

Horizon Europe

Cluster 4 - Digital, Industry and Space

No.	Calls	Deadline	Duration	Fund	QR Code
1	Breakthrough technologies supporting technological sovereignty in construction	23 Sep 21	N/A	10,000,000	
2	Deploying industrial-urban symbiosis solutions for the utilization of energy, water, industrial waste and by-products at regional scale	23 Sep 21	N/A	12,000,000	
3	Safe- and sustainable-by-design metallic coatings and engineered surfaces	23 Sep 21	N/A	5,000,000	
4	Creation of an innovation community for solar fuels and chemicals	23 Sep 21	N/A	4,000,000	
5	Design and optimisation of energy flexible industrial processes (Processes4Planet Partnership)	23 Sep 21	N/A	4,000,000	
6	Ensuring circularity of composite materials (Processes4Planet Partnership)	23 Sep 21	N/A	9,000,000	
7	Automated tools for the valorisation of construction waste	23 Sep 21	N/A	10,000,000	

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8	Promote Europe's availability, affordability, sustainability and security of supply of essential chemicals and materials	23 Sep 21	N/A	10,000,000	
9	Sustainable Industry Commons	23 Sep 21	N/A	4,000,000	
10	AI enhanced robotics systems for smart manufacturing (AI, Data and Robotics - Made in Europe Partnerships)	23 Sep 21	N/A	10,000,000	
11	Antimicrobial, Antiviral, and Antifungal Nanocoatings	23 Sep 21	N/A	6,000,000	
12	Plastic waste as a circular carbon feedstock for industry (Processes4Planet Partnership)	23 Sep 21	N/A	18,000,000	
13	Paving the way to an increased share of recycled plastics in added value products	23 Sep 21	N/A	7,000,000	
14	Safe- and sustainable-by-design polymeric materials	23 Sep 21	N/A	5,000,000	

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15	Establishing EU led international community on safe- and sustainable-by-design materials to support embedding sustainability criteria over the life cycle of products and processes	23 Sep 21	N/A	10,000,000	
16	Development of more energy efficient electrically heated catalytic reactors	23 Sep 21	N/A	4,000,000	
17	Advanced materials for hydrogen storage	23 Sep 21	N/A	10,000,000	
18	eXtended Reality for All – Haptics	23 Sep 21	N/A	6,000,000	
19	Development of technologies/devices for bio-intelligent manufacturing	23 Sep 21	N/A	18,000,000	
20	AI, Data and Robotics at work (AI, Data and Robotics Partnership)	23 Sep 21	N/A	7,000,000	
21	Ultra-low-power, secure processors for edge computing	23 Sep 21	N/A	5,000,000	

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22	Technologies for data management (AI, Data and Robotics Partnership)	21 Oct 21	N/A	5,000,000	
23	eXtended Reality Modelling	21 Oct 21	N/A	4,800,000	
24	Tackling gender, race and other biases in AI	21 Oct 21	N/A	3,500,000	
25	eXtended Collaborative Telepresence	21 Oct 21	N/A	8,000,000	
26	Pushing the limit of robotics cognition (AI, Data and Robotics Partnership)	21 Oct 21	N/A	5,000,000	
27	Trustworthy open search and discovery	21 Oct 21	36 months	8,500,000	
28	Innovation for Media, including eXtended Reality	21 Oct 21	30 months	9,000,000	

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29	Advanced Photonic Integrated Circuits (Photonics Partnership)	21 Oct 21	N/A	5,000,000	
30	Future European platforms for the Edge: Meta Operating Systems	21 Oct 21	N/A	12,000,000	
31	Verifiable robustness, energy efficiency and transparency for Trustworthy AI: Scientific excellence boosting industrial competitiveness (AI, Data and Robotics Partnership)	21 Oct 21	N/A	4,000,000	
32	Advanced optical communication components	21 Oct 21	N/A	6,000,000	
33	Advanced spintronics: Unleashing spin in the next generation ICs	21 Oct 21	N/A	3,000,000	
34	Art-driven use experiments and design	21 Oct 21	N/A	2,800,000	
35	AI to fight disinformation	21 Oct 21	N/A	6,500,000	

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36	Coordination of European Smart Network actions	21 Oct 21	N/A	3,000,000	
37	Trust & data sovereignty on the Internet	21 Oct 21	36 months	12,000,000	
38	Functional electronics for green and circular economy	21 Oct 21	36 months	5,000,000	
39	Workforce skills for industry 5.0	21 Oct 21	N/A	5,000,000	
40	AI, Data and Robotics for the Green Deal (AI, Data and Robotics Partnership)	21 Oct 21	N/A	5,000,000	
41	Technologies and solutions for compliance, privacy preservation, green and responsible data operations (AI, Data and Robotics Partnership)	21 Oct 21	N/A	11,000,000	

Source: [EC's Funding & Tenders Portal](#)

Updated: data was retrieved on **August 6, 2021**

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