

**Appels à propositions dans le cadre du programme européen pour la recherche et l'innovation
« HORIZON EUROPE »**

Numérique, Industrie, Espace

Destination - Leadership dans les matériaux et la production en Europe

Titre	Type	Budget (M€)	Date d'ouverture	Date limite
Industrie - Une étape (2027)				
HORIZON-CL4-2027-01-MAT-PROD-22: 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)	IA	36 M€	22/sept./26	02/févr./27
HORIZON-CL4-2027-01-MAT-PROD-02: Advanced manufacturing for key products (IA) (Made in Europe partnership)	IA	36 M€		
HORIZON-CL4-2027-01-MAT-PROD-03: Factory processes and automation for de- and re-manufacturing (RIA) (Made in Europe	RIA	36 M€		
HORIZON-CL4-2027-01-MAT-PROD-06: Circular innovative advanced materials: facilitating the transition from design to markets (RIA) (Innovative Advanced Materials for the EU and Made in Europe partnerships)	RIA	36 M€		
HORIZON-CL4-2027-01-MAT-PROD-08: Textile circularity through advanced processing and manufacturing technologies and system approaches (IA) (Textiles for the Future partnership)	IA	16 M€		
HORIZON-CL4-2027-01-MAT-PROD-42: Unlocking the potential of academic intellectual assets for industry, SMEs and startups (CSA)	CSA	2 M€		
HORIZON-CL4-2027-01-MAT-PROD-47: Pilot access schemes to Technology Infrastructures for European startups, scaleups and innovative SMEs (CSA)	CSA	5 M€		
HORIZON-CL4-2027-01-MAT-PROD-49: ‘Proof of market’ to improve valorisation and commercialisation of Horizon generated R&I results (IA)	IA	5 M€		
HORIZON-CL4-2027-01-MAT-PROD-16: Technologies for innovative processing of raw materials (IA)	IA	49 M€		
HORIZON-CL4-2027-01-MAT-PROD-17: Expert network on Critical raw materials (CSA)	CSA	3 M€		
Industrie - Deux étapes (2026)				
HORIZON-CL4-2026-02-MAT-PROD-21-two-stage: Development of safe and sustainable alternatives to substances of concern (IA)	IA	38 M€	16/déc./25	17/03/2026 puis 13/10/2026
Industrie - Deux étapes (2027)				

HORIZON-CL4-2027-02-MAT-PROD-32-two-stage: Efficient energy input from renewable sources and energy management in the process industries (IA) (Processes4Planet and Innovative Advanced Materials for the EU partnerships)	RIA	52,5 M€	22/sept./26	2/02/2027 puis 2/09/2027
Industrie - FTRI (2027)				
HORIZON-CL4-2027-01-MAT-PROD-61: Fast Track to Research and Innovation for breakthroughs in industrial technologies (Research and Innovation Action)	RIA	20 M€	22/sept./26	02/févr./27
HORIZON-CL4-2027-01-MAT-PROD-62: Fast Track to Innovation for breakthroughs in the Chemical Industry Action Plan (Research and Innovation Action)	RIA	15 M€		

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Destination - Développer un marché unique et une infrastructure agiles et sûrs pour les services de données et les services d'intelligence artificielle fiables

Titre	Type	Budget (M€)	Date d'ouverture	Date limite
Numérique (2027)				
HORIZON-CL4-2027-04-DATA-08: Demandside 3C pilot demonstrators on converged Telco Edge Cloud Infrastructure (IA)	IA	38 M€	17/nov./26	18/mars/27
HORIZON-CL4-2027-04-DATA-03: New approaches for decentralized, federated and sustainable AI data processing (RIA)	RIA	35 M€		
HORIZON-CL4-2027-04-DATA-09: Energy efficiency and sustainability of AI data processing in Data Centres (IA)	IA	39 M€		

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Destination - Atteindre l'autonomie stratégique ouverte dans les technologies numériques et les technologies émergentes habilitantes.

Titre	Type	Budget (M€)	Date d'ouverture	Date limite
Industrie - Deux étapes (2026)				
HORIZON-CL4-2026-02-DIGITALEMERGING-51-two-stage: AI improved advanced manufacturing and production processes in factories (RIA) (Made in Europe and AI, Data and Robotics partnerships)	RIA	30 M€	16/déc./25	17/03/2026 puis 13/10/2026
HORIZON-CL4-2026-02-DIGITALEMERGING-53-two-stage: Innovative AI methods and technologies for the process industries (RIA) (Processes4Planet and AI, Data and Robotics partnerships)	RIA	30 M€		
Industrie - Deux étapes (2027)				
HORIZON-CL4-2027-02-DIGITALEMERGING-52-two-stage: New approaches for Human/AI collaboration for the workforce of the future (RIA) (Made in Europe and AI, Data and Robotics partnerships)	RIA	30 M€	22/sept./26	2/02/2027 puis 2/09/2027
Numérique (2027)				
HORIZON-CL4-2027-04-DIGITALEMERGING-11: EU Frontier AI Initiative: Developing frontier AI solutions that are safe and computationally efficient within Apply AI (RIA)	RIA	44 M€	17/nov./26	18/mars/27
HORIZON-CL4-2027-04-DIGITALEMERGING-04: Apply AI: Challenge-Driven AI Innovation Booster in Apply AI prioritised sectors (RIA) (Partnership in AI, Data and Robotics)	RIA	42 M€		
HORIZON-CL4-2027-04-DIGITALEMERGING-05: Apply AI: AI-Driven Robotics for Industry: Enabling System Integration and Adoption (IA) (Partnership in AI, Data and Robotics)	IA	18 M€		



