

	Klastr 4 - výzva 2023 (uzávěrka 29/03/2023)	Typ akce	Doporučený rozpočet na projekt (mil. €)	Celkový rozpočet na téma (mil. €)	Předpokládaný počet grantů	Počet návrhů
DESTINATION 3 - témata	World-leading Data and Computing Technologies			76	13	99
HORIZON-CL4-2023-DATA-01-02	Integration of data life cycle, architectures and standards for complex data cycles and/or human factors, language	RIA	9	45	5	29
HORIZON-CL4-2023-DATA-01-04	Cognitive Computing Continuum: Intelligence and automation for more efficient data processing	RIA	4 - 6	28	6	66
HORIZON-CL4-2023-DATA-01-06	Coordination and Support of Cognitive Computing Continuum research and policy	CSA	2	2	1	3
HORIZON-CL4-2023-DATA-01-07	Collaboration with NSF on fundamental research on new concepts for distributed computing and swarm intelligence	CSA	1	1	1	1

DESTINATION 4 - témata	Digital and emerging technologies for competitiveness and fit for the Green Deal			237	47	251
HORIZON-CL4-2023-DIGITAL-EMERGING-01-01	Novel paradigms and approaches, towards AI-driven autonomous robots in AI, Data and Robotics – advanced human robot interaction	RIA	8	30	4	51
HORIZON-CL4-2023-DIGITAL-EMERGING-01-02	Industrial leadership in AI, Data and Robotics – advanced human robot interaction	IA	10	30	3	11
HORIZON-CL4-2023-DIGITAL-EMERGING-01-11	Low TRL research in micro-electronics and integration technologies for industrial solutions	RIA	3 - 4	35	10	36
HORIZON-CL4-2023-DIGITAL-EMERGING-01-12	Adaptive multi-scale modelling and characterisation suites from lab to production	RIA	5 - 7	22	4	36
HORIZON-CL4-2023-DIGITAL-EMERGING-01-32	Sustainable safe-by-design 2D materials technology	RIA	3 - 5	6	2	4
HORIZON-CL4-2023-DIGITAL-EMERGING-01-33	2D materials of tomorrow	RIA	3 - 4	12	3	16

HORIZON-CL4-2023-DIGITAL-EMERGING-01-40	Quantum Photonic Integrated Circuit technologies	RIA	4 - 6	12	2	9
HORIZON-CL4-2023-DIGITAL-EMERGING-01-41	Investing in alternative quantum computation and simulation platform technologies	RIA	7 - 12	20	2	5
HORIZON-CL4-2023-DIGITAL-EMERGING-01-43	Framework Partnership Agreement for developing large-scale quantum Computing platform technologies	FPA	0	0	0	2
HORIZON-CL4-2023-DIGITAL-EMERGING-01-50	Next generation quantum sensing and metrology technologies	RIA	2 - 3	10	3	10
HORIZON-CL4-2023-DIGITAL-EMERGING-01-51	Pervasive photonics - multi-technology integration for digital infrastructure, sensors and internet of things	RIA	3 - 5	18	4	30
HORIZON-CL4-2023-DIGITAL-EMERGING-01-53	Versatile light sources and systems as tools for manufacturing and medical application	RIA	3 - 5	18	4	23
HORIZON-CL4-2023-DIGITAL-EMERGING-01-56	Photonic Strategies and Skills Development	CSA	1 - 3	4	2	4
HORIZON-CL4-2023-DIGITAL-EMERGING-01-57	Advanced imaging and sensing technologies	IA	5 - 7	20	4	14

