

## Pillar 2: Global Challenges and European Industrial Competitiveness

The following calls are those that may be of interest to researchers working across AHSS. The list is not exhaustive, so please refer to the [EU Funding Portal](#) for full details. If you want to discuss developing an application to an EU funding call, please contact [Dr Elizabeth Penner](#) (School Research Facilitator).

### Cluster 1: Health

The aims of this cluster include improving and protecting the health and well-being of citizens of all ages by generating new knowledge, developing innovative solutions and integrating where relevant a gender perspective to prevent, diagnose, monitor, treat and cure diseases. Further aims include developing health technologies, mitigating health risks, protecting populations and promoting good health and well-being in general and at work. Finally, this cluster also aims to make public health systems more cost-effective, equitable and sustainable, prevent and tackle poverty-related diseases and support and enable patients' participation and self-management. The expected impacts of this cluster are contained in the [Horizon Europe strategic plan](#).

For further information, please see the [UKRI's Health Cluster website](#). This includes links to helpful resources and National Contact Point (NCT) contact details.

#### Areas of intervention

- health throughout the life course
- environmental and social health determinants
- non-communicable and rare diseases
- infectious diseases including poverty-related and neglected diseases
- tools, technologies and digital solutions for health and care including personalised medicine
- health care systems

#### Policy information

- [Research area: Health](#)
- [Mission area: Cancer](#)
- [Candidates for European Partnerships in this cluster](#)

Call / ID	Opening Date	Deadline Date
Safe & Sustainable by Design (SSbD) packaging and single use device solutions for healthcare products - HORIZON-JU-IHI-2023-04-05-two-stage	27 July 2023	08 November 2023 (First stage deadline)  23 April 2024 (Second stage deadline)
Sustainable circular development and manufacturing of healthcare products and their quantitative environmental impact assessment - HORIZON-JU-IHI-2023-04-06-two-stage	27 July 2023	08 November 2023 (First stage deadline)  23 April 2024 (Second stage deadline)
Pandemic preparedness and response: Maintaining the European partnership for pandemic preparedness - HORIZON-HLTH-2024-DISEASE-08-12	26 October 2023	11 April 2024

## Cluster 2: Culture, creativity and inclusive society

This cluster aims to strengthen European democratic values, including rule of law and fundamental rights, safeguarding our cultural heritage, and promoting socio-economic transformations that contribute to inclusion and growth.

For further information, please see the [UKRI's Cluster 2 website](#). This includes links to helpful resources and National Contact Point (NCT) contact details.

### Areas of intervention

- democracy
- cultural heritage
- social and economic transformations

### Policy information

Research area: [Social Sciences and Humanities](#)

Call / ID	Opening Date	Deadline Date
The interrelation between social, cultural and political identities, as well as the sense of belonging, and democracies - HORIZON-CL2-2024-DEMOCRACY-01-04	04 October 2023	07 February 2024
The role and functioning of public administrations in democratic systems - HORIZON-CL2-2024-DEMOCRACY-01-09	04 October 2023	07 February 2024
Future scenarios and young visions for European democracy 2040 - HORIZON-CL2-2024-DEMOCRACY-01-11	04 October 2023	07 February 2024
Cultural and creative industries for a sustainable climate transition - HORIZON-CL2-2024-HERITAGE-01-02	04 October 2023	07 February 2024
Strategies to strengthen the European linguistic capital in a globalised world - HORIZON-CL2-2024-HERITAGE-01-05	04 October 2023	07 February 2024
Strengthen economic fairness and resilience of active labour market policies and address high unemployment - HORIZON-CL2-2024-TRANSFORMATIONS-01-02	04 October 2023	07 February 2024
Protest politics and cultures of opposition in democracy - HORIZON-CL2-2024-DEMOCRACY-01-01	04 October 2023	07 February 2024
What is the long-term impact of rule of law and other European values on socio-economic outcomes? - HORIZON-CL2-2024-DEMOCRACY-01-03	04 October 2023	07 February 2024

