

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
Enhance primary cancer prevention through sustainable behavioural change - HORIZON-MISS-2023-CANCER-01-02	12 January 2023	12 April 2023
Resilience and mental wellbeing of the health and care workforce - HORIZON-HLTH-2023-CARE-04-02	12 January 2023	13 April 2023
Environmentally sustainable and climate neutral health and care systems - HORIZON-HLTH-2023-CARE-04-03	12 January 2023	13 April 2023
Pandemic preparedness and response: Sustaining established coordination mechanisms for European adaptive platform trials and/or for cohort networks - HORIZON-HLTH-2023-DISEASE-03-05	12 January 2023	13 April 2023
Maintaining access to regular health and care services in case of cross-border emergencies - HORIZON-HLTH-2023-CARE-04-01	12 January 2023	13 April 2023
Planetary health: understanding the links between environmental degradation and health impacts - HORIZON-HLTH-2023-ENVHLTH-02-01	12 January 2023	13 April 2023
Expanding the European Electronic Health Record exchange Format to improve interoperability within the European Health Data Space - HORIZON-HLTH-2023-IND-06-02	12 January 2023	13 April 2023
Novel approaches for palliative and end-of-life care for non-cancer patients - HORIZON-HLTH-2023-DISEASE-03-01	12 January 2023	13 April 2023
Development and harmonisation of methodologies for assessing digital health technologies in Europe - HORIZON-HLTH-2023-IND-06-07	12 January 2023	13 April 2023

Evidence-based interventions for promotion of mental and physical health in changing working environments (post-pandemic workplaces) - HORIZON-HLTH-2023-ENVHLTH-02-02	12 January 2023	13 April 2023
The Silver Deal - Person-centred health and care in European regions - HORIZON-HLTH-2023-STAYHLTH-01-01	12 January 2023	13 April 2023
Harnessing the potential of real-time data analysis and secure Point-of-Care computing for the benefit of person-centred health and care delivery - HORIZON-HLTH-2023-TOOL-05-05	12 January 2023	13 April 2023
Access to health and care services for people in vulnerable situations - HORIZON-HLTH-2024-CARE-04-04-two-stage	30 March 2023	19 September 2023 (First stage deadline) 11 April 2024 (Second stage deadline)
The role of environmental pollution in non-communicable diseases: air, noise and light and hazardous waste pollution - HORIZON-HLTH-2024-ENVHLTH-02-06-two-stage	30 March 2023	19 September 2023 (First stage deadline) 11 April 2024 (Second stage deadline)
Towards a holistic support to children and adolescents' health and care provisions in an increasingly digital society - HORIZON-HLTH-2024-STAYHLTH-01-02-two-stage	30 March 2023	19 September 2023 (First stage deadline) 11 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
Intersectionality and equality in deliberative and participatory democratic spaces - HORIZON-CL2-2023-DEMOCRACY-01-07	14 December 2022	14 March 2023
Tackling European skills and labour shortages - HORIZON-CL2-2023-TRANSFORMATIONS-01-07	14 December 2022	14 March 2023
Democratic governance for times of disruptive changes to the social contract - HORIZON-CL2-2023-DEMOCRACY-01-06	14 December 2022	14 March 2023
Political perspectives for the Eastern Neighbourhood and the Western Balkans - HORIZON-CL2-2023-DEMOCRACY-01-08	14 December 2022	14 March 2023
Cultural heritage in transformation – facing change with confidence - HORIZON-CL2-2023-HERITAGE-01-04	14 December 2022	14 March 2023
Promoting cultural literacy through arts education to foster social inclusion - HORIZON-CL2-2023-HERITAGE-01-07	14 December 2022	14 March 2023
Efficiency and effectiveness of investment in high-quality education and training - HORIZON-CL2-2023-TRANSFORMATIONS-01-05	14 December 2022	14 March 2023