DESTINATION 6 - témata	A human-centred and ethical development of digital and industrial technologies			256,5	66	203
HORIZON-CL4-2023-HUMAN-01-01	Efficient trustworthy AI - making the best of data	RIA	7 - 9	35	5	49
HORIZON-CL4-2023-HUMAN-01-02	Large Scale pilots on trustworthy AI data and robotics addressing key societal challenges	IA	8	24	3	7
HORIZON-CL4-2023-HUMAN-01-03	Natural Language Understanding and Interaction in Advanced Language Technologies	RIA	6 - 8	20	3	27
HORIZON-CL4-2023-HUMAN-01-04	Open innovation: Addressing Grand challenges in AI	CSA	4	4	1	5
HORIZON-CL4-2023-HUMAN-01-05	Through AI from Disinformation to Trust	IA	5	10	2	9
HORIZON-CL4-2023-HUMAN-01-11	Next Generation Internet Fund	RIA	27	27	1	5
HORIZON-CL4-2023-HUMAN-01-12	Pilots for the Next Generation Internet	IA	3 - 5	14	5	4
HORIZON-CL4-2023-HUMAN-01-13	Next Generation Internet International Collaboration - USA	RIA	4	4	1	2
HORIZON-CL4-2023-HUMAN-01-14	Next Generation Internet Commons Policy	CSA	2	2	1	1
HORIZON-CL4-2023-HUMAN-01-21	Next Generation eXtended Reality	RIA	5 - 8	26	4	57
HORIZON-CL4-2023-HUMAN-01-22	eXtended Reality for Industry 5.0	IA	5 - 8	25	4	18
HORIZON-CL4-2023-HUMAN-01-23	Supporting the emergence of an open human-centric Metaverse	CSA	2	2	1	7
HORIZON-CL4-2023-HUMAN-01-31	Toolbox for efficient IP licensing for market uptake and societal value creation	CSA	2	2	1	
HORIZON-CL4-2023-HUMAN-01-32	Piloting communities of expert facilitators to improve industry-academia-public sector co-creation	CSA	2	2	1	

HORIZON-CL4-2023-HUMAN-01-33	Fostering knowledge valorisation through societal and cultural interactions	CSA	1	5	5	
HORIZON-CL4-2023-HUMAN-01-51	Pilots for an innovative human-centric industry	RIA	10	10	1	
HORIZON-CL4-2023-HUMAN-01-52	Drivers and success factors for progress towards Industry 5.0	RIA	4	4	1	
HORIZON-CL4-2023-HUMAN-01-53	Localised and Urban Manufacturing, supporting creativity and the New European Bauhaus	RIA	2 - 3	10	4	
HORIZON-CL4-2023-HUMAN-01-54	Green and digital skills and training needs for a just transition	CSA	1	3	5	
HORIZON-CL4-2023-HUMAN-01-62	Boosting industrial symbiosis by standardisation	CSA	2	2	1	
HORIZON-CL4-2023-HUMAN-01-63	Provide for a strong and sustainable pool of experts for European Standardisation: attract the students of university/HEI	CSA	3	3	1	
HORIZON-CL4-2023-HUMAN-01-64	Pre-normative research and standardisation in industrial ecosystems	CSA	1	8	8	
HORIZON-CL4-2023-HUMAN-01-65	Support facility for digital standardisation and international cooperation in digital partnerships	CSA	1,5	1,5	1	4
HORIZON-CL4-2023-HUMAN-01-66	Promoting EU standards globally	CSA	2,5	2,5	1	1
HORIZON-CL4-2023-HUMAN-01-81	Digital Humanism - Putting people at the centre of the digital transformation	CSA	1,5	1,5	1	6
HORIZON-CL4-2023-HUMAN-01-82	Art-driven digital innovation: Towards human compatible and ecologically conscious technology	CSA	3	3	1	1
HORIZON-CL4-2023-HUMAN-01-91	International Hub for Digital Partnerships in the Indo-Pacific	CSA	3	3	1	
HORIZON-CL4-2023-HUMAN-01-92	R&I cooperation with Sub-Saharan Africa	CSA	2	2	1	
HORIZON-CL4-2023-HUMAN-01-93	R&I cooperation with Latin America (Mexico, Brazil, Argentina, and other countries in the BELLA network or members of RedClara)	CSA	2	2	1	