Computational Social Science approaches in research on democracy - HORIZON-CL2-2024-DEMOCRACY-01-06	04 October 2023	07 February 2024
Political participation in multilingual spaces - HORIZON-CL2-2024-DEMOCRACY-01-10	04 October 2023	07 February 2024
New European Bauhaus – Innovative solutions for greener and fairer ways of life through arts and culture, architecture and design for all - HORIZON-CL2-2024-HERITAGE-01-01	04 October 2023	07 February 2024
Effective education and labour market transitions of young people - HORIZON-CL2-2024-TRANSFORMATIONS-01-10	04 October 2023	07 February 2024
Europe's cultural heritage and arts – promoting our values at home and abroad - HORIZON-CL2-2024-HERITAGE-01-04	04 October 2023	07 February 2024
The role of social economy in addressing social exclusion, providing quality jobs and greater sustainability - HORIZON-CL2-2024-TRANSFORMATIONS-01-09	04 October 2023	07 February 2024
Leverage the digital transition for competitive European cultural and creative industries - HORIZON-CL2-2024-HERITAGE-01-03	04 October 2023	07 February 2024
Multilevel governance in times of digital and climate transitions - HORIZON-CL2-2024-DEMOCRACY-01-02	04 October 2023	07 February 2024
Digital democracy - HORIZON-CL2-2024-DEMOCRACY-01-07	04 October 2023	07 February 2024
Minimise costs and maximise benefits of job creation and job destruction - HORIZON-CL2-2024-TRANSFORMATIONS-01-03	04 October 2023	07 February 2024
Assessing and strengthening the complementarity between new technologies and human skills - HORIZON-CL2-2024-TRANSFORMATIONS-01-11	04 October 2023	07 February 2024
Gender-roles in extremist movements and their impact on democracy - HORIZON-CL2-2024-DEMOCRACY-01-05	04 October 2023	07 February 2024
Testing and implementation of research results fostering democracy and governance - HORIZON-CL2-2024-DEMOCRACY-01-12	04 October 2023	07 February 2024

Methodologies for teamworking of researchers – reinforcing transversal collaborative skills, behavioural and implementation sciences - HORIZON-CL2-2024-TRANSFORMATIONS-01-07	04 October 2023	07 February 2024
Culture, the arts and cultural spaces for democratic participation and political expression, online and offline - HORIZON-CL2-2024-DEMOCRACY-01-08	04 October 2023	07 February 2024
Policy recommendations from socio-economic impacts of loneliness in Europe - HORIZON-CL2-2024-TRANSFORMATIONS-01-01	04 October 2023	07 February 2024
Social services: economic and social returns and value added - HORIZON-CL2-2024-TRANSFORMATIONS-01-04	04 October 2023	07 February 2024
Social dialogue in the new world of work - HORIZON-CL2-2024-TRANSFORMATIONS-01-05	04 October 2023	07 February 2024
Beyond the horizon: A human-friendly deployment of artificial intelligence and related technologies - HORIZON-CL2-2024-TRANSFORMATIONS-01-06	04 October 2023	07 February 2024
Arts and cultural awareness and expression in education and training - HORIZON-CL2-2024-TRANSFORMATIONS-01-08	04 October 2023	07 February 2024
Cultural and creative industries for a sustainable climate transition - HORIZON-CL2-2024-HERITAGE-01-02	04 October 2023	07 February 2024

## Cluster 3: Civil Security for Society

This cluster responds to the challenges arising from persistent security threats, including cybercrime, as well as natural and man-made disasters. The expected impacts of this cluster are contained in the [Horizon Europe strategic plan](#).

For further information, please see the [UKRI's Civil Security website](#). This includes links to helpful resources and National Contact Point (NCT) contact details.

