

Horisontti Eurooppa -ohjelman pilari 2 hakuajat 2022

Klusteri 1 – Terveys

Haut ovat avoinna 21.4.2022 saakka.

Terveys-klusterin alaiset avoinna olevat haut:

Destination 1: Staying healthy in a rapidly changing society
Call - Staying healthy (Single stage, 2022)
<i>HORIZON-HLTH-2022-STAYHLTH-02-01: Personalised blueprint of chronic inflammation in health-to-disease transition</i>
Destination 2: Living and working in a health-promoting environment
Call - Environment and health (Single Stage - 2022)
<i>HORIZON-HLTH-2022-ENVHLTH-04-01: Methods for assessing health-related costs of environmental stressors</i>
Destination 3: Tackling diseases and reducing disease burden
Call - Tackling diseases (Single Stage - 2022)
<i>HORIZON-HLTH-2022-DISEASE-07-02: Pandemic preparedness</i>
<i>HORIZON-HLTH-2022-DISEASE-07-03: Non-communicable diseases risk reduction in adolescence and youth (Global Alliance for Chronic Diseases - GACD)</i>
<i>HORIZON-HLTH-2022-DISEASE-07-01: Support for the functioning of the Global Research Collaboration for Infectious Disease Preparedness (GloPID-R)</i>
Call - Partnerships in Health (2022)
<i>HORIZON-HLTH-2022-DISEASE-03-01: European partnership fostering a European Research Area (ERA) for health research</i>
Destination 4: Ensuring access to innovative, sustainable and high-quality health care
Call - Ensuring access to innovative, sustainable and high-quality health care (Single Stage - 2022)
<i>HORIZON-HLTH-2022-CARE-08-02: Pre-commercial research and innovation procurement (PCP) for building the resilience of health care systems in the context of recovery</i>
<i>HORIZON-HLTH-2022-CARE-08-03: Public procurement of innovative solutions (PPI) for building the resilience of health care systems in the context of recovery</i>
<i>HORIZON-HLTH-2022-CARE-08-04: Better financing models for health systems</i>
Call - Partnerships in Health (2022)
<i>HORIZON-HLTH-2022-CARE-10-01: European partnership on transforming health and care systems</i>
Destination 5: Unlocking the full potential of new tools, technologies and digital solutions for a healthy society
Call - Tools and technologies for a healthy society (Single Stage - 2022)
<i>HORIZON-HLTH-2022-TOOL-11-01: Optimising effectiveness in patients of existing prescription drugs for major diseases (except cancer) with the use of biomarkers</i>
<i>HORIZON-HLTH-2022-TOOL-11-02: New methods for the effective use of real-world data and/or synthetic data in regulatory decision-making and/or in health technology assessment</i>
Destination 6: Maintaining an innovative, sustainable and globally competitive health-related industry
Call - A competitive health-related industry (2022)

<i>HORIZON-HLTH-2022-IND-13-01: Enhancing cybersecurity of connected medical devices</i>
<i>HORIZON-HLTH-2022-IND-13-02: Scaling up multi-party computation, data anonymisation techniques, and synthetic data generation</i>
<i>HORIZON-HLTH-2022-IND-13-03: New pricing and payment models for cost-effective and affordable health innovations</i>
<i>HORIZON-HLTH-2022-IND-13-04: Setting up a European Smart Health Innovation Hub</i>
<i>HORIZON-HLTH-2022-IND-13-05: Setting up a European Electronic Health Record Exchange Format (EEHRxF) Ecosystem</i>

Lisätietoa klusterista 1:

https://ec.europa.eu/info/research-and-innovation/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe/cluster-1-health_en

Klusteri 2 – Kulttuuri, luovuus ja osallisuutta edistävä yhteiskunta

Haut ovat avoinna 20.4.2022 saakka.

Klusteri 2:n haut:

Destination 1: Democracy and Governance
2022 Call - Reshaping democracies
<i>HORIZON-CL2-2022-DEMOCRACY-01-01: Artificial intelligence, big data and democracy</i>
<i>HORIZON-CL2-2022-DEMOCRACY-01-02: The future of democracy and civic participation</i>
<i>HORIZON-CL2-2022-DEMOCRACY-01-03: The impact of inequalities on democracy</i>
<i>HORIZON-CL2-2022-DEMOCRACY-01-04: Education for democracy</i>
<i>HORIZON-CL2-2022-DEMOCRACY-01-05: Evolution of political extremism and its influence on contemporary social and political dialogue</i>
<i>HORIZON-CL2-2022-DEMOCRACY-01-06: Media for democracy – democratic media</i>
<i>HORIZON-CL2-2022-DEMOCRACY-01-07: Politics and the impact of online social networks and new media</i>
<i>HORIZON-CL2-2022-DEMOCRACY-01-08: Representative democracy in flux</i>
<i>HORIZON-CL2-2022-DEMOCRACY-01-09: Global governance for a world in transition: Norms, institutions, actors</i>
Destination 2: The European Cultural Heritage and the Cultural and Creative Industries
2022 Call - Research and innovation on cultural heritage and CCI's
<i>HORIZON-CL2-2022-HERITAGE-01-01: Safeguarding endangered languages in Europe</i>
<i>HORIZON-CL2-2022-HERITAGE-01-02: Europe's cultural heritage and arts - promoting our values at home and abroad</i>
<i>HORIZON-CL2-2022-HERITAGE-01-03: The role of perceptions, formed by traditions, values and beliefs, in shaping European societies and politics in the 21st century</i>
<i>HORIZON-CL2-2022-HERITAGE-01-04: Traditional crafts for the future: a new approach</i>
<i>HORIZON-CL2-2022-HERITAGE-01-05: Towards a competitive, fair and sustainable European music ecosystem</i>
<i>HORIZON-CL2-2022-HERITAGE-01-06: Increase the potential of the international competitiveness of the European filmmaking industry</i>
<i>HORIZON-CL2-2022-HERITAGE-01-07: Protection of artefacts and cultural goods from</i>