Integrated care solutions leading to better quality, person-centred long-term care and overcoming territorial inequalities in their provision - HORIZON-CL2-2023-TRANSFORMATIONS-01-08	14 December 2022	14 March 2023
Mapping of longitudinal data and assessment of inequalities in education, training and learning achievements - HORIZON-CL2-2023-TRANSFORMATIONS-01-06	14 December 2022	14 March 2023
Addressing housing inequalities in a sustainable, inclusive and affordable way - HORIZON-CL2-2023-TRANSFORMATIONS-01-09	14 December 2022	14 March 2023
Detecting, analysing and countering foreign information manipulation and interference - HORIZON-CL2-2023-DEMOCRACY-01-01	14 December 2022	14 March 2023
The emotional politics of democracies - HORIZON-CL2-2023-DEMOCRACY-01-04	14 December 2022	14 March 2023
Advanced technologies for remote monitoring of heritage monuments and artefacts - HORIZON-CL2-2023-HERITAGE-01-01	14 December 2022	14 March 2023
Developing a better understanding of information suppression by state authorities as an example of foreign information manipulation and interference - HORIZON-CL2-2023-DEMOCRACY-01-02	14 December 2022	14 March 2023
A world leading European video game innovation system - HORIZON-CL2-2023-HERITAGE-01-06	14 December 2022	14 March 2023
Remote working arrangements and their economic, social and spatial effects - HORIZON-CL2-2023-TRANSFORMATIONS-01-01	14 December 2022	14 March 2023
Tackling inequalities in the green and digital transitions - HORIZON-CL2-2023-TRANSFORMATIONS-01-10	14 December 2022	14 March 2023
Cultural and creative industries for a sustainable climate transition - HORIZON-CL2-2023-HERITAGE-01-02	14 December 2022	14 March 2023

Cultural and creative industries for a sustainable climate transition - HORIZON-CL2-2023-HERITAGE-01-02	14 December 2022	14 March 2023
Cultural and creative approaches for gender-responsive STEAM education - HORIZON-CL2-2023-HERITAGE-01-08	14 December 2022	14 March 2023
Bridging the migration research to policy gap - HORIZON-CL2-2023-TRANSFORMATIONS-01-04	14 December 2022	14 March 2023
The climate imperative and its impact on democratic governance - HORIZON-CL2-2023-DEMOCRACY-01-05	14 December 2022	14 March 2023
Fostering socio-economic development and job creation in rural and remote areas through cultural tourism - HORIZON-CL2-2023-HERITAGE-01-05	14 December 2022	14 March 2023
Global Shortages and Skill Partnerships - HORIZON-CL2-2023-TRANSFORMATIONS-01-03	14 December 2022	14 March 2023
New approaches for combatting corruption and other undue influences on political decision-making - HORIZON-CL2-2023-DEMOCRACY-01-03	14 December 2022	14 March 2023
Re-visiting the digitisation of cultural heritage: What, how and why? - HORIZON-CL2-2023-HERITAGE-01-03	14 December 2022	14 March 2023
Towards sustainable economic policy paradigms - HORIZON-CL2-2023-TRANSFORMATIONS-01-02	14 December 2022	14 March 2023
Co-designed smart systems and services for user-centred shared zero-emission mobility of people and freight in urban areas (2Zero, CCAM and Cities' Mission) - HORIZON-MISS-2023-CIT-01-01	14 December 2022	14 March 2023
Positive clean energy district (PED) digital twins – from modelling to creating climate neutral Cities - HORIZON-MISS-2023-CIT-01-02	14 December 2022	14 March 2023