### Areas of intervention

- disaster-resilient societies
- protection and security
- cybersecurity

### Policy information

[EU civil security research](#) is one of the building blocks of the [Security Union](#). Research in this cluster supports the following policies

- [fighting crime](#) and [terrorism](#) (including [organised crime](#) and [cybercrime](#))
- [border management](#) (including [customs security](#) and [maritime security](#))
- [resilient infrastructure](#)
- [cybersecurity](#) (including [security of network and information systems](#) and [certification](#))
- [disaster-resilient societies](#) (including against [chemical, biological, radiological and nuclear \(CBRN\) incidents](#); climate-related risks and extreme events; geological disasters, such as earthquakes, volcanic eruptions and tsunamis; pandemics)

Call / ID	Opening Date	Deadline Date
<a href="#">Security of robust AI systems - HORIZON-CL3-2023-CS-01-03</a>	29 June 2023	23 November 2023
<a href="#">Secure Computing Continuum (IoT, Edge, Cloud, Dataspace) - HORIZON-CL3-2023-CS-01-01</a>	29 June 2023	23 November 2023
<a href="#">Privacy-preserving and identity management technologies - HORIZON-CL3-2023-CS-01-02</a>	29 June 2023	23 November 2023
<a href="#">Design of crisis prevention and preparedness actions in case of digital breakdown (internet, electricity etc.) - HORIZON-CL3-2023-DRS-01-02</a>	29 June 2023	23 November 2023

New methods and technologies in service of community policing and transferable best practices - HORIZON-CL3-2023-FCT-01-03	29 June 2023	23 November 2023
Supporting operators against cyber and non-cyber threats to reinforce the resilience of critical infrastructures - HORIZON-CL3-2023-INFRA-01-02	29 June 2023	23 November 2023
Improving social and societal preparedness for disaster response and health emergencies - HORIZON-CL3-2023-DRS-01-01	29 June 2023	23 November 2023
Interoperability of systems and equipment at tactical level; between equipment and databases; and/or between databases of threats and materials - HORIZON-CL3-2023-BM-01-04	29 June 2023	23 November 2023
Internationally coordinated networking of training centres for the validation and testing of CBRN-E tools and technologies in case of incidents, with consideration of human factors - HORIZON-CL3-2023-DRS-01-03	29 June 2023	23 November 2023
Facilitating strategic cooperation to ensure the provision of essential services - HORIZON-CL3-2023-INFRA-01-01	29 June 2023	23 November 2023
Open topic - HORIZON-CL3-2023-FCT-01-04	29 June 2023	23 November 2023
Processing of large, complex and unstructured datasets resulting from criminal investigations, while reconciling big data analysis and data protection - HORIZON-CL3-2023-FCT-01-01	29 June 2023	23 November 2023
Crime as a service - HORIZON-CL3-2023-FCT-01-05	29 June 2023	23 November 2023
Open grounds for pre-commercial procurement of innovative security technologies - HORIZON-CL3-2023-SSRI-01-01	29 June 2023	23 November 2023
Capabilities for border surveillance and situational awareness - HORIZON-CL3-2023-BM-01-01	29 June 2023	23 November 2023
CBRN-E detection capacities in small architecture - HORIZON-CL3-2024-FCT-01-05	27 June 2024	20 November 2024
Harmonised / Standard protocols for the implementation of alert and impact forecasting systems as well as transnational emergency management in the areas of high-impact weather / climatic and geological disasters - HORIZON-CL3-2024-DRS-01-02	27 June 2024	20 November 2024

Mitigating new threats and adapting investigation strategies in the era of Internet of Things - HORIZON-CL3-2024-FCT-01-01	27 June 2024	20 November 2024
Demand-led innovation through public procurement - HORIZON-CL3-2024-SSRI-01-01	27 June 2024	20 November 2024
Integrated risk-based border control that mitigates public security risk, reduces false positives and strengthens privacy - HORIZON-CL3-2024-BM-01-03	27 June 2024	20 November 2024
Resilient and secure urban planning and new tools for EU territorial entities - HORIZON-CL3-2024-INFRA-01-01	27 June 2024	20 November 2024
Advanced user-friendly, compatible, secure identity and travel document management - HORIZON-CL3-2024-BM-01-02	27 June 2024	20 November 2024
Detection and tracking of illegal and trafficked goods - HORIZON-CL3-2024-BM-01-04	27 June 2024	20 November 2024
Lawful evidence collection in online child sexual abuse investigations, including undercover - HORIZON-CL3-2024-FCT-01-03	27 June 2024	20 November 2024
Radicalisation and gender - HORIZON-CL3-2024-FCT-01-04	27 June 2024	20 November 2024
Tracing of cryptocurrencies transactions related to criminal purposes - HORIZON-CL3-2024-FCT-01-06	27 June 2024	20 November 2024
Interoperability for border and maritime surveillance and situational awareness - HORIZON-CL3-2024-BM-01-01	27 June 2024	20 November 2024
Combating hate speech online and offline - HORIZON-CL3-2024-FCT-01-05	27 June 2023	20 November 2024