<i>anthropogenic threats</i>
<i>HORIZON-CL2-2022-HERITAGE-01-08: Effects of climate change and natural hazards on cultural heritage and remediation</i>
<i>HORIZON-CL2-2022-HERITAGE-01-09: Games and culture shaping our society</i>
<i>HORIZON-CL2-2022-HERITAGE-01-10: The New European Bauhaus – shaping a greener and fairer way of life in creative and inclusive societies through Architecture, Design and Arts</i>
Destination 3: Social and Economic Transformations
2022 Call - A sustainable future for Europe
<i>HORIZON-CL2-2022-TRANSFORMATIONS-01-01: Public policies and indicators for well-being and sustainable development</i>
<i>HORIZON-CL2-2022-TRANSFORMATIONS-01-02: The impact of spatial mobility on European demographics, society, welfare system and labour market</i>
<i>HORIZON-CL2-2022-TRANSFORMATIONS-01-03: Conditions of irregular migrants in Europe</i>
<i>HORIZON-CL2-2022-TRANSFORMATIONS-01-04: Decision-making processes of (aspiring) migrants</i>
<i>HORIZON-CL2-2022-TRANSFORMATIONS-01-05: Gender and social, economic and cultural empowerment</i>
<i>HORIZON-CL2-2022-TRANSFORMATIONS-01-06: Overcoming discrimination for an inclusive labour market</i>
<i>HORIZON-CL2-2022-TRANSFORMATIONS-01-07: Conditions for the successful development of skills matched to needs</i>
<i>HORIZON-CL2-2022-TRANSFORMATIONS-01-08: Strengthening racial, ethnic and religious equality</i>
<i>HORIZON-CL2-2022-TRANSFORMATIONS-01-09: Return and readmission of irregular migrants in the EU</i>
<i>HORIZON-CL2-2022-TRANSFORMATIONS-01-10: Socio-economic effects of ageing societies</i>

Lisätietoa klusterista 2:

https://ec.europa.eu/info/research-and-innovation/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe/cluster-2-culture-creativity-and-inclusive-society_en

Klusteri 3 – Kansalaisturvallisuus yhteiskunnassa

Klusterin 3 haut avautuvat vasta 30.6.2022. Suurin osa hauista päättyy 23.11.2022, mutta kyberturvallisuuteen liittyvien hakujen deadline on jo 16.11.2023.

Klusterin 3 vuoden 2022 haut:

Destination 1: Better protect the EU and its citizens against Crime and Terrorism
Call - Fighting Crime and Terrorism 2022
<i>HORIZON-CL3-2022-FCT-01-01: Improved crime scene investigations related to transfer, persistence and background abundance</i>
<i>HORIZON-CL3-2022-FCT-01-02: Better understanding the influence of organisational cultures and human interactions in the forensic context as well as a common lexicon</i>
<i>HORIZON-CL3-2022-FCT-01-03: Enhanced fight against the abuse of online gaming culture by extremists</i>
<i>HORIZON-CL3-2022-FCT-01-04: Public spaces are protected while respecting privacy and avoiding mass surveillance</i>
<i>HORIZON-CL3-2022-FCT-01-05: Effective fight against corruption</i>
<i>HORIZON-CL3-2022-FCT-01-06: Effective fight against illicit drugs production and trafficking</i>
<i>HORIZON-CL3-2022-FCT-01-07: Effective fight against trafficking in human beings</i>
Destination 2: Effective management of EU external borders

Call - Border Management 2022
<i>HORIZON-CL3-2022-BM-01-01: Improved underwater detection and control capabilities to protect maritime areas and sea harbours</i>
<i>HORIZON-CL3-2022-BM-01-02: Enhanced security of, and combating the frauds on, identity management and identity and travel documents</i>
<i>HORIZON-CL3-2022-BM-01-03: Better, more portable and quicker analysis and detection for customs</i>
<i>HORIZON-CL3-2022-BM-01-04: OPEN TOPIC</i>
<i>HORIZON-CL3-2022-BM-01-05: OPEN TOPIC</i>
Destination 3: Resilient Infrastructure
Call - Resilient Infrastructure 2022
<i>HORIZON-CL3-2022-INFRA-01-01: Nature-based Solutions integrated to protect local infrastructure</i>
<i>HORIZON-CL3-2022-INFRA-01-02: Autonomous systems used for infrastructure protection</i>
Destination 4: Increased Cybersecurity
Call – Increased Cybersecurity 2022
<i>HORIZON-CL3-2022-CS-01-01: Improved monitoring of threats, intrusion detection and response in complex and heterogeneous digital systems and infrastructures</i>
<i>HORIZON-CL3-2022-CS-01-02: Trustworthy methodologies, tools and data security “by design” for dynamic testing of potentially vulnerable, insecure hardware and software components</i>
<i>HORIZON-CL3-2022-CS-01-03: Transition towards Quantum-Resistant Cryptography</i>
<i>HORIZON-CL3-2022-CS-01-04: Development and validation of processes and tools used for agile certification of ICT products, ICT services and ICT processes</i>
Destination 5: Disaster-Resilient Society for Europe
Call - Disaster-Resilient Society 2022
<i>HORIZON-CL3-2022-DRS-01-01: Enhanced citizen preparedness in the event of a disaster or crisis-related emergency</i>
<i>HORIZON-CL3-2022-DRS-01-02: Enhanced preparedness and management of High-Impact Low-Probability or unexpected events</i>
<i>HORIZON-CL3-2022-DRS-01-03: Improved quality assurance / quality control of data used in decision-making related to risk management of natural hazards, accidents and CBRN events</i>
<i>HORIZON-CL3-2022-DRS-01-04: Better understanding of citizens’ behavioural and psychological reactions in the event of a disaster or crisis situation</i>
<i>HORIZON-CL3-2022-DRS-01-05: Improved impact forecasting and early warning systems supporting the rapid deployment of first responders in vulnerable areas</i>
<i>HORIZON-CL3-2022-DRS-01-06: Improved disaster risk pricing assessment</i>
<i>HORIZON-CL3-2022-DRS-01-07: Improved international cooperation addressing first responder capability gaps</i>
<i>HORIZON-CL3-2022-DRS-01-08: Enhanced situational awareness and preparedness of first responders and improved capacities to minimise time-to-react in urban areas in the case of CBRN-E-related events</i>
<i>HORIZON-CL3-2022-DRS-01-09: Enhanced capacities of first responders more efficient rescue operations, including decontamination of infrastructures in the case of a CBRN-E event</i>
Destination 6: Strengthened Security Research and Innovation
Call - Support to Security Research and Innovation 2022
<i>HORIZON-CL3-2022-SSRI-01-01: Increased foresight capacity for security</i>
<i>HORIZON-CL3-2022-SSRI-01-02: Knowledge Networks for security Research & Innovation</i>
<i>HORIZON-CL3-2022-SSRI-01-03: Stronger grounds for pre-commercial procurement of innovative security technologies</i>
<i>HORIZON-CL3-2022-SSRI-01-04: Social innovations as enablers of security solutions and increased security perception</i>

Lisätietoa klusterista 3:

Klusteri 4 – Digitaalitalous ja -teknologia, teollisuus ja avaruus

Klusterin 4 hakuajat:

- Destinaation 1 & 2 haut ovat avoinna 30.3.2022 saakka.
- Destinaation 3 haut päättyvät 5.4.2022.
- Destinaation 4 tällä hetkellä auki olevat haut päättyvät 5.4.2022. Destinaation 4 alaisia hakuja avautuu myös 16.6.2022, ja nämä haut päättyvät 16.11.2022.
- Destinaation 5 haut päättyvät jo 16.2.2022, minkä vuoksi ne on jätetty pois alla olevasta taulukosta.
- Destinaation 6 hauista osa päättyy 5.4.2022 ja osa 16.11.2022.

Destination 1: Climate Neutral, Circular and Digitised Production
Call – Climate Neutral, Circular and Digitised Production 2022 (deadline 30.3.2022)
<i>HORIZON-CL4-2022-TWIN-TRANSITION-01-01: Rapid reconfigurable production process chains (Made in Europe Partnership) (IA)</i>
<i>HORIZON-CL4-2022-TWIN-TRANSITION-01-02: Products with complex functional surfaces (Made in Europe Partnership) (RIA)</i>
<i>HORIZON-CL4-2022-TWIN-TRANSITION-01-03: Excellence in distributed control and modular manufacturing (Made in Europe Partnership) (RIA)</i>
<i>HORIZON-CL4-2022-TWIN-TRANSITION-01-04: Intelligent work piece handling in a full production line (Made in Europe Partnership) (RIA)</i>
<i>HORIZON-CL4-2022-TWIN-TRANSITION-01-06: ICT Innovation for Manufacturing Sustainability in SMEs (I4MS2) (Made in Europe Partnership) (IA)</i>
<i>HORIZON-CL4-2022-TWIN-TRANSITION-01-07: Digital tools to support the engineering of a Circular Economy (Made in Europe Partnership) (RIA)</i>
<i>HORIZON-CL4-2022-TWIN-TRANSITION-01-09: Demonstrate the use of Digital Logbook for buildings (IA)</i>
<i>HORIZON-CL4-2022-TWIN-TRANSITION-01-10: Circular flows for solid waste in urban environment (Processes4Planet Partnership) (IA)</i>
<i>HORIZON-CL4-2022-TWIN-TRANSITION-01-11: Valorisation of CO/CO2 streams into added-value products of market interest (Processes4Planet Partnership) (IA)</i>
<i>HORIZON-CL4-2022-TWIN-TRANSITION-01-13: Raw material preparation for clean steel production (Clean Steel Partnership) (IA)</i>
<i>HORIZON-CL4-2022-TWIN-TRANSITION-01-15: New electrochemical conversion routes for the production of chemicals and materials in process industries (Processes4Planet Partnership) (RIA)</i>
<i>HORIZON-CL4-2022-TWIN-TRANSITION-01-16: Modular and hybrid heating technologies in steel production (Clean Steel Partnership) (IA)</i>
<i>HORIZON-CL4-2022-TWIN-TRANSITION-01-17: Integration of hydrogen for replacing fossil fuels in industrial applications (Processes4Planet Partnership) (IA)</i>
Destination 2: Increased Autonomy in Key Strategic Value Chains for Resilient Industry
Call – A Digitised, Resource-efficient and Resilient Industry 2022 (deadline 30.3.2022)
<i>HORIZON-CL4-2022-RESILIENCE-01-01: Circular and low emission value chains through digitalisation (Processes4Planet Partnership) (RIA)</i>
<i>HORIZON-CL4-2022-RESILIENCE-01-02: Monitoring and supervising system for exploration and future exploitation activities in the deep sea (RIA)</i>
<i>HORIZON-CL4-2022-RESILIENCE-01-03: Streamlining cross-sectoral policy framework throughout the extractive life-cycle in environmentally protected areas (CSA)</i>

<i>HORIZON-CL4-2022-RESILIENCE-01-04: Developing digital platforms for the small scale extractive industry (IA)</i>
<i>HORIZON-CL4-2022-RESILIENCE-01-05: Technological solutions for tracking raw material flows in complex supply chains (RIA)</i>
<i>HORIZON-CL4-2022-RESILIENCE-01-06: Sustainable and innovative mine of the future (IA)</i>
<i>HORIZON-CL4-2022-RESILIENCE-01-07: Innovative solutions for efficient use and enhanced recovery of mineral and metal by-products from processing of raw materials (IA)</i>
<i>HORIZON-CL4-2022-RESILIENCE-01-08: Earth observation technologies for the mining life cycle in support of EU autonomy and transition to a climate-neutral economy (RIA)</i>
<i>HORIZON-CL4-2022-RESILIENCE-01-10: Innovative materials for advanced (nano)electronic components and systems (RIA)</i>
<i>HORIZON-CL4-2022-RESILIENCE-01-11: Advanced lightweight materials for energy efficient structures (RIA)</i>
<i>HORIZON-CL4-2022-RESILIENCE-01-12: Functional multi-material components and structures (RIA)</i>
<i>HORIZON-CL4-2022-RESILIENCE-01-13: Smart and multifunctional biomaterials for health innovations (RIA)</i>
<i>HORIZON-CL4-2022-RESILIENCE-01-14: Membranes for gas separations -membrane distillation (IA)</i>
<i>HORIZON-CL4-2022-RESILIENCE-01-16: Building and renovating by exploiting advanced materials for energy and resources efficient management (IA)</i>
<i>HORIZON-CL4-2022-RESILIENCE-01-19: Advanced materials modelling and characterisation (RIA)</i>
<i>HORIZON-CL4-2022-RESILIENCE-01-20: Climate Neutral and Circular Innovative Materials Technologies Open Innovation Test Beds (IA)</i>
<i>HORIZON-CL4-2022-RESILIENCE-01-21: Leveraging standardisation in Digital Technologies (CSA)</i>
<i>HORIZON-CL4-2022-RESILIENCE-01-23: Safe- and sustainable-by-design organic and hybrid coatings (RIA)</i>
<i>HORIZON-CL4-2022-RESILIENCE-01-24: Novel materials for supercapacitor energy storage (RIA)</i>
<i>HORIZON-CL4-2022-RESILIENCE-01-25: Optimised Industrial Systems and Lines through digitalisation (IA)</i>
<i>HORIZON-CL4-2022-RESILIENCE-01-26: 'Innovate to transform' support for SME's sustainability transition (CSA)</i>
Destination 3: World Leading Data and Computing Technologies
Call – World Leading Data and Computing Technologies 2022 (deadline 5.4.2022)
<i>HORIZON-CL4-2022-DATA-01-04: Technologies and solutions for data trading, monetizing, exchange and interoperability (AI, Data and Robotics Partnership) (IA)</i>
<i>HORIZON-CL4-2022-DATA-01-01: Methods for exploiting data and knowledge for extremely precise outcomes (analysis, prediction, decision support), reducing complexity and presenting insights in understandable way (RIA)</i>
<i>HORIZON-CL4-2022-DATA-01-05: Extreme data mining, aggregation and analytics technologies and solutions (RIA)</i>
<i>HORIZON-CL4-2022-DATA-01-02: Cognitive Cloud: AI-enabled computing continuum from Cloud to Edge (RIA)</i>
<i>HORIZON-CL4-2022-DATA-01-03: Programming tools for decentralised intelligence and swarms (RIA)</i>
Destination 4: Digital and Emerging Technologies for Competitiveness and Fit for the Green Deal
Call – Digital and Emerging Technologies for Competitiveness and Fit for the Green Deal (deadline 5.4.2022)
<i>HORIZON-CL4-2022-DIGITAL-EMERGING-01-26: Open source for cloud-based services (RIA)</i>
<i>HORIZON-CL4-2022-DIGITAL-EMERGING-01-38: International cooperation in semiconductors (CSA)</i>
<i>HORIZON-CL4-2022-DIGITAL-EMERGING-01-03: Advanced multi-sensing systems (Photonics Partnership) (RIA)</i>
<i>HORIZON-CL4-2022-DIGITAL-EMERGING-01-30: European Enabling technologies for Beyond 5G/6G RAN disaggregated architectures (RIA)</i>
<i>HORIZON-CL4-2022-DIGITAL-EMERGING-01-39: Ultra low energy and secure networks (RIA)</i>

<i>HORIZON-CL4-2022-DIGITAL-EMERGING-01-35: Advanced characterisation methodologies to assess and predict the health and environmental risks of nanomaterials (RIA)</i>
Call – Digital and Emerging Technologies for Competitiveness and Fit for the Green Deal (deadline 16.11.2022)
<i>HORIZON-CL4-2022-DIGITAL-EMERGING-02-05: AI, Data and Robotics for Industry optimisation (including production and services) (AI, Data and Robotics Partnership) (IA)</i>
<i>HORIZON-CL4-2022-DIGITAL-EMERGING-02-06: Pushing the limit of physical intelligence and performance (RIA)</i>
<i>HORIZON-CL4-2022-DIGITAL-EMERGING-02-07: Increased robotics capabilities demonstrated in key sectors (AI, Data and Robotics Partnership) (IA)</i>
<i>HORIZON-CL4-2022-DIGITAL-EMERGING-02-17: New generation of advanced electronic and photonic 2D materials-based devices, systems and sensors (RIA)</i>
<i>HORIZON-CL4-2022-DIGITAL-EMERGING-02-18: 2D materials-based devices and systems for energy storage and/or harvesting (RIA)</i>
<i>HORIZON-CL4-2022-DIGITAL-EMERGING-02-19: 2D materials-based devices and systems for biomedical applications (RIA)</i>
<i>HORIZON-CL4-2022-DIGITAL-EMERGING-02-20: 2D-material-based composites, coatings and foams (IA)</i>
<i>HORIZON-CL4-2022-DIGITAL-EMERGING-02-22: Supporting the coordination of the Graphene Flagship projects (CSA)</i>
Destination 5: Open Strategic Autonomy in Developing, Deploying and Using Global Space-based Infrastructures, Services, Applications and Data
Call – Open Strategic Autonomy in Developing, Deploying and Using Global Space-based Infrastructures, Services, Applications and Data 2022 (deadline 16.2.2022)
Useita hakuotsikoita
Destination 6: A Human-centred and Ethical Development of Digital and Industrial Technologies
Call – A Human-centred and Ethical Development of Digital and Industrial Technologies 2022 (deadline 5.4.2022)
<i>HORIZON-CL4-2022-HUMAN-01-03: Internet architecture and decentralised technologies (RIA)</i>
<i>HORIZON-CL4-2022-HUMAN-01-05: Next Generation Safer Internet: Technologies to identify digital Child Sexual Abuse Material (CSAM) (RIA)</i>
<i>HORIZON-CL4-2022-HUMAN-01-07: NGI International Collaboration - USA and Canada (RIA)</i>
<i>HORIZON-CL4-2022-HUMAN-01-14: eXtended Reality Technologies (RIA)</i>
<i>HORIZON-CL4-2022-HUMAN-01-19: eXtended Reality Learning - Engage and Interact (IA)</i>
Call – A Human-centred and Ethical Development of Digital and Industrial Technologies 2022 (deadline 16.11.2022)
<i>HORIZON-CL4-2022-HUMAN-02-01: AI for human empowerment (AI, Data and Robotics Partnership) (RIA)</i>
<i>HORIZON-CL4-2022-HUMAN-02-02: European Network of AI Excellence Centres: Expanding the European AI lighthouse (RIA)</i>

Lisätietoa klusterista 4:

https://ec.europa.eu/info/research-and-innovation/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe/cluster-4-digital-industry-and-space_en

Klusteri 5 – Ilmasto, energia ja liikkuvuus

Klusterin 5 hakuajat:

- Destinaation 1 alaiset haut ovat päättymässä jo 10.2.2022, joten niitä ei ole listattu alla olevaan taulukkoon.
- Destinaation 2 hakuaika on 28.4.2022–6.9.2022.
- Destinaation 3 hakuajat ovat 2.9.2021–23.2.2022, 14.10.2021–26.4.2022, 26.5.2022–27.10.2022 ja 6.9.2022–10.1.2023.
- Destinaation 4 hakuajat ovat 28.4.2022–6.9.2022 ja 6.9.2022–24.1.2023.
- Destinaation 5 alaiset haut päättyvät 26.4.2022.
- Destinaation 6 hakuaika on 28.4.2022–6.9.2022

Destination 1: Climate Sciences and Responses for the Transformation towards Climate Neutrality
Call – Climate sciences and responses (deadline 10.2.2022)
Useita hakuotsikoita
Destination 2: Cross-sectoral Solutions for the Climate Transition
Call - Cross-sectoral solutions for the climate transition (deadline 6.9.2022)
<i>HORIZON-CL5-2022-D2-01-01: Sustainable processing and refining of battery grade graphite (Batteries Partnership)</i>
<i>HORIZON-CL5-2022-D2-01-02: Interface and electron monitoring for the engineering of new and emerging battery technologies (Batteries Partnership)</i>
<i>HORIZON-CL5-2022-D2-01-03: Furthering the development of a materials acceleration platform for sustainable batteries (combining AI, big data, autonomous synthesis robotics, high throughput testing) (Batteries Partnership)</i>
<i>HORIZON-CL5-2022-D2-01-04: Towards creating an integrated manufacturing value chain in Europe: from machinery development to plant and site integrated design (Batteries Partnership)</i>
<i>HORIZON-CL5-2022-D2-01-05: Next generation technologies for High-performance and safe-by-design battery systems for transport and mobile applications (Batteries Partnership)</i>
<i>HORIZON-CL5-2022-D2-01-06: Embedding smart functionalities into battery cells (embedding sensing and self-healing functionalities to monitor and self-repair battery cells) (Batteries Partnership)</i>
<i>HORIZON-CL5-2022-D2-01-07: Digitalisation of battery testing, from cell to system level, including lifetime assessment (Batteries Partnership)</i>
<i>HORIZON-CL5-2022-D2-01-08: Coordination of large-scale initiative on future battery technologies (Batteries Partnership)</i>
<i>HORIZON-CL5-2022-D2-01-09: Physics and data-based battery management for optimised battery utilisation (Batteries Partnership)</i>
<i>HORIZON-CL5-2022-D2-01-10: Streamlined collection and reversed logistics, fully automated, safe and cost-efficient sorting, dismantling and second use before recycling (Batteries Partnership)</i>
<i>HORIZON-CL5-2022-D2-01-11: CIVITAS 2030 – Coordination and support for EU funded urban mobility innovation</i>
Destination 3: Sustainable, Secure and Competitive Energy Supply
Call - Sustainable, secure and competitive energy supply (deadline 23.2.2022)
<i>HORIZON-CL5-2021-D3-03-01: AU-EU Water Energy Food Nexus</i>
<i>HORIZON-CL5-2021-D3-03-02: Next generation of renewable energy technologies</i>
<i>HORIZON-CL5-2021-D3-03-03: Hybrid catalytic conversion of renewable energy to carbon-neutral fuels</i>
<i>HORIZON-CL5-2021-D3-03-04: Physics and aerodynamics of atmospheric flow of wind for power production</i>
<i>HORIZON-CL5-2021-D3-03-05: Wind energy in the natural and social environment</i>
<i>HORIZON-CL5-2021-D3-03-06: Novel approaches to concentrated solar power (CSP)</i>
<i>HORIZON-CL5-2021-D3-03-07: Stable high-performance Perovskite Photovoltaics</i>
<i>HORIZON-CL5-2021-D3-03-08: Cost-effective micro-CHP and hybrid heating systems</i>
<i>HORIZON-CL5-2021-D3-03-09: Carbon-negative sustainable biofuel production</i>

<i>HORIZON-CL5-2021-D3-03-10: Innovative foundations, floating substructures and connection systems for floating PV and ocean energy devices</i>
<i>HORIZON-CL5-2021-D3-03-11: Development of hydropower equipment for hidden hydropower</i>
<i>HORIZON-CL5-2021-D3-03-12: Innovation on floating wind energy deployment optimized for deep waters and different sea basins (Mediterranean Sea, Black Sea, Baltic Sea, North-east Atlantic Ocean)</i>
<i>HORIZON-CL5-2021-D3-03-13: Demonstration pilot lines for alternative and innovative PV technologies (Novel c-Si tandem, thin film tandem, bifacial, CPV, etc.)</i>
<i>HORIZON-CL5-2021-D3-03-14: Demonstration of large-scale CHP technologies for a shift to the use of biogenic residues and wastes</i>
<i>HORIZON-CL5-2021-D3-03-15: Solutions for more sustainable geothermal energy</i>
<i>HORIZON-CL5-2021-D3-03-16: Innovative biomethane production as an energy carrier and a fuel</i>
Call - Sustainable, secure and competitive energy supply (deadline 26.4.2022)
<i>HORIZON-CL5-2022-D3-01-01: Demonstration of cost-effective advanced biofuel technologies utilizing existing industrial plants</i>
<i>HORIZON-CL5-2022-D3-01-02: Demonstration of innovative materials, supply cycles, recycling technologies to increase the overall circularity of wind energy technology and to reduce the primary use of critical raw materials</i>
<i>HORIZON-CL5-2022-D3-01-03: Advanced manufacturing of Integrated PV</i>
<i>HORIZON-CL5-2022-D3-01-04: Demonstrate the use of high temperature geothermal reservoirs to provide energy storage for the energy system</i>
<i>HORIZON-CL5-2022-D3-01-05: Demonstration of innovative plug-and play solutions for system management and renewables storage in off-grid applications</i>
<i>HORIZON-CL5-2022-D3-01-06: Novel Agro-Photovoltaic systems</i>
<i>HORIZON-CL5-2022-D3-01-07: Demonstration of innovative rotor, blades and control systems for tidal energy devices</i>
<i>HORIZON-CL5-2022-D3-01-08: Supporting the action of consumers in the energy market and guide them to act as prosumers, communities and other active forms of active participation in the energy activities</i>
<i>HORIZON-CL5-2022-D3-01-09: Real Time Demonstrator of Multi-Vendor MultiTerminal VSC-HVDC with Grid Forming Capability (in support of the offshore strategy)</i>
<i>HORIZON-CL5-2022-D3-01-10: Interoperable solutions for flexibility services using distributed energy storage</i>
<i>HORIZON-CL5-2022-D3-01-11: Demonstration of innovative forms of storage and their successful operation and integration into innovative energy systems and grid architectures</i>
<i>HORIZON-CL5-2022-D3-01-12: Replicable solutions for a cross sector compliant energy ecosystem</i>
<i>HORIZON-CL5-2022-D3-01-13: Energy system modelling, optimisation and planning tools</i>
<i>HORIZON-CL5-2022-D3-01-14: Thermal energy storage solutions</i>
<i>HORIZON-CL5-2022-D3-01-15: Decarbonising industry with CCUS</i>
Call - Sustainable, secure and competitive energy supply (deadline 27.10.2022)
<i>HORIZON-CL5-2022-D3-02-01: Digital solutions for defining synergies in international renewable energy value chains</i>
<i>HORIZON-CL5-2022-D3-02-02: AU-EU Energy System Modelling</i>
<i>HORIZON-CL5-2022-D3-02-03: Innovative renewable energy carrier production for heating from renewable energies</i>
<i>HORIZON-CL5-2022-D3-02-04: Technological interfaces between solar fuel technologies and other renewables</i>
<i>HORIZON-CL5-2022-D3-02-05: Renewable energy carriers from variable renewable electricity surplus and carbon emissions from energy consuming sectors</i>
<i>HORIZON-CL5-2022-D3-02-06: Direct renewable energy integration into process energy demands of the chemical industry</i>
<i>HORIZON-CL5-2022-D3-02-07: Renewable energy incorporation in agriculture and forestry</i>

