
HORIZON-CL4-2026-05-MAT-PROD-25	New or enhanced Innovative Advanced Materials (IAM) enabled sensing functionality	RIA				15								

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HORIZON-CL4-2026-05-DIGITAL-EMERGING-02	Next-Generation AI Agents for Real-World Applications in the ApplyAI sectors (Partnership in AI, Data and Robotics)	RIA				15								
HORIZON-CL4-2026-05-DIGITAL-EMERGING-03	Next-Generation Agile and Intelligent Robotics Platforms for Industrial and Service Applications (Partnership in AI, Data and Robotics)	RIA				15								
HORIZON-CL4-2026-02-MAT-PROD-21-two-stage	Development of safe and sustainable alternatives to substances of concern	IA			17							13		
HORIZON-CL4-2026-02-DIGITAL-EMERGING-51-two-stage	AI improved advanced manufacturing and production processes in factories (Made in Europe and AI, Data and Robotics partnerships)	RIA			17							13		
HORIZON-CL4-2026-02-DIGITAL-EMERGING-53-two-stage	Innovative AI methods and technologies for the process industries (Processes4Planet and AI, Data and Robotics partnerships)	RIA			17							13		
Deadline in 2027														
HORIZON-CL4-2027-01-MAT-PROD-22	Innovative advanced materials and new production processes - reducing dependencies on Critical and Strategic Raw Materials	IA		2										
HORIZON-CL4-2027-01-MAT-PROD-02	Advanced manufacturing for key products (Made in Europe partnership)	IA		2										
HORIZON-CL4-2027-01-MAT-PROD-03	Factory processes and automation for de- and re-manufacturing (Made in Europe partnership)	RIA		2										
HORIZON-CL4-2027-01-MAT-PROD-06	Circular innovative advanced materials: facilitating the transition from design to markets (Innovative Advanced Materials for the EU and Made in Europe partnerships)	RIA		2										
HORIZON-CL4-2027-01-MAT-PROD-08	Textile circularity through advanced processing and manufacturing technologies and system approaches (Textiles for the Future partnership)	IA		2										
HORIZON-CL4-2027-01-MAT-PROD-42	Unlocking the potential of academic intellectual assets for industry, SMEs and startups	CSA		2										
HORIZON-CL4-2027-01-MAT-PROD-61	Fast Track to Research and Innovation for breakthroughs in industrial technologies	RIA		2										
HORIZON-CL4-2027-01-MAT-PROD-62	Fast Track to Innovation for breakthroughs in the Chemical Industry Action Plan	CSA		2										

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HORIZON-CL4-2027-01-MAT-PROD-47	Pilot access schemes to Technology Infrastructures for European startups, scaleups and innovative SMEs	JU-CSA		2										
HORIZON-CL4-2027-01-MAT-PROD-49	'Proof of market' to improve valorisation and commercialisation of Horizon generated R&I results	IA		2										
HORIZON-CL4-2027-01-MAT-PROD-16	Technologies for innovative processing of raw materials	IA		2										
HORIZON-CL4-2027-01-MAT-PROD-17	Expert network on Critical raw materials	CSA		2										
HORIZON-CL4-2027-04-DATA-03	New approaches for decentralized, federated and sustainable AI data processing	RIA			18									
HORIZON-CL4-2027-04-DATA-08	Demand side 3C pilot demonstrators on converged Telco Edge Cloud Infrastructure	IA			18									
HORIZON-CL4-2027-04-DATA-09	Energy efficiency and sustainability of AI data processing in Data Centres	IA			18									
HORIZON-CL4-2027-04-DIGITAL-EMERGING-04	Apply AI: Challenge-Driven AI Innovation Booster in Apply AI prioritised sectors Partnership in AI, Data and Robotics)	RIA			18									
HORIZON-CL4-2027-04-DIGITAL-EMERGING-05	Apply AI: AI-Driven Robotics for Industry: Enabling System Integration and Adoption Partnership in AI, Data and Robotics)	IA			18									
HORIZON-CL4-2027-04-DIGITAL-EMERGING-06	International cooperation in AI	RIA			18									
HORIZON-CL4-2027-04-DIGITAL-EMERGING-10	Horizon scanning and foresight in future enabling digital technologies	CSA			18									
HORIZON-CL4-2027-04-HUMAN-01	Advanced and Innovative hardware components for Virtual Worlds (Virtual Worlds Partnership)	RIA			18									
HORIZON-CL4-2027-04-HUMAN-02	Create a thriving and competitive Virtual Worlds and Web4.0 ecosystem (Virtual Worlds Partnership)	CSA			18									
HORIZON-CL4-2027-04-HUMAN-07	Facilitate the engagement of European stakeholders in international digital standardisation	CSA			18									
HORIZON-CL4-2027-05-DIGITAL-EMERGING-03	Advanced integrated photonic devices for extended features and ultra-low power consumption (Photonics Partnership)	RIA			18									
HORIZON-CL4-2027-SPACE-03-12	Digital solutions for autonomy for space transportation systems, design and simulation tools - Digital enablers and building blocks (Space Partnership)	IA									2			

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HORIZON-CL4-2027-SPACE-03-21	ISOS4I Pilot Mission Integrated Ground Test and consolidation of space-compatible USI solutions	RIA									2			
HORIZON-CL4-2027-SPACE-03-33	Digital enablers and building blocks for collaborative Earth Observation and Satellite telecommunications for Space solutions (Space Partnership)	RIA									2			
HORIZON-CL4-2027-SPACE-03-34	Preparing demonstration missions for collaborative Earth Observation and Satellite telecommunication for Space solutions (Space Partnership)	IA									2			
HORIZON-CL4-2027-SPACE-03-83	Space critical EEE components for EU non-dependence	RIA									2			
HORIZON-CL4-2027-SPACE-03-84	Space critical equipment for EU non-dependence	RIA									2			
HORIZON-CL4-2027-SPACE-03-71	Quantum Space Gravimetry topic	RIA									2			
HORIZON-CL4-2027-02-MAT-PROD-32-two-stage	Efficient energy input from renewable sources and energy management in the process industries Processes4Planet and Innovative Advanced Materials for the EU partnerships)	IA		2							2			
HORIZON-CL4-2027-02-DIGITAL-EMERGING-52-two-stage	New approaches for Human/AI collaboration for the workforce of the future (Made in Europe and AI, Data and Robotics partnerships)	RIA		2							2			

IA: Innovation Action RIA: Research and Innovation Action   MSCA: Marie Skłodowska-Curie Actions

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