## Cluster 5: Climate, Energy and Mobility

This cluster aims to fight climate change by better understanding its causes, evolution, risks, impacts and opportunities, and by making the energy and transport sectors more climate and environment-friendly, more efficient and competitive, smarter, safer and more resilient. The expected impacts of this cluster are contained in the [Horizon Europe strategic plan](#).

For further information, please see the [UKRI's Climate, Energy and Mobility website](#). This includes links to helpful resources and National Contact Point (NCT) contact details.

### Areas of intervention

- climate science and solutions
- energy supply
- energy systems and grids
- buildings and industrial facilities in energy transition
- communities and cities
- industrial competitiveness in transport
- clean, safe and accessible transport and mobility
- smart mobility
- energy storage

### Policy information

- [Research area: Climate action](#)
- [Research area: Energy](#)
- [Research area: Transport](#)
- [Mission area: Adaptation to climate change including societal transformation](#)
- [Mission area: Climate-neutral and smart cities](#)
- [Candidates for European Partnerships in this cluster](#)

Call / ID	Opening Date	Deadline Date
<a href="#">Creation of a standardised and open-source peer-to-peer energy sharing platform architecture for the energy sector - HORIZON-CL5-2023-D3-03-05</a>	04 May 2023	10 October 2023
<a href="#">Digital tools for enhancing the uptake of digital services in the energy market - HORIZON-CL5-2023-D3-03-04</a>	04 May 2023	10 October 2023
<a href="#">Energy Management Systems for flexibility services - HORIZON-CL5-2024-D3-01-12</a>	12 September 2023	16 January 2024
<a href="#">Africa-EU CO-FUND action - HORIZON-CL5-2024-D3-01-09</a>	12 September 2023	16 January 2024

AI Testing and Experimentation Facility (TEF) for the energy sector – bringing technology to the market - HORIZON-CL5-2024-D3-01-11	12 September 2023	16 January 2024
The role of climate change foresight for primary and secondary raw materials supply - HORIZON-CL5-2024-D1-01-06	12 September 2023	05 March 2023
Smart grid-ready buildings - HORIZON-CL5-2024-D4-01-02	07 December 2023	18 April 2024
Digital solutions to foster participative design, planning and management of buildings, neighbourhoods and urban districts (Built4People Partnership) - HORIZON-CL5-2024-D4-02-05	17 September 2024	21 January 2025
Minimisation of environmental, and optimisation of socio-economic impacts in the deployment, operation and decommissioning of offshore wind farms - HORIZON-CL5-2024-D3-02-08	17 September 2024	21 January 2025
Industrialisation of sustainable and circular deep renovation workflows (Built4People Partnership) - HORIZON-CL5-2024-D4-02-01	17 September 2024	21 January 2025
Design for adaptability, re-use and deconstruction of buildings, in line with the principles of circular economy (Built4People Partnership) - HORIZON-CL5-2024-D4-02-04	17 September 2023	21 January 2025

## Cluster 6: Food, Bioeconomy Natural Resources, Agriculture and Environment

This cluster aims at reducing environmental degradation, halting and reversing the decline of biodiversity on land, inland waters and sea and better managing natural resources through transformative changes of the economy and society in both urban and rural areas. It will ensure food and nutrition security for all within planetary boundaries through knowledge, innovation and digitalisation in agriculture, fisheries, aquaculture and food systems and steer and accelerate the transition to a low carbon, resource efficient circular economy and sustainable bioeconomy, including forestry. Research and innovation activities under cluster 6 will contribute to the objectives of the [European Green Deal](#) related to the [Biodiversity Strategy to 2030](#), the [Farm to Fork strategy](#), the [European Climate Pact](#) and initiatives under [sustainable industry](#) and [eliminating pollution](#), as well as the [long-term vision for rural areas](#), and the Sustainable Development Goals. The expected impacts of this cluster are contained in the [Horizon Europe strategic plan](#). For further information, please see the [UKRI's Cluster 6 website](#). This includes links to helpful resources and National Contact Point (NCT) contact details.