Urban greening and re-naturing for urban regeneration, resilience and climate neutrality - HORIZON-MISS-2023-CLIMA-CITIES-01-01	14 December 2022	14 March 2023
Addressing housing inequalities in a sustainable, inclusive and affordable way - HORIZON-CL2-2023-TRANSFORMATIONS-01-09	14 December 2022	14 March 2023
Positive clean energy district (PED) digital twins – from modelling to creating climate neutral Cities - HORIZON-MISS-2023-CIT-01-02	10 January 2023	27 April 2023
Associating Ukrainian cities to the Climate-neutral and smart cities Mission- HORIZON-MISS-2023-CIT-02-01	04 April 2023	06 September 2023
Discovering the subsoil - HORIZON-MISS-2023-SOIL-01-01	17 January 2023	20 September 2023
Innovations to prevent and combat desertification - HORIZON-MISS-2023-SOIL-01-04	17 January 2023	20 September 2023
Back to earth: bringing communities and citizens closer to soil - HORIZON-MISS-2023-SOIL-01-07	17 January 2023	20 September 2023
Integration of socio-ecological models into the Digital Twin Ocean - HORIZON-MISS-2023-OCEAN-01-08	17 January 2023	20 September 2023
Choose your fish: a campaign for responsible consumption of products from the sea - HORIZON-MISS-2023-OCEAN-01-10	17 January 2023	20 September 2023
Ocean & water and arts: the contribution of creative sectors to Mission Ocean and waters - HORIZON-MISS-2023-OCEAN-01-11	17 January 2023	20 September 2023
Atlantic and Arctic sea basin lighthouse – Addressing climate change and human activities threats to marine biodiversity - HORIZON-MISS-2023-OCEAN-01-03	17 January 2023	20 September 2023
A European Collaborative Cloud for Cultural Heritage – Innovative tools for digitising cultural heritage objects - HORIZON-CL2-2023-HERITAGE-ECCCH-01-02	10 January 2023	21 September 2023
A European Collaborative Cloud for Cultural Heritage - HORIZON-CL2-2023-HERITAGE-ECCCH-01-01	10 January 2023	21 September 2023

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

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
Co-designed smart systems and services for user-centred shared zero-emission mobility of people and freight in urban areas (2Zero, CCAM and Cities' Mission) - HORIZON-MISS-2023-CIT-01-01	10 January 2023	27 April 2023
Positive clean energy district (PED) digital twins – from modelling to creating climate neutral Cities - HORIZON-MISS-2023-CIT-01-02	10 January 2023	27 April 2023
Urban greening and re-naturing for urban regeneration, resilience and climate neutrality - HORIZON-MISS-2023-CLIMA-CITIES-01-01	10 January 2023	27 April 2023
Associating Ukrainian cities to the Climate-neutral and smart cities Mission - HORIZON-MISS-2023-CIT-02-01	04 April 2023	06 September 2023

Discovering the subsoil - HORIZON-MISS-2023-SOIL-01-01	17 January 2023	20 September 2023
Innovations to prevent and combat desertification - HORIZON-MISS-2023-SOIL-01-04	17 January 2023	20 September 2023
Co-creating solutions for soil health in Living Labs - HORIZON-MISS-2023-SOIL-01-08	17 January 2023	20 September 2023
Back to earth: bringing communities and citizens closer to soil - HORIZON-MISS-2023-SOIL-01-07	17 January 2023	20 September 2023
Security of robust AI systems - HORIZON-CL3-2023-CS-01-03	29 June 2023	23 November 2023
Secure Computing Continuum (IoT, Edge, Cloud, Dataspace) - HORIZON-CL3-2023-CS-01-01	29 June 2023	23 November 2023
Privacy-preserving and identity management technologies - HORIZON-CL3-2023-CS-01-02	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
Identify, inspect, neutralise Unexploded Ordnance (UXO) at sea - HORIZON-CL3-2023-BM-01-02	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

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
EU-China international cooperation on data and model development for pathways to carbon neutrality: focusing on decarbonisation, energy efficiency and socio-economic implications of the transition - HORIZON-CL5-2023-D1-02-01	13 December 2022	18 April 2023
EU-China international cooperation on blue carbon - HORIZON-CL5-2023-D1-02-02	13 December 2022	18 April 2023
Modelling for local resilience - Developments in support of local adaptation assessments and plans - HORIZON-CL5-2023-D1-01-07	13 December 2022	18 April 2023