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HORIZON-CL4-2027-04-DIGITALEMERGING-06: International cooperation in AI (IA)	IA	3 M€		
HORIZON-CL4-2027-04-DIGITALEMERGING-10: Horizon scanning and foresight in future enabling digital technologies (CSA)	CSA	4 M€		
HORIZON-CL4-2027-05-DIGITALEMERGING-03: Advanced integrated photonic devices for extended features and ultra-low power consumption (RIA) (Photonics Partnership)	RIA	25 M€		



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Destination - Autonomie stratégique ouverte en développant, déployant et utilisant des infrastructures, services, applications et données mondiaux basés sur l'espace

Titre	Type	Budget (M€)	Date d'ouverture	Date limite
Espace (2026)				
HORIZON-CL4-2026-SPACE-03-11: Reinforcing EU autonomous access to space through EU-based spaceports	IA	22,59 M€	10/mars/26	03/sept./26
HORIZON-CL4-2026-SPACE-03-31: Digital enablers and building-blocks for Earth Observation and Satellite telecommunication for Space solutions (Space Partnership)	RIA	12 M€		
HORIZON-CL4-2026-SPACE-03-32: Preparing demonstration missions for Earth Observation and Satellite telecommunication for Space solutions (Space Partnership)	IA	26 M€		
HORIZON-CL4-2026-SPACE-03-61: Scientific analysis and exploitation of space data	RIA	3,92 M€		
HORIZON-CL4-2026-SPACE-03-81: Space critical EEE components for EU nondependence – Radiation Hard FPGA on 7nm	RIA	12,74 M€		
HORIZON-CL4-2026-SPACE-03-82: Space critical EEE components for EU nondependence – GaN MMICs mm-Wave Foundations (Phase A): Development and Industrialization of Semi-insulating SiC Substrate Capabilities	RIA	6,86 M€		
HORIZON-CL4-2026-SPACE-03-85: Critical Facilities Serving Space EEE components for EU non-dependence – High and Very HighEnergy Irradiation Test Facility Market Deployment	IA	3,92 M€		
HORIZON-CL4-2026-SPACE-03-86: Space critical Equipment for EU non-dependence – Space Refuelling Interface	RIA	2,94 M€		
Espace (2027)				
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	5 M€	09/mars/27	02/sept./27
HORIZON-CL4-2027-SPACE-03-21: ISOS4I Pilot Mission Integrated Ground Test and consolidation of space-compatible USI solutions	RIA	0,98 M€		
HORIZON-CL4-2027-SPACE-03-33: Digital enablers and building blocks for collaborative Earth Observation and Satellite telecommunications for Space solutions (Space Partnership)	RIA	4 M€		

HORIZON-CL4-2027-SPACE-03-34: Preparing demonstration missions for collaborative Earth Observation and Satellite telecommunication for Space solutions (Space Partnership)	IA	26 M€	03/mars/27	04/sept./27
HORIZON-CL4-2027-SPACE-03-83: Space critical EEE components for EU nondependence	RIA	0,49 M€		
HORIZON-CL4-2027-SPACE-03-84: Space critical equipment for EU non-dependence	RIA	0,49 M€		
HORIZON-CL4-2027-SPACE-03-71: Quantum Space Gravimetry topic	RIA	29,2 M€		

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Destination - Un développement centré sur l'humain des technologies numériques et industrielles

Titre	Type	Budget (M€)	Date d'ouverture	Date limite
Numérique (2027)				
HORIZON-CL4-2027-04-HUMAN-01: Advanced and Innovative hardware components for Virtual Worlds (RIA) (Virtual Worlds Partnership)	RIA	39 M€	17/nov./26	18/mars/27
HORIZON-CL4-2027-04-HUMAN-02: Create a thriving and competitive Virtual Worlds and Web 4.0 ecosystem (CSA) (Virtual Worlds Partnership)	CSA	3 M€		
HORIZON-CL4-2027-04-HUMAN-07: Facilitate the engagement of European stakeholders in international digital standardisation (CSA)	CSA	7 M€		



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