### Areas of intervention

- environmental observation
- biodiversity and natural resources
- agriculture, forestry and rural areas
- seas, oceans and inland waters
- food systems
- bio-based innovation systems in the EU's bioeconomy
- circular systems

### Policy information

- [Research area: Environmental observation](#)
- [Research area: Agriculture, forestry and rural areas](#)
- [Research area: Oceans and seas](#)
- [Research area: Food systems](#)
- [Candidates for European Partnerships in this cluster](#)
- [Research area: Environment](#)
- [Mission area: Adaptation to climate change including societal transformation](#)
- [Mission area: Healthy oceans, seas and inland waters](#)
- [Mission area: Soil health and food](#)

Call / ID	Opening Date	Deadline Date
Preventing and reducing food waste to reduce environmental impacts and to help reach 2030 climate targets - HORIZON-CL6-2024-FARM2FORK-01-8	17 October 2023	22 February 2024
Participation and empowerment of Arctic coastal, local, and indigenous communities in environmental decision-making - HORIZON-CL6-2024-COMMUNITIES-01-3	17 October 2023	22 February 2024
Environmental impacts of food systems - HORIZON-CL6-2024-ZEROPOLLUTION-01-3	17 October 2023	22 February 2024

Demonstrating the potential of Nature-based Solutions and the New European Bauhaus to contribute to sustainable, inclusive and resilient living spaces and communities - HORIZON-CL6-2024-BIODIV-02-2-two-stage	17 October 2023	22 February 2024 (First Stage deadline) 17 September 2024 (Second Stage deadline)
EU-African Union – towards climate-neutral, social just fair trade food systems - HORIZON-CL6-2024-FARM2FORK-01-11	17 October 2023	22 February 2024
Circular bioeconomy start-up villages - HORIZON-CL6-2024-CircBio-01-9	17 October 2023	22 February 2024
Climate change and food safety: effects of climate change on food safety across food systems - HORIZON-CL6-2024-FARM2FORK-01-4	17 October 2023	22 February 2024
Minimising climate impact on aquaculture: mitigation and adaptation solutions for future climate regimes - HORIZON-CL6-2024-FARM2FORK-02-7-two-stage	17 October 2023	22 February 2024 (First Stage deadline) 17 September 2024 (Second Stage deadline)
Thematic network tackling food fraud by translating research and innovation into practice - HORIZON-CL6-2024-FARM2FORK-01-3	17 October 2023	22 February 2024
Societal perceptions and benefits of rural life and jobs: will COVID 19 generate a long-lasting shift? - HORIZON-CL6-2024-COMMUNITIES-01-2	17 October 2023	22 February 2024
New sustainable business and production models for farmers and rural communities - HORIZON-CL6-2024-COMMUNITIES-02-2-two-stage	17 October 2023	22 February 2024 (First Stage deadline)

		17 September 2024 (Second Stage deadline)
Digital information systems for bio-based products - HORIZON-CL6-2024-CircBio-01-6	17 October 2023	22 February 2024
Increasing the circularity in electronics value chains - HORIZON-CL6-2024-CircBio-02-3-two-stage	17 October 2023	22 February 2024 (First Stage deadline) 17 September 2024 (Second Stage deadline)
Agro-pastoral/outdoor livestock systems and wildlife management - HORIZON-CL6-2024-FARM2FORK-01-1	17 October 2023	22 February 2024
EU-African Union cooperation on agroforestry management for climate change adaptation and mitigation - HORIZON-CL6-2024-FARM2FORK-01-10	17 October 2023	22 February 2024
New healthy and sustainable food products and processes - HORIZON-CL6-2024-FARM2FORK-01-2	17 October 2023	22 February 2024
Citizens' science as an opportunity to foster the transition to sustainable food systems - HORIZON-CL6-2024-FARM2FORK-01-6	17 October 2023	22 February 2024
Innovative circular solutions for furniture - HORIZON-CL6-2024-CircBio-01-3	17 October 2023	22 February 2024
Systemic circular solutions for a sustainable tourism - HORIZON-CL6-2024-CircBio-01-4	17 October 2023	22 February 2024
Digital for nature - HORIZON-CL6-2024-BIODIV-01-2	17 October 2023	22 February 2024
Ocean models for seasonal to decadal regional climate impacts and feedbacks - HORIZON-CL6-2024-CLIMATE-01-6	17 October 2023	22 February 2024

Increasing the circularity in plastics value chains - HORIZON-CL6-2024-CircBio-02-2-two-stage	17 October 2023	22 February 2024 (First Stage deadline) 17 September 2024 (Second Stage deadline)
Circular bioeconomy start-up villages - HORIZON-CL6-2024-CircBio-01-9	17 October 2023	22 February 2024
New circular solutions and decentralised approaches for water and wastewater management - HORIZON-CL6-2024-CircBio-02-4-two-stage	17 October 2023	22 February 2024 (First Stage deadline) 17 September 2024 (Second Stage deadline)
Climate change and food safety: effects of climate change on food safety across food systems - HORIZON-CL6-2024-FARM2FORK-01-4	17 October 2023	22 February 2024
Bioeconomy project development assistance - HORIZON-CL6-2024-CircBio-01-8	17 October 2023	22 February 2024
Circular solutions for textile value chains through innovative sorting, recycling, and design for recycling - HORIZON-CL6-2024-CircBio-02-1-two-stage	17 October 2023	22 February 2024 (First Stage deadline) 17 September 2024 (Second Stage deadline)
Socio-economic, climate and environmental aspects of paludiculture - HORIZON-CL6-2024-CLIMATE-01-2	17 October 2023	22 February 2024

Creating smart and attractive tools to enhance healthy and sustainable food provision, eating and treating of food at home - HORIZON-CL6-2024-FARM2FORK-01-5	17 October 2023	22 February 2024
Environmental impacts of food systems - HORIZON-CL6-2024-ZEROPOLLUTION-01-3	17 October 2023	22 February 2024
Dependence of society and the economy on pollinators - HORIZON-CL6-2024-BIODIV-01-3	17 October 2023	22 February 2024
Land use change and local / regional climate - HORIZON-CL6-2024-CLIMATE-01-4	17 October 2023	22 February 2024
Digital for nature - HORIZON-CL6-2024-BIODIV-01-2	17 October 2023	22 February 2024
Organic farming thematic networks to compile and share knowledge ready for practice - HORIZON-CL6-2024-GOVERNANCE-01-10	17 October 2023	28 February 2024
Developing EU advisory networks on sustainable livestock systems - HORIZON-CL6-2024-GOVERNANCE-01-13	17 October 2023	28 February 2024
Developing EU advisory networks on forestry - HORIZON-CL6-2024-GOVERNANCE-01-12	17 October 2023	28 February 2024
Supporting the All-Atlantic Ocean Research and Innovation Alliance and Declaration - HORIZON-CL6-2024-GOVERNANCE-01-4	17 October 2023	28 February 2024
Regional ecosystems of innovation to foster food system transformation - HORIZON-CL6-2024-GOVERNANCE-01-2	17 October 2023	28 February 2024
Customisation/pre-operationalisation of prototypes end-user services in the area Climate Change Adaptation and Mitigation - HORIZON-CL6-2024-GOVERNANCE-01-5	17 October 2023	28 February 2024
Enhancing working conditions and strengthening the work force through digital and data technologies – the potential of robotics and augmented reality in agriculture - HORIZON-CL6-2024-GOVERNANCE-01-7	17 October 2023	28 February 2024
Broaden EIP Operational Group outcomes across borders by means of thematic networks to compile and share knowledge ready for practice - HORIZON-CL6-2024-GOVERNANCE-01-8	17 October 2023	28 February 2024

The role of mainstream media, social media and marketing in fostering healthy and sustainable consumption patterns and how to encourage good practices - HORIZON-CL6-2024-GOVERNANCE-01-3	17 October 2023	28 February 2024
Thematic networks to compile and share knowledge ready for practice - HORIZON-CL6-2024-GOVERNANCE-01-9	17 October 2023	28 February 2024