Needs-based adaptation to climate change in Africa - HORIZON-CL5-2023-D1-01-11	13 December 2022	18 April 2023
Climate-related tipping points - HORIZON-CL5-2023-D1-01-02	13 December 2022	18 April 2023
Improving the evidence base regarding the impact of sustainability and climate change education and related learning outcomes - HORIZON-CL5-2023-D1-01-10	13 December 2022	18 April 2023
Behavioural change and governance for systemic transformations towards climate resilience - HORIZON-CL5-2023-D1-01-09	13 December 2022	18 April 2023
Support for the organisation of EU-US symposia in the field of Transport Research - HORIZON-CL5-2023-D5-01-19	13 December 2022	20 April 2023
Future-proofing historical buildings for the clean energy transition - HORIZON-CL5-2023-D4-01-02	13 December 2022	20 April 2023
Innovative solutions for cost-effective decarbonisation of buildings through energy efficiency and electrification - HORIZON-CL5-2023-D4-01-05	13 December 2023	20 April 2023
Circular economy approaches for zero emission vehicles (2ZERO Partnership) - HORIZON-CL5-2023-D5-01-04	13 December 2022	20 April 2023
Co-designed smart systems and services for user-centred shared zero-emission mobility of people and freight in urban areas (2Zero, CCAM and Cities' Mission) - HORIZON-MISS-2023-CIT-01-01	10 January 2023	27 April 2023
Accelerating the green transition and energy access in Africa - HORIZON-CL5-2023-D3-02-16	04 May 2023	05 September 2023
Associating Ukrainian cities to the Climate-neutral and smart cities Mission - HORIZON-MISS-2023-CIT-02-01	04 April 2023	06 September 2023
Integration of socio-ecological models into the Digital Twin Ocean - HORIZON-MISS-2023-OCEAN-01-08	17 January	20 September 2023

Choose your fish: a campaign for responsible consumption of products from the sea - HORIZON-MISS-2023-OCEAN-01-10	17 January 2023	20 September 2023
Ocean & water and arts: the contribution of creative sectors to Mission Ocean and waters - HORIZON-MISS-2023-OCEAN-01-11	17 January 2023	20 September 2023
Atlantic and Arctic sea basin lighthouse – Addressing climate change and human activities threats to marine biodiversity - HORIZON-MISS-2023-OCEAN-01-03	17 January 2023	20 September 2023
Creation of a standardised and open-source peer-to-peer energy sharing platform architecture for the energy sector - HORIZON-CL5-2023-D3-03-05	04 May 2023	10 October 2023
Energy Management Systems for flexibility services - HORIZON-CL5-2024-D3-01-12	12 September 2023	16 January 2024
Africa-EU CO-FUND action - HORIZON-CL5-2024-D3-01-09	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
Smart grid-ready buildings - HORIZON-CL5-2024-D4-01-02	07 December 2023	18 April 2024

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
Thematic networks to compile and share knowledge ready for practice - HORIZON-CL6-2023-GOVERNANCE-01-19	22 December 2022	23 March 2023
Data-driven solutions to foster industry's contribution to inclusive and sustainable food systems - HORIZON-CL6-2023-GOVERNANCE-01-17	22 December 2022	23 March 2023

Co-creation and trust-building measures for biotechnology and bio-based innovation systems - HORIZON-CL6-2023-GOVERNANCE-01-6	22 December 2022	23 March 2023
Towards CAP post 2027: evidence on nudging farmers to leverage more sustainable practices and behaviours - HORIZON-CL6-2023-GOVERNANCE-01-3	22 December 2022	23 March 2023
European partnership of Agriculture of Data - HORIZON-CL6-2023-GOVERNANCE-01-1	22 December 2022	23 March 2023
Digitalisation in agriculture and forestry: markets for data, and digital technologies and infrastructure – state of play and foresight in a fast changing regulatory, trade and technical environment - HORIZON-CL6-2023-GOVERNANCE-01-15	22 December 2022	23 March 2023
Advancing analytical capacity and tools to support EU agri-food policies post 2027 - HORIZON-CL6-2023-GOVERNANCE-01-2	22 December 2022	23 March 2023
Developing EU advisory networks to reduce the use of pesticides - HORIZON-CL6-2023-GOVERNANCE-01-21	22 December 2022	23 March 2023
Revitalisation of European local (rural / peri-urban) communities with innovative bio-based business models and social innovation - HORIZON-CL6-2023-GOVERNANCE-01-5	22 December 2022	23 March 2023
Coordination and supporting action to increase synergies in the dissemination and exploitation of climate observations by World Meteorological Organization and its affiliated bodies - HORIZON-CL6-2023-GOVERNANCE-01-9	22 December 2022	23 March 2023
Developing an EU advisory network on organic agriculture - HORIZON-CL6-2023-GOVERNANCE-01-20	22 December 2022	23 March 2023
Empowering citizens to monitor, report and act in partnership with relevant public authorities to protect their environment in the context of environmental compliance assurance - HORIZON-CL6-2023-GOVERNANCE-01-12	22 December 2022	23 March 2023