<i>HORIZON-CL5-2022-D3-02-08: Demonstration of complete value chains for advanced biofuel and non-biological renewable fuel production</i>
Call - Sustainable, secure and competitive energy supply (deadline 10.1.2023)
<i>HORIZON-CL5-2022-D3-03-01: Innovative components and/or sub-systems for CSP plants and/or concentrating solar thermal installations</i>
<i>HORIZON-CL5-2022-D3-03-02: Best international practice for scaling up sustainable biofuels</i>
<i>HORIZON-CL5-2022-D3-03-03: Efficient and circular artificial photosynthesis</i>
<i>HORIZON-CL5-2022-D3-03-04: Integrated wind farm control</i>
<i>HORIZON-CL5-2022-D3-03-05: Novel Thin Film (TF) technologies targeting high efficiencies</i>
<i>HORIZON-CL5-2022-D3-03-06: Efficient and low-emission technologies for industrial use of combustion and gasification systems from low-value biogenic residues and wastes</i>
<i>HORIZON-CL5-2022-D3-03-07: Development of algal and renewable fuels of nonbiological origin</i>
<i>HORIZON-CL5-2022-D3-03-08: Development of digital solutions for existing hydropower operation and maintenance</i>
<i>HORIZON-CL5-2022-D3-03-09: Recycling end of life PV modules</i>
Destination 4: Efficient, Sustainable and Inclusive Energy Use
Call - Efficient, sustainable and inclusive energy use (deadline 6.9.2022)
<i>HORIZON-CL5-2022-D4-01-01: Demand response in energy-efficient residential buildings</i>
<i>HORIZON-CL5-2022-D4-01-02: Renewable-intensive, energy positive homes</i>
<i>HORIZON-CL5-2022-D4-01-03: Smarter buildings for better energy performance</i>
<i>HORIZON-CL5-2022-D4-01-04: Development and pilot demonstration of heat upgrade technologies with supply temperature in the range 150-250°C</i>
<i>HORIZON-CL5-2022-D4-01-05: Development of high temperature thermal storage for industrial applications</i>
Call - Efficient, sustainable and inclusive energy use (deadline 24.1.2023)
<i>HORIZON-CL5-2022-D4-02-01: Designs, materials and solutions to improve resilience, preparedness & responsiveness of the built environment for climate adaptation (Built4People)</i>
<i>HORIZON-CL5-2022-D4-02-02: Solutions for the sustainable, resilient, inclusive and accessible regeneration of neighbourhoods enabling low carbon footprint lifestyles and businesses (Built4People)</i>
<i>HORIZON-CL5-2022-D4-02-03: Sustainable and resource-efficient solutions for an open, accessible, inclusive, resilient and low-emission cultural heritage: prevention, monitoring, management, maintenance, and renovation (Built4People)</i>
<i>HORIZON-CL5-2022-D4-02-04: Smart-grid ready and smart-network ready buildings, acting as active utility nodes (Built4People)</i>
<i>HORIZON-CL5-2022-D4-02-05: More sustainable buildings with reduced embodied energy / carbon, high life-cycle performance and reduced life-cycle costs (Built4People)</i>
Destination 5: Clean and Competitive Solutions for All Transport Modes
Call - Clean and competitive solutions for all transport modes (deadline 26.4.2022)
<i>HORIZON-CL5-2022-D5-01-01: Exploiting electrical energy storage systems and better optimising large battery electric power within fully battery electric and hybrid ships (ZEWT Partnership)</i>
<i>HORIZON-CL5-2022-D5-01-02: Innovative energy storage systems on-board vessels (ZEWT Partnership)</i>
<i>HORIZON-CL5-2022-D5-01-03: Exploiting renewable energy for shipping, in particular focusing on the potential of wind energy (ZEWT Partnership)</i>
<i>HORIZON-CL5-2022-D5-01-04: Transformation of the existing fleet towards greener operations through retrofitting (ZEWT Partnership)</i>
<i>HORIZON-CL5-2022-D5-01-05: Seamless safe logistics through an autonomous waterborne freight feeder loop service</i>
<i>HORIZON-CL5-2022-D5-01-06: Computational tools for shipbuilding</i>
<i>HORIZON-CL5-2022-D5-01-07: Prevent smog episodes in Europe: Air quality impact of engine-emitted volatile, semi volatile and secondary particles</i>

<i>HORIZON-CL5-2022-D5-01-08: Modular multi-powertrain zero-emission systems for HDV (BEV and FCEV) for efficient and economic operation (2ZERO)</i>
<i>HORIZON-CL5-2022-D5-01-09: Nextgen EV components: High efficiency and low cost electric motors for circularity and low use of rare resources (2ZERO)</i>
<i>HORIZON-CL5-2022-D5-01-10: New generation of full electric urban and peri-urban Bus Rapid Transit systems to strengthen climate-friendly mass transport (2ZERO)</i>
<i>HORIZON-CL5-2022-D5-01-11: Stimulating Road Transport research and innovation dissemination and implementation in Europe and around the World</i>
<i>HORIZON-CL5-2022-D5-01-12: Towards a silent and ultra-low local air pollution aircraft</i>
<i>HORIZON-CL5-2022-D5-01-13: Digital aviation technologies for new aviation business models, services, emerging global threats and industrial competitiveness</i>
<i>HORIZON-CL5-2022-D5-01-14: European Aviation Research Policy in support to EU policies and initiatives</i>
Destination 6: Safe, Resilient Transport and Smart Mobility Services for Passengers and Goods
Call - Safe, Resilient Transport and Smart Mobility services for passengers and goods (deadline 6.9.2022)
<i>HORIZON-CL5-2022-D6-02-01: Logistics networks integration and harmonisation through operational connectivity to optimise freight flows and drive logistics to climate neutrality</i>
<i>HORIZON-CL5-2022-D6-02-02: Urban logistics and planning: anticipating urban freight generation and demand including digitalisation of urban freight</i>
<i>HORIZON-CL5-2022-D6-02-03: Smart enforcement for resilient, sustainable and more efficient transport operations</i>
<i>HORIZON-CL5-2022-D6-02-04: Accelerating the deployment of new and shared mobility services for the next decade</i>
<i>HORIZON-CL5-2022-D6-02-05: Advanced multimodal network and traffic management for seamless door-to-door mobility of passengers and freight transport</i>
<i>HORIZON-CL5-2022-D6-02-06: Smart and efficient ways to construct, maintain and decommission with zero emissions from transport infrastructure</i>
<i>HORIZON-CL5-2022-D6-02-07: New concepts and approaches for resilient and green freight transport and logistics networks against disruptive events (including pandemics)</i>

Lisätietoa klusterista 5:

https://ec.europa.eu/info/research-and-innovation/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe/cluster-5-climate-energy-and-mobility_en

Klusteri 6 – Elintarvikkeet, biotalous, luonnonvarat, maatalous ja ympäristö

Klusterin 6 haut päättyvät pääsääntöisesti jo 15.2.2022, mutta destinaation 7 alaiset haut jatkuvat 10.3.2022 saakka.

Destination 1: Biodiversity and Ecosystem Services
Call - Biodiversity and ecosystem services
Useita hakuotsikoita
Destination 2: Fair, Healthy and Environment-friendly food systems from primary production to consumption
Call - Fair, healthy and environmentally-friendly food systems from primary production to consumption
Useita hakuotsikoita
Destination 3: Circular Economy and Bioeconomy Sectors
Call - Circular economy and bioeconomy sectors
Useita hakuotsikoita

Destination 4: Clean Environment and Zero Pollution
Call - Clean environment and zero pollution
Useita hakuotsikoita
Destination 5: Land, Ocean and Water for Climate Action
Call - Land, ocean and water for climate action
Useita hakuotsikoita
Destination 6: Resilient, Inclusive, Healthy and Green Rural, Coastal and Urban Communities
Call - Resilient, inclusive, healthy and green rural, coastal and urban communities
Useita hakuotsikoita
Destination 7: Innovative Governance, Environmental Observations and Digital Solutions in Support of the Green Deal
Call - Innovative governance, environmental observations and digital solutions in support of the Green Deal (deadline 10.3.2022)
<i>HORIZON-CL6-2022-GOVERNANCE-01-01: Mobilisation of society to transform food systems for co-benefits</i>
<i>HORIZON-CL6-2022-GOVERNANCE-01-02: European Partnership for a climate neutral, sustainable and productive Blue Economy</i>
<i>HORIZON-CL6-2022-GOVERNANCE-01-03: Multi-layer governance performance of marine policies</i>
<i>HORIZON-CL6-2022-GOVERNANCE-01-04: Consumer-focused labelling options for bio-based products</i>
<i>HORIZON-CL6-2022-GOVERNANCE-01-05: Innovative tools and methods to evaluate the design and support, monitoring and implementation of effective CAP strategic plans</i>
<i>HORIZON-CL6-2022-GOVERNANCE-01-06: Water governance, economic and financial sustainability of water systems</i>
<i>HORIZON-CL6-2022-GOVERNANCE-01-07: New technologies for acquiring in-situ observation datasets to address climate change effects</i>
<i>HORIZON-CL6-2022-GOVERNANCE-01-08: Uptake and validation of citizen observations to complement authoritative measurement within the urban environment and boost related citizen engagement</i>
<i>HORIZON-CL6-2022-GOVERNANCE-01-09: Environmental observations solutions contributing to meeting "One Health" challenges</i>
<i>HORIZON-CL6-2022-GOVERNANCE-01-10: Piloting approaches and tools to empower citizens to exercise their "data rights" in the area of food and nutrition</i>
<i>HORIZON-CL6-2022-GOVERNANCE-01-11: Upscaling (real-time) sensor data for EU-wide monitoring of production and agri-environmental conditions</i>
<i>HORIZON-CL6-2022-GOVERNANCE-01-12: Thematic networks to compile and share knowledge ready for practice</i>
<i>HORIZON-CL6-2022-GOVERNANCE-01-13: Broaden EIP Operational Group outcomes across borders by means of thematic networks, compiling and sharing knowledge ready for practice</i>
<i>HORIZON-CL6-2022-GOVERNANCE-01-14: Improving preparation of multi-actor projects to enable the relevant actors to work in a co-creative way</i>
<i>HORIZON-CL6-2022-GOVERNANCE-01-15: Developing EU advisory networks on water use</i>

Lisätietoa klusterista 6:

https://ec.europa.eu/info/research-and-innovation/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe/cluster-6-food-bioeconomy-natural-resources-agriculture-and-environment_en

Missioiden hakuajat

Useita missioiden alaisia hakuja on nyt avoinna:

1. Ilmastonmuutokseen sopeutuminen (11.1.2022–12.4.2022)
2. Syöpä (22.12.2021–26.4.2022)
3. Terveet meret, rannikko- ja sisävedet (22.12.2021–12.4.2022)
4. Hiilineutraalit ja älykkäät kaupungit (11.1.2022–26.4.2022 ja 28.4.2022–6.9.2022)
5. Maaperän terveys ja ruoka Maaperän terveys ja ruoka (22.12.2021–24.3.2022)

Mission: Adaptation to climate change
Call - Research and Innovation actions in support of the implementation of the Adaptation to Climate Change Mission (deadline 12.4.2022)
<i>HORIZON-MISS-2021-CLIMA-02-01: Development of climate change risk assessments in European regions and communities based on a transparent and harmonised Climate Risk Assessment approach</i>
<i>HORIZON-MISS-2021-CLIMA-02-02: Support to the regions in developing pathways towards climate resilience and corresponding innovation agendas</i>
<i>HORIZON-MISS-2021-CLIMA-02-03: Towards asset level modelling of climate risks and adaptation</i>
<i>HORIZON-MISS-2021-CLIMA-02-04: Large scale demonstrators of climate resilience creating cross-border value</i>
<i>HORIZON-MISS-2021-CLIMA-02-05: Local engagement of citizens in the co-creation of societal transformational change for climate resilience</i>
Mission: Cancer
Call - Research and Innovation actions supporting the implementation of the Mission on Cancer (deadline 26.4.2022)
<i>HORIZON-MISS-2021-CANCER-02-01: Develop new methods and technologies for cancer screening and early detection</i>
<i>HORIZON-MISS-2021-CANCER-02-02: Develop and validate a set of quality of life and patient preference measures for cancer patients and survivors</i>
<i>HORIZON-MISS-2021-CANCER-02-03: Better understanding of the impact of risk factors and health determinants on the development and progression of cancer</i>
Mission: Restore our Ocean, seas and waters by 2030
Call - Protect and restore marine and fresh water ecosystems and biodiversity (deadline 12.4.2022)
<i>HORIZON-MISS-2021-OCEAN-02-01: European Blue Parks</i>
<i>HORIZON-MISS-2021-OCEAN-02-02: Danube river basin lighthouse – restoration of fresh and transitional water ecosystems</i>
<i>HORIZON-MISS-2021-OCEAN-02-03: Atlantic and Arctic basin lighthouse - restoration of marine and coastal ecosystems and increased climate resilience</i>
<i>HORIZON-MISS-2021-OCEAN-02-04: Danube river basin lighthouse – coordination activities</i>
<i>HORIZON-MISS-2021-OCEAN-02-05: Atlantic and Arctic basins lighthouse – coordination activities</i>
Call - Prevent and eliminate pollution of our ocean, seas and waters (deadline 12.4.2022)
<i>HORIZON-MISS-2021-OCEAN-03-01: Mediterranean sea basin lighthouse - actions to prevent, minimise and remediate litter and plastic pollution</i>
<i>HORIZON-MISS-2021-OCEAN-03-02: Mediterranean sea basin lighthouse – coordination activities</i>
Call - Sustainable, carbon-neutral and circular Blue economy (deadline 12.4.2022)
<i>HORIZON-MISS-2021-OCEAN-04-01: Lighthouse in the Baltic and the North Sea basins - Low impact marine aquaculture and multi-purpose use of marine space</i>
<i>HORIZON-MISS-2021-OCEAN-04-02: Baltic and North Sea basin lighthouse – coordination activities</i>
Call - Mission Enabling activities: Digital knowledge system, public mobilisation and engagement, dynamic investment ecosystem (deadline 12.4.2022)
<i>HORIZON-MISS-2021-OCEAN-05-01: Underlying models for the European Digital Twin Ocean</i>

<i>HORIZON-MISS-2021-OCEAN-05-02: The relation of young generations with the sea and water: values, expectations, and engagement</i>
<i>HORIZON-MISS-2021-OCEAN-05-03: Piloting citizen science in marine and freshwater domains</i>
Mission: Climate neutral and smart cities
Call - Research and Innovation actions to support the implementation of the Climate-Neutral and Smart Cities Mission (deadline 26.4.2022)
<i>HORIZON-MISS-2021-CIT-02-01: Urban planning and design for just, sustainable, resilient and climate-neutral cities by 2030</i>
<i>HORIZON-MISS-2021-CIT-02-02: Unleashing the innovation potential of public transport as backbone of urban mobility</i>
<i>HORIZON-MISS-2021-CIT-02-03: Framework Partnership Agreement (FPA) for the Climate-Neutral and Smart Cities Mission Platform</i>
<i>HORIZON-MISS-2021-CIT-02-04: Positive Clean Energy Districts</i>
<i>HORIZON-MISS-2021-CIT-02-05: Global cooperation and exchange on urban climate neutrality</i>
Call - Research and Innovation actions for support the implementation of the Climate-neutral and Smart Cities Mission (deadline 6.9.2022)
<i>HORIZON-MISS-2022-CIT-01-01: Designing inclusive, safe, affordable and sustainable urban mobility</i>
Mission: Soil health and food
Call - Research and Innovation and other actions to support the implementation of a mission in the area of Soil health and Food (deadline 24.3.2022)
<i>HORIZON-MISS-2021-SOIL-02-01: From knowledge gaps to roadmaps on soil mission objectives</i>
<i>HORIZON-MISS-2021-SOIL-02-02: Validating and further developing indicators for soil health and functions</i>
<i>HORIZON-MISS-2021-SOIL-02-03: Linking soil health to nutritional and safe food</i>
<i>HORIZON-MISS-2021-SOIL-02-04: Social, economic and cultural factors driving land management and land degradation</i>
<i>HORIZON-MISS-2021-SOIL-02-05: Incentives and business models for soil health</i>
<i>HORIZON-MISS-2021-SOIL-02-06: Engage with and activate municipalities and regions to protect and restore soil health</i>
<i>HORIZON-MISS-2021-SOIL-02-07: National engagement sessions and support to the establishment of soil health living labs</i>
<i>HORIZON-MISS-2021-SOIL-02-08: Next generation soil advisors</i>

Lisätietoa missioista:

https://ec.europa.eu/info/research-and-innovation/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe/eu-missions-horizon-europe_en

Työohjelmat, avoimet haut ja hakuohjeet löytyvät komission Funding & Tenders -portaalista:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home>