**Horizon Europe Cluster 4 Digital calls**

[World leading data and computing technologies](https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search?tenders=false&programmePeriod=2021%20-%202027&frameworkProgramme=43108390&programmePart=43120193&destinationGroup=45355289)

[Digital and emerging technologies for competitiveness and fit for the Green Deal](https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search?tenders=false&programmePeriod=2021%20-%202027&frameworkProgramme=43108390&programmePart=43120193&destinationGroup=45355292)

[A human-centred and ethical development of digital and industrial technologies](https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search?tenders=false&programmePeriod=2021%20-%202027&frameworkProgramme=43108390&programmePart=43120193&destinationGroup=45355298)

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| **HORIZON-CL4-2024-DATA-01-01:** AI-driven data operations and compliance technologies |
| **HORIZON-CL4-2024-DATA-01-03:** Piloting emerging Smart IoT Platforms and decentralized intelligence |
| **HORIZON-CL4-2024-DATA-01-05:** Platform Building, standardization and Up-scaling of the ‘Cloud-Edge-IoT’ Solutions |
| **HORIZON-CL4-2024-DIGITAL-EMERGING-01-03:** Novel paradigms and approaches, towards AI-driven autonomous robots |
| **HORIZON-CL4-2024-DIGITAL-EMERGING-01-04:** Industrial leadership in AI, Data and Robotics boosting competitiveness and the green transition |
| **HORIZON-CL4-2024-DIGITAL-EMERGING-01-21:** Open Source for Cloud/Edge to support European Digital Autonomy |
| **HORIZON-CL4-2024-DIGITAL-EMERGING-01-22:** Fundamentals of Software Engineering |
| **HORIZON-CL4-2024-DIGITAL-EMERGING-01-23:** Public recognition scheme for Open Source |
| **HORIZON-CL4-2024-DIGITAL-EMERGING-01-31:** Pilot line(s) for 2D materials-based devices |
| **HORIZON-CL4-2024-DIGITAL-EMERGING-01-45:** Fundamentals of Software Engineering |
| **HORIZON-CL4-2024-DIGITAL-EMERGING-01-54:** Smart photonics for joint communication & sensing and access everywhere |
| **HORIZON-CL4-2024-DIGITAL-EMERGING-01-55:** Photonics Innovation Factory for Europe |
| **HORIZON-CL4-2024-HUMAN-02-35:** Intellectual asset management support for public research organisations, academic institutions and their spin-offs |
| **HORIZON-CL4-2024-HUMAN-02-36:** Synergy with national and regional initiatives in Europe on Innovative Materials |
| **HORIZON-CL4-2024-HUMAN-03-01:** Advancing Large AI Models: Integration of New Data Modalities and Expansion of Capabilities |
| **HORIZON-CL4-2024-HUMAN-03-02:** Explainable and Robust AI |
| **HORIZON-CL4-2024-HUMAN-03-03:** Digital Humanism - Putting people at the centre of the digital transformation |
| **HORIZON-CL4-2024-HUMAN-03-04:** Facilitate the engagement in global ICT standardisation development |