

# HORIZONT EURÓPA

## Klaster 6: Potraviny, biohospodárstvo, prírodné zdroje, poľnohospodárstvo a životné prostredie

Návrhy predložené v rámci výziev na  
rok 2021



EURÓPSKA ÚNIA  
Európsky fond regionálneho rozvoja  
OP Integrovaná infraštruktúra 2014 – 2020



MINISTERSTVO  
ŠKOLSTVA, VEDY,  
VÝSKUMU A ŠPORTU  
SLOVENSKEJ REPUBLIKY

Investícia do Vašej budúcnosti



V reakcii na 7 výziev na predkladanie návrhov preložili žiadatelia 591 projektových návrhov do termínu uzávierky výzvy 6. októbra. Je to 3 krát viac ako by dokázal pokryť celkový rozpočet.



Výsledky hodnotenia budú známe do marca 2022.

## Destinácia: Biodiverzita a ekosystémové služby

Výzva - Biodiversity and ecosystem services (2021) - HORIZON-CL6-2021-BIODIV-01

otvorenie výzvy: 22.6.2021 | uzávierka výzvy: 6.10.2021

Kód a téma výzvy	Typ projektu	Počet predložených návrhov
HORIZON-CL6-2021-BIODIV-01-01 European participation in global biodiversity genomics endeavours aimed at identifying all biodiversity on Earth	RIA	1
HORIZON-CL6-2021-BIODIV-01-02 Data and technologies for the inventory, fast identification and monitoring of endangered wildlife and other species groups	RIA	7
HORIZON-CL6-2021-BIODIV-01-03 Understanding and valuing coastal and marine biodiversity and ecosystems services	RIA	3
HORIZON-CL6-2021-BIODIV-01-04 Assess and predict integrated impacts of cumulative direct and indirect stressors on coastal and marine biodiversity, ecosystems and their services	RIA	3
HORIZON-CL6-2021-BIODIV-01-05 The economics of nature-based solutions: cost-benefit analysis, market development and funding	RIA	3
HORIZON-CL6-2021-BIODIV-01-06 Nature-based solutions, prevention and reduction of risks and the insurance sector	CSA	2
HORIZON-CL6-2021-BIODIV-01-07 Ecosystems and their services for an evidence-based policy and decision-making	RIA	2
HORIZON-CL6-2021-BIODIV-01-08 Supporting the development of a coherent and resilient Trans-European Nature Network	IA	2
HORIZON-CL6-2021-BIODIV-01-09 Assessing and consolidating recent scientific advances on freshwater ecosystem restoration	CSA	5
HORIZON-CL6-2021-BIODIV-01-10 Demonstration of measures and management for coastal and marine ecosystems restoration and resilience in simplified socio-ecological systems	IA	3
HORIZON-CL6-2021-BIODIV-01-11 What else is out there? Exploring the connection between biodiversity, ecosystems services, pandemics and epidemic risk	RIA	7
HORIZON-CL6-2021-BIODIV-01-12 Improved science based maritime spatial planning and identification of marine protected areas	RIA	5

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Kód a téma výzvy	Typ projektu	Počet predložených návrhov
HORIZON-CL6-2021-BIODIV-01-13 Breeding for resilience: focus on root-based traits	RIA	11
HORIZON-CL6-2021-BIODIV-01-14 Fostering organic crop breeding	IA	5
HORIZON-CL6-2021-BIODIV-01-15 Quantify impacts of the trade in raw and processed biomass on ecosystems, for offering new leverage points for biodiversity conservation, along supply chains, to reduce leakage effects	RIA	5
HORIZON-CL6-2021-BIODIV-01-16 Biodiversity, water, food, energy, transport, climate and health nexus in the context of transformative change	RIA	3
HORIZON-CL6-2021-BIODIV-01-17 Policy mixes, governance (including financing) and decision-making tools for transformative action on biodiversity	RIA	1
HORIZON-CL6-2021-BIODIV-01-18 Understanding the impacts of and the opportunities offered by digital transformation, new emerging technologies and social innovation on biodiversity	RIA	1
HORIZON-CL6-2021-BIODIV-01-19 A mechanism for science to inform implementation, monitoring, review and ratcheting up of the new EU biodiversity strategy for 2030 („Science Service“)	CSA	1
HORIZON-CL6-2021-BIODIV-01-20 Support to processes triggered by IPBES and IPCC	CSA	
HORIZON-CL6-2021-BIODIV-01-21 Impact and dependence of business on biodiversity	RIA	1

### Výzva - Biodiversity and ecosystem services (2021) - HORIZON-CL6-2021-BIODIV-02

otvorenie výzvy: 22.6.2021 | uzávierka výzvy: 22.7.2021

Kód a téma výzvy	Typ projektu	Predpokladaný príspevok EÚ na projekt
HORIZON-CL6-2021-BIODIV-02-01 European partnership rescuing biodiversity to safeguard life on Earth	cofund	40 - 165 mil. €

# Destinácia: Zodpovedné, zdravé a environmentálne-prijateľné potravinové systémy od primárnej výroby po spotrebu

Výzva - Fair, healthy and environmentally-friendly food systems from primary production to consumption (2021) - HORIZON-CL6-2021-FARM2FORK-01

otvorenie výzvy: 22.6.2021 | uzávierka výzvy: 6.10.2021

Kód a téma výzvy	Typ projektu	Počet predložených návrhov
HORIZON-CL6-2021-FARM2FORK-01-01 Reaching the farm to fork target: R&I scenarios for boosting organic farming and organic aquaculture in Europe	RIA	6
HORIZON-CL6-2021-FARM2FORK-01-02 Developing sustainable and competitