THE EU RESEARCH & INNOVATION PROGRAMME

2021 – 2027

Horizon Europe

Cluster 4 ‘Digital, Industry and Space’

Italian Infoday, 2024 Calls

‘Digital’ Destinations 3-4-6

25 October 2023

European Commission

Research and Innovation

EU strategic priorities and 2024 CL4 digital topics Destination 3 Data

EU Strategy and policy files	Strategic Priorities	Expected Impacts	Topics' Headings
A European strategy for data **Europe's Digital Decade Policy Programme 2030** **EU Green Deal** **HE Strategic Plan 2021-2024**	- A single European data space based on European rules and values. - Trustworthy digital environment for empowered citizens - Strengthening Europe's capabilities and infrastructures for hosting, processing and using data - Target of 10.000 climate-neutral edge nodes - No net emissions of greenhouse gases by 2050 - Climate-neutral, highly energy efficient and sustainable data centres	- Contribute to open, trusted and federated Common European data spaces. - Define, quantify and measure bias in data sets - Shorten the time-to-market and reduce development costs of compliant data solutions - Paving the way to strategic industrial cooperation in data processing - Quantify and reduce the environmental footprint of data operations	Data sharing and analytics capacity From Cloud to Edge to IoT for European Data

Destination 3
Call – WORLD LEADING DATA AND COMPUTING TECHNOLOGIES

Opening: 15 Nov 2023 Deadline(s): 19 Mar 2023

Data sharing and analytics capacity

- **HORIZON-CL4-2024-DATA-01-01: AI-driven data operations and compliance technologies (AI, data and robotics partnership) (IA) – 38M€, 8-10M€ per action.**

From Cloud to Edge to IoT for European Data

- HORIZON-CL4-2024-DATA-01-03: Piloting emerging Smart IoT Platforms and decentralized intelligence (IA) – 45M€, 20-25M€ per action, FSTP (‘Cascade funding’) up to 20% of action budget (200K each)
- HORIZON-CL4-2024-DATA-01-05: Platform Building, standardisation and Up-scaling of the ‘Cloud-Edge-IoT’ Solutions (Horizontal Activities - CSA) 2M€, single action

HORIZON-CL4-2024-DATA-01-01 AI-driven data operations and compliance technologies (AI, data and robotics partnership) - IA

Expected Outcomes:

- To enable companies and public sector to easily **comply with existing and emerging regulation** (e.g. GDPR, Data Governance Act, Data Act, Artificial Intelligence Act) and **create value on data assets** that they possess or that they acquire from the market, and to allow citizens to feel more confident that data-driven systems treat them in a **fair, unbiased and compliant** way and respect their privacy/anonymity and other rights, and keep track of the use of personal data in a world where “everything” moves online.
- **Define, quantify and measure bias** in data sets (especially those used for AI development).
- Shorten the time-to-market and reduce development costs of compliant data solutions
- Contribute to open, trusted and federated **Common European data spaces**.
- **Quantify and reduce the environmental footprint** of data operations which will contribute to the Green Deal target “no net emissions of greenhouse gases by 2050”
- Addressing **compliance** in the broad sense (legal, ethical, environmental, fairness/trustworthiness) and in a holistic way (“compliance by design”)

HORIZON-CL4-2024-DATA-01-01 AI-driven data operations and compliance technologies (AI, data and robotics partnership)

Required collaborations/links:

Build on or seek collaboration with existing projects and develop synergies with other relevant European, national or regional initiatives, funding programmes and platforms.

In particular, proposed actions should build on the results of:

- Horizon 2020 data platform projects (topic **ICT-13-2018-2019**)
- HORIZON-CL4-2021-DATA-01-01 projects (compliance, privacy, green data operations)
- HORIZON-CL4-2023-HUMAN-01-01 projects (data for trustworthy AI)

The proposed actions should create links and seek synergies, where appropriate, with:

- Common European Data Spaces (Digital Europe)
- European Digital Innovation Hubs (Digital Europe).

RESEARCH TO REALITY

DIGITAL SOLUTIONS TO EUROPEAN CHALLENGES

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Destination 3
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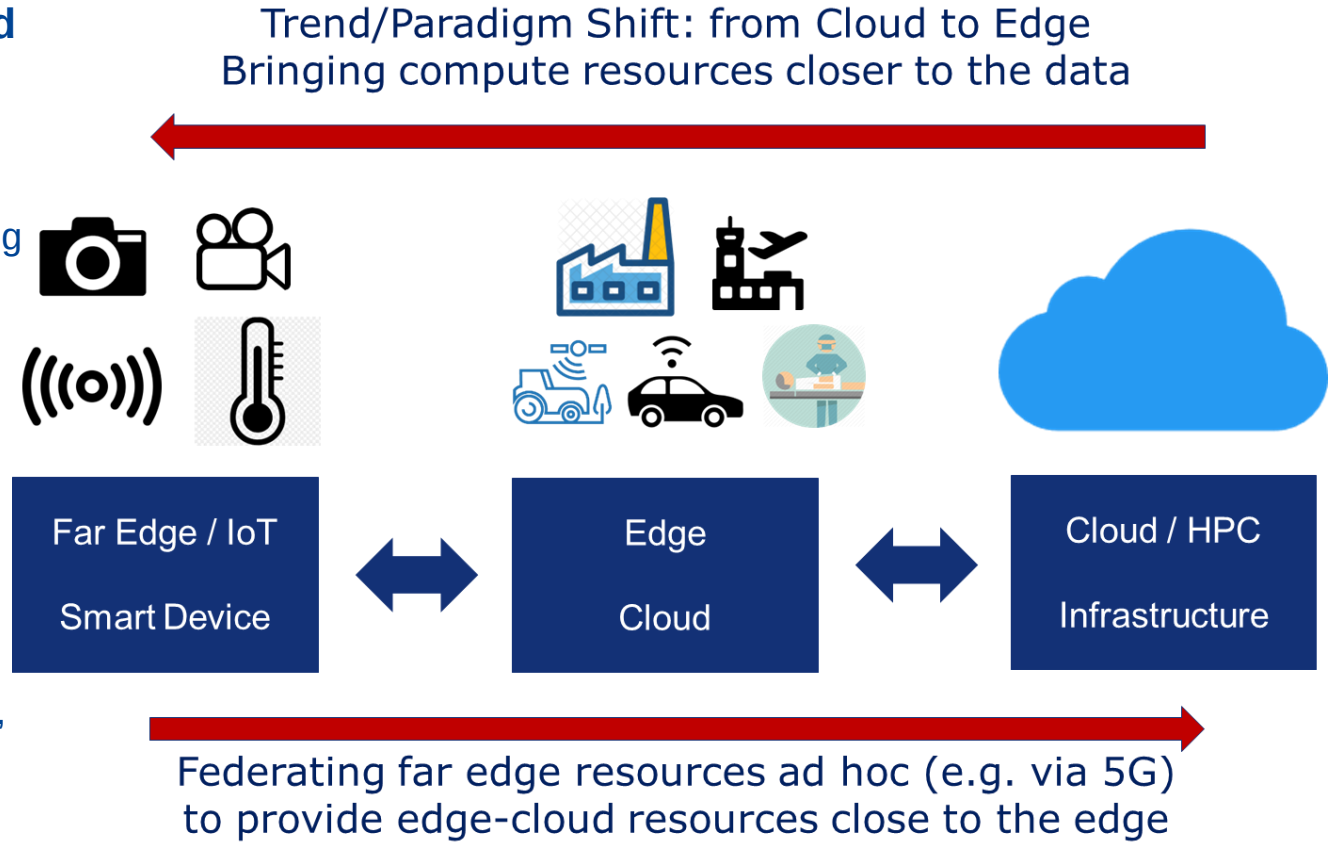
HORIZON-CL4-2024-DATA-01-05: Platform Building, standardisation and Up-scaling of the ‘Cloud-Edge-IoT’ Solutions (Horizontal Activities - CSA)

New IoT Paradigms and their Impact of EU Markets

- **Trends like edge technologies and decentralised Intelligence** will reshape the industrial landscape,
  - spurring innovation towards the edges of the IoT network (edge clouds and edge computing)
  - trend scouting, portfolio analysis, analysis of emerging business cases
  - accelerate the pick-up of novel advanced edge technology in most important sectors for Europe’s economy, and competitiveness
- **An open framework for a vibrant Edge-IoT ecosystem** is key for up-scaling and to leverage economies of scale
  - analysis of cross cutting aspects like open standards, open-source frameworks, data
  - compliance, security as well as synergies across sectors.
  - Promotion of Open Calls via FSTP (‘Cascade funding’)
  - Underpinning an emerging open edge ecosystem including midcaps, SMEs and start-ups,



European Commission

Industrial IoT Use cases underpinning the trend towards the edge

Carbon Footprint

Privacy

Safety

Security

Orchestration of resources:
storage – network – computing centres

Cross-domain Pilots

Strategy:
A Platform Approach to share hardware and foster an Open Ecosystem based on open standards

Environmental Footprint

Energy Consumption

European Commission

EU strategic priorities and 2024 CL4 digital topics Destination 4 Digital Emerging

EU Strategy and policy files	Strategic Priorities	Expected Impacts	Topics' Headings
A European strategy for data **Digital Decade Policy Programme 2030** **EU Green Deal** **EU Chips Act** **Draft EU AI Act** **HE Strategic Plan 2021-2024**	- A strong and competitive EU economy that shapes technology in a way that respects European values. - A single European data space based on European rules and values. - Digital Target of 10.000 climate-neutral edge nodes - Digital Pillar 'Secure and performant sustainable digital infrastructures' - No net emissions of greenhouse gases by 2050 - Climate-neutral, highly energy efficient and sustainable data centres	- Responsible software engineering methods, tools, and best practices - Prototypes of cloud and edge servers demonstrated in centralised and distributed environments - Improved penetration of core photonics technologies into multiple domains and industry sectors - Mature quantum sensing technologies and devices in different application sectors - Combined robotics-data-AI solutions and AI-Data solutions to address large scale environmental challenges	AI, Data and Robotics) Open Source for Cloud/Edge and Software Engineering Fundamentals to support Digital Autonomy European Innovation Leadership in Photonics Graphene and 2D materials: Europe in the lead Flagship on Quantum Technologies: a Paradigm Shift

Destination 4
Call – Digital and emerging technologies for competitiveness and fit for the Green Deal

Opening: 15 Nov 2023 Deadline(s): 19 Mar 2023

AI Data and Robotics

- **HORIZON-CL4-2024-DIGITAL-EMERGING-01-03: Novel paradigms and approaches, towards AI-powered robots– step change in functionality (AI, data and robotics partnership) (RIA)**
- **HORIZON-CL4-2024-DIGITAL-EMERGING-01-04: Industrial leadership in AI, Data and Robotics boosting competitiveness and the green transition (AI Data and Robotics Partnership)**

European Innovation Leadership in Photonics

- **HORIZON-CL4-2024-DIGITAL-EMERGING-01-54: Smart photonics for joint communication & sensing and access everywhere (Photonics Partnership) (RIA)**
- **HORIZON-CL4-2024-DIGITAL-EMERGING-01-55: Photonics Innovation Factory for Europe (Photonics Partnership) (IA)**

HORIZON-CL4-2024-DIGITAL-EMERGING-01-03: Novel paradigms and approaches, towards AI-powered robots– step change in functionality (AI, data and robotics partnership) (RIA)

Expected Outcome: projects are expected to contribute to ALL of the following primary outcomes

- Achieve the substantial next step in the **ability of robots to perform non-repetitive functional tasks in realistic settings**, based on underlying robot functions (e.g. guidance/navigation/manipulation/interaction etc.), demonstrated in key high impact sectors where robotics has the potential to deliver significant economic and/or societal benefits.
- Step change in the enabling conditions essential for the **accelerated diffusion of robots in various industries, sectors and services** which can 1) handle tasks efficiently, robustly, and safely and 2) interact naturally and smoothly to support humans in their daily activities, based on a strong multidisciplinary approach, including the relevant SSH dimension.
- The development, use and exploitation of major **advances in science and technology** for the enhancement of European robotics, in order to maintain Europe's scientific excellence and ensure sovereignty of key technologies relevant to robotics
- Create opportunities to affect society in the longer term by **contributing to impact on major broad societal challenges**.

Indicative budget: 30 million EUR
EU contribution per project: 8 million EUR
Type of Action: RIA

TRL: start at TRL 2-3 and achieve TRL 4-5

European Commission

HORIZON-CL4-2024-DIGITAL-EMERGING-01-04: Industrial leadership in AI, Data and Robotics boosting competitiveness and the green transition (AI Data and Robotics Partnership) (IA)

Expected Outcome: projects are expected to contribute to only ONE of the two following outcomes

Systems to address large scale challenges with significant impact on the objectives of the green deal

- using combined robotics, data and AI solutions (e.g. improving energy consumption, cleaning up contaminated land and waterways, recycling, accelerating circular economy…)
- using combined AI and data solutions (e.g. resource optimisation, maximizing energy efficiency, minimizing waste, recycling…)

Scope: multidisciplinary innovation activities should address ONE of the following

- Large scale-pilots bringing major industries from key application sectors in Europe with the goal of exploiting and integrating existing tools, sub-systems and solutions that are re-usable from other sectors. No financial support to third parties (FSTP).
- Development of large-scale pilots addressing key applications on the green deal. FSTP (40% of the budget) should be used to allow third parties (usually small companies) using pilots for developing, testing and validating innovative solutions

Indicative budget: 60 million EUR
EU contribution per project: 10 million EUR (may include FSTP in the form of grants)
Type of Action: IA

TRL: start at TRL 3-5 and achieve TRL 6-7

European Commission

HORIZON-CL4-2024-DIGITAL-EMERGING-01-54: Smart photonics for joint communication & sensing and access everywhere (Photonics Partnership) (RIA)

Expected Outcome:

Contribution to:

- Sensors/probes to monitor the quality of the communication network and of photonic signals transported in the communication network
- Methods to use the network as large-scale distributed sensor
- Development of foundational optical technologies, systems and networks that provide the future access infrastructure

Indicative budget: **18 million EUR**
EU contribution per project: **3-5 million EUR**
Type of Action: **RIA**

TRL: **start at TRL 2 and achieve TRL 5**

European Commission

HORIZON-CL4-2024-DIGITAL-EMERGING-01-55 Photonics Innovation Factory for Europe (Photonics Partnership) (IA)

Expected Outcomes

- Substantially improved penetration of core photonics technologies into multiple end-user application domains and industry sectors
- Substantial contribution to the creation of a sustainable streamlined ecosystem for photonics innovation in Europe from TRL 2-7, providing European Cross-Border Added Value with a high leveraging effect on investments made at national and regional level in photonics.

Indicative budget: **15 million EUR**
EU contribution per project: up to 15 million EUR
Type of Action: IA
TRL: start at TRL 2-5 and achieve TRL 4-7

European Commission

HORIZON-CL4-2024-DIGITAL-EMERGING-01-55 Photonics Innovation Factory for Europe (Photonics Partnership) (IA)

Scope

- Provide a virtual innovation platform with a flexible and open structure
- Platform should offer a streamlined virtual access to a supply chain of photonic technologies
- Support through a network of competence centers acting as a single consortium
- Platform should target primarily first users and early adopters
- Create innovation pathways from initial concept through to production
- Support cases should be innovative and industrially relevant.
- The action should provide strong linkages with established European industry and investment networks in the photonics area.
- The action should address innovation-readiness support in the form of Demonstration Centers and Experience Centers
- The action should develop plans to sustain its activities beyond the end of the project.

Destination 4
Call - Digital and emerging technologies for competitiveness and fit for the Green Deal

Opening: 15 Nov 2023 Deadline(s): 19 Mar 2023

Open Source for Cloud/Edge and Software Engineering Fundamentals to support Digital Autonomy

- HORIZON-CL4-2024-DIGITAL-EMERGING-01-21: Open Source for Cloud/Edge to support European Digital Autonomy (RIA)
- HORIZON-CL4-2024-DIGITAL-EMERGING-01-22: Fundamentals of Software Engineering (RIA)
- HORIZON-CL4-2024-DIGITAL-EMERGING-01-23: Public recognition scheme for Open Source (CSA)

HORIZON-CL4-2024-DIGITAL-EMERGING-01-21: Open Source for Cloud/Edge to support European Digital Autonomy (RIA)

Expected Outcomes:

- Prototypes of cloud and edge servers demonstrated in relevant centralised and distributed environments and allowing full computing infrastructure deployments based on European processor technology, thereby establishing a full Open Computing Architecture stack, which supports emerging processing architectures (e.g. RISC-V).
- Standards and best practices consolidating the European Open Computing Architecture, as well as its interfaces to current industry standards.

Scope:

- Developing open source alternatives to enable the physical use of emerging processors in cloud and edge server systems. Such modules include basic input/output systems, preboot execution environments, power-on authentication, etc., supporting heterogeneous processor architectures, and
- Demonstrating actual cloud and edge systems in real life or emulated computing environments exploiting the benefits of an extended open source stack (socket to application) on emerging processor architectures (e.g. RISC-V).

Indicative budget: **20 M EUR**
EU contribution per project: **4-6 M EUR**
Type of Action: **RIA**

TRL: **From 4 to 6**

European Commission

HORIZON-CL4-2024-DIGITAL-EMERGING-01-22: Fundamentals of Software Engineering (RIA)

Expected Outcomes:

- Responsible software engineering methods and tools
- Best practices leveraging, among others, novel AI and data technologies to accelerate the development and maintenance of software
- Methods and tools for multi-architecture systems
- Efficient and agile modelling, verification and validation, vulnerability assessment and mitigation.

Scope:

- Methods, mechanisms and tools that allow smart intelligent system specification, agile system and code development, advanced code analysis, fault prediction and location and self-repair by using emerging techniques, in particular based on AI and data technologies.
- Methods and tools for the development of dynamic and resilient software for systems running on multiple processing architectures including cross-compilation, run-time self adaptation and multi-architecture executables.

Indicative budget: **18 M EUR**
EU contribution per project: **3-5 M EUR**
Type of Action: **RIA**
TRL: **From 2 to 5**

European Commission

HORIZON-CL4-2024-DIGITAL-EMERGING-01-23: Public recognition scheme for Open Source (CSA)

Expected Outcomes:

- Establishment of a system of European annual awards that acts as a spotlight stirring up contributions to Open Source Software and Hardware projects.
- Increased interest for the contribution to, integration of and exploitation of Open Source assets

Scope:

- Development of a scheme including a list of fields related to Open Source
- Ellaboration of an adequate process to:
    - scrutinize different fields of action relevant to open source
    - select appropriate candidates for being recognized
    - implement adequate award ceremonies.

Indicative budget: **2 M EUR**
EU contribution per project: **2 M EUR**
Type of Action: **CSA**
TRL: **N/A**

European Commission

Destination 4
Call - Digital and emerging technologies for competitiveness and fit for the Green Deal

Opening: 15 Nov 2023 Deadline(s): 19 Mar 2023

Graphene and 2D materials: Europe in the lead

- HORIZON-CL4-2024-DIGITAL-EMERGING-01-31: Pilot line(s) for 2D materials-based devices (RIA)

Flagship on Quantum Technologies: a Paradigm Shift

- ~~HORIZON-CL4-2024-DIGITAL-EMERGING-01-42~~: Stimulating transnational research and development of next generation quantum technologies, including basic theories and components (Cascading grant with FSTP) (postponed to April 2024)
- HORIZON-CL4-2024-DIGITAL-EMERGING-01-45: Quantum sensing and metrology for market uptake (IA)

Destination 4
Call - Digital and emerging technologies for competitiveness and fit for the Green Deal

Graphene and 2D materials: Europe in the lead
Flagship on Quantum Technologies: a Paradigm Shift

The Commission intends to cancel the 2 topics below. A new Call that would be opened around April 2024 is also foreseen. Please note that the new call will only be published when an amendment to the Work Programme has been adopted by the European Commission. Only the adopted work programme will have legal value. The adoption of the amended WP will be announced on the F&T Portal. The Commission expressly disclaims liability for any future changes of the content of this call/topic.

~~*1. HORIZON-CL4-2024-DIGITAL-EMERGING-01-34: Synergy with national and regional initiatives in Europe (CSA)*~~

The Commission is considering a new topic in a new call with a broader scope that would support the coordination of national and regional initiatives for both two-dimensional and advanced materials.

~~*2. HORIZON-CL4-2024-DIGITAL-EMERGING-01-42:* Stimulating transnational research and development of next-generation quantum technologies, including basic theories and components (Cascading grant with FSTP) *(RIA)*~~

This topic is postponed to the new call for a better coordination with the national funding agencies.

See https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/horizon-cl4-2024-digital-emerging-01-34?keywords=HORIZON-CL4-2024-DIGITAL-EMERGING-01-34&tenders=false&openForSubmission=false

European Commission

~~HORIZON-CL4-2024-DIGITAL-EMERGING-01-42:~~ Stimulating transnational research and development of next generation quantum technologies, including basic theories and components (Cascading grant with FSTP)

Expected Outcomes:

- Support to transnational projects in quantum technologies, fostering synergy between European, national and regional initiatives and promoting broader partnerships between the EU stakeholders.
- Achieve closer coordination and greater mobilisation and pooling of resources.
- Support the Quantum Flagship by implementing calls for proposals resulting in grants to third parties.

Indicative budget: EUR 15.00 million
EU contribution per project: EUR 15.00 million
Type of Action: RIA, Cascading grant with FSTP (can only be provided in the form of grants)

- **The maximum amount to be granted to each third party is EUR 700.000**
- **Minimum 85% of EU funding to be allocated to FSTP, selected through joint calls**
- **Third parties will be funded through projects of around EUR 2.5 million per project**

TRL: Start at TRL 1-4 and achieve TRL up to 6

Eligibility conditions: MS, associated countries, OECD and Mercosur countries

Call Opening: Around April 2024

DISCLAIMER: This topic will be cancelled but will be reinserted in a new 2024 HUMAN Call to be added in the upcoming amendment of the Work Programme. This amendment has not been adopted by the European Commission yet. Only the adopted work programme will have legal value. The adoption of the amended WP will be announced on the F&T Portal.

European Commission

HORIZON-CL4-2024-DIGITAL-EMERGING-01-45: Quantum sensing and metrology for market uptake (IA)

Expected Outcomes:

- Contribute to **mature quantum sensing technologies and devices**
- In a **broad range of application sectors**
- Goal to **establish a reliable, efficient supply chain** – first standardisation and calibration efforts

→ Demonstrate **advanced prototypes** with unprecedented level of precision and stability

→ Target miniaturised, integrated, transportable sensors and plans for further **industrialisation**

→ Importance of targeted **collaborations**

Indicative budget:	**MEUR 15**
EU contribution per project:	**MEUR 4-5**
Type of Action:	**Innovation Action**
TRL:	**from TRL 4-5 to TRL 6-7**
Eligibility conditions:	Participation limited to: **MS, Iceland, Norway, Israel** Entities directly or indirectly controlled by a non-eligible country/country entity, may not participate (unless **guarantees** provided)

European Commission

Call - Digital and emerging technologies for competitiveness and fit for the Green Deal

Opening: 15 Nov 2023 Deadline(s): 19 Mar 2023

Graphene and 2D materials: Europe in the lead

- HORIZON-CL4-2024-DIGITAL-EMERGING-01-31: Pilot line(s) for 2D materials-based devices (RIA)

Continuation of the 2D experimental Pilot Line, build on the IP developed therein. **Expected Outcomes:**

- Broadly accessible pilot line(s) fostering the creation of **electronic and photonic devices and systems (co-)integrating 2D materials**
- Significant progress towards the adoption of the 2D materials in the silicon and semi-conductor arena by allowing the production of new (co-)integrated devices and systems in a quality-controlled way

Indicative budget: EUR 33 million
EU contribution per project: EUR 33 million
Type of Action: RIA
TRL: Electronics: starting TRL 3 with ending TRL 5 / Photonics: starting TRL 3-4 and ending TRL 5-6

Proposals should:

- include a business case and exploitation strategy
- cover the contribution to the governance and overall coordination of the Graphene Flagship initiative
- develop synergies and relate to activities and outcomes of the projects selected under the other topics of ‘Graphene and 2D materials: Europe in the lead’ and where relevant of the KDT JU.

European Commission

EU strategic priorities and 2024 CL4 digital topics Destination 6 Human

EU Strategy and policy files	Strategic Priorities	Topics Expected Impacts	Topics' Headings
White Paper on Artificial Intelligence **Digital Decade Policy Programme 2030** **EU Standardization Strategy** **European Digital Rights and Principles** **Draft EU AI Act** **HE Strategic Plan 2021-2024**	- European way to digital transformation (democratic values, fundamental rights, and contributing to a climate-neutral economy) - A strong and competitive EU economy that shapes technology in a way that respects European values - Information provision on the use of high-risk AI systems - European leadership in global standards - European Digital Rights and Principles: Putting people at the centre of the digital transformation	- Trustworthy AI - Increased influence of Europe into ICT standardisation - Develop sectorial ICT standardisation in support of EU policies - Strengthening EU's approach to a human-centred digital transformation - Measuring the implementation of the Digital Rights and Principles	Leadership in AI based on trust European standards for industrial competitiveness Digital Humanism and human compatible technologies

Destination 6
Call - A human-centred and ethical development of digital and industrial technologies

The Commission intends to cancel the 3 topics below. A new Call that would be opened around April 2024 is also foreseen. Please note that the new call will only be published when an amendment to the Work Programme has been adopted by the European Commission. Only the adopted work programme will have legal value. The adoption of the amended WP will be announced on the F&T Portal. The Commission expressly disclaims liability for any future changes of the content of this call/topic.

- ~~*HORIZON-CL4-2024-HUMAN-01-06: Explainable and Robust AI (AI Data and Robotics Partnership) (RIA)*~~
- ~~*HORIZON-CL4-2024-HUMAN-01-07: Collaborative intelligence – combining the best of machine and human (AI Data and Robotics Partnership) (RIA)*~~

For AI, The Commission is also considering the need to introduce new AI topics under the new call. Discussions are still ongoing on such a possibility. The possible new topic(s) under discussion would better support the policy needs emerging from the fast evolving trend on Artificial Intelligence. Generative Artificial Intelligence and Foundational models could be an important part of such possible new topic(s), along with a possible new topic featuring elements of "Explainable and Robust AI".

- ~~*HORIZON-CL4-2024-HUMAN-01-61: Facilitate the engagement in global ICT standardisation development (CSA), EUR 6.00 million.*~~

This topic is planned to be postponed, unchanged, to the new call.

See https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/horizon-cl4-2024-human-01-06?keywords=HORIZON-CL4-2024-HUMAN-01&tenders=false&openForSubmission=false

~~HORIZON-CL4-2024-HUMAN-01-61~~: Facilitate the engagement in global ICT standardisation development (CSA)

Expected Outcomes:

- **Support participation of European specialists in international ICT Standards Developing Organisations**
- Develop and update **sectorial landscape and gap analyses of ICT standardisation needs** in support of EU policies and for strategic sectors (e.g. internet, quantum, IoT, 5G/6G, data, edge or AI among others)
- Promote **awareness on the ICT standardisation development process**, and **education on the importance of standardisation** for promoting EU industry competitiveness, sovereignty, green ambitions, ethics and values.
- Creation of a **foresight committee** to liaise with other similar initiatives, including **EU supported PPPs, Jus and EU (and national) funded R&I projects** having identified potential ICT standardsation outputs.

Indicative budget*: 6.0 EUR million **EU contribution per project:** 6.0 EUR million

Call Opening: Around April 2024

**A minimum of 70% of the total requested EU contribution should be allocated to financial support to third parties (FSTP) selected through open calls to support European specialists. Financial support should be in the order of EUR 1.000-10.000, with a maximum amount of EUR 50.000 to be granted to each third party.*

DISCLAIMER: This topic will be cancelled but will be reinserted in a new 2024 Call to be added in the upcoming amendment of the Work Programme. This amendment has not been adopted by the European Commission yet. Only the adopted work programme will have legal value. The adoption of the amended WP will be announced on the F&T Portal.

~~HORIZON-CL4-2023-HUMAN-01-81~~: Digital Humanism - Putting people at the centre of EU's digital transformation

Expected Outcomes :

- Create an **active network and cross disciplinary communities on digital humanism** bringing together ICT experts, ethnologists, sociologists and experts in fundamental rights
- Help defining and strengthening EU's approach to a human-centred digital transformation as part of the **Digital Decade 2030 strategy**, through cross-disciplinary, world class foundational and application oriented research
- Formulate **approaches how to transform and strengthen European standards** (rule of law, social market economy, fundamental rights, social standards and social partnership) into the digital realm
- Formulate **a list of recommendations and roadmaps to address current gaps or issues that are preventing the development of digital solutions** that will reinforce digital humanism across the society
- Develop a **conceptual framework as well as tools and indicators** to monitor and promote the progress of the 'declaration on digital rights and principles'

Indicative budget: EUR 1,5 million

EU contribution per project: EUR 1,5 million
Type of Action: CSA

Call Opening: Around April 2024

DISCLAIMER: This topic is planned to be re-introduced in the WP in the upcoming amendment but it has not been adopted by the European Commission yet. Only the adopted work programme will have legal value. The adoption of the amended WP will be announced on the F&T Portal.

European Commission

Thank you

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