Impact of light and noise pollution on biodiversity - HORIZON-CL6-2023-BIODIV-01-2	22 December 2022	28 March 2023
Reinforcing science policy support with IPBES and IPCC for better interconnected biodiversity and climate policies - HORIZON-CL6-2023-BIODIV-01-12	22 December 2022	28 March 2023
Supporting the fair and just transition from GHG-intensive economies facing challenges towards circular bioeconomy model regions - HORIZON-CL6-2023-CircBio-01-10	22 December 2022	28 March 2023
Tackling human and climate change induced pollution in the Arctic - building resilient socio-ecological systems - HORIZON-CL6-2023-ZEROPOLLUTION-01-3	22 December 2022	28 March 2023
Strategies to prevent and reduce plastic packaging pollution from the food system - HORIZON-CL6-2023-ZEROPOLLUTION-01-7	22 December 2022	28 March 2023
Harnessing the innovation potential and market uptake of successful circular economy water related projects - HORIZON-CL6-2023-CircBio-01-3	22 December 2022	28 March 2023
Business models that balance the share of power and profit in the bioeconomy - HORIZON-CL6-2023-CircBio-01-9	22 December 2022	28 March 2023
Monitoring the multi-functionality of European forests HORIZON-CL6-2023-CircBio-01-14	22 December 2022	28 March 2023
Bio-based solutions for humanitarian applications - HORIZON-CL6-2023-CircBio-01-6	22 December 2022	28 March 2023
One hundred circular model households: making European households sustainable through inclusive circular practices - HORIZON-CL6-2023-CircBio-01-2	22 December 2022	28 March 2023
Enhancing collaboration between Circular Cities and Regions Initiative's (CCRI) supporting organisations - HORIZON-CL6-2023-CircBio-01-1	22 December 2022	28 March 2023

Demonstration network on climate-smart farming – linking research stations - HORIZON-CL6-2023-CLIMATE-01-4	22 December 2022	12 April 2023
Improving rural future through better territorial governance and rural-urban synergies - HORIZON-CL6-2023-COMMUNITIES-01-2	22 December 2022	12 April 2023
Cultured meat and cultured seafood – state of play and future prospects in the EU - HORIZON-CL6-2023-FARM2FORK-01-13	22 December 2022	12 April 2023
Providing marketing solutions to prevent and reduce the food waste related to marketing standards - HORIZON-CL6-2023-FARM2FORK-01-14	22 December 2022	12 April 2023
Support for the implementation of a sustainable platform for the EU-African Union cooperation under the Food and Nutrition Security and Sustainable Agriculture (FNSSA) partnership - HORIZON-CL6-2023-FARM2FORK-01-18	22 December 2022	12 April 2023
EU-Africa Union – food safety - HORIZON-CL6-2023-FARM2FORK-01-20	22 December 2022	12 April 2023
Support to the markets and trade of agroecological food products under the Food and Nutrition Security and Sustainable Agriculture (FNSSA) partnership - HORIZON-CL6-2023-FARM2FORK-01-19	22 December 2022	12 April 2023
European partnership on animal health and welfare - HORIZON-CL6-2023-FARM2FORK-01-2	22 December 2022	12 April 2023
Towards sustainable livestock systems: European platform for evidence building and transitioning policy - HORIZON-CL6-2023-FARM2FORK-01-6	22 December 2022	12 April 2023
European partnership on sustainable food systems for people, planet and climate - HORIZON-CL6-2023-FARM2FORK-01-9	22 December 2022	12 April 2023
International benchmarking of rural and territorial policies and delivery mechanisms - HORIZON-CL6-2023-COMMUNITIES-01-3	22 December 2022	12 April 2023

Thematic network ensuring food safety by translating research and innovation into practice - HORIZON-CL6-2023-FARM2FORK-01-12	22 December 2022	12 April 2023
Assessing urban farming impacts - HORIZON-CL6-2023-COMMUNITIES-01-5	22 December 2022	12 April 2023
Fostering resilient European food systems in a changing world - HORIZON-CL6-2023-FARM2FORK-01-15	22 December 2022	12 April 2023
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
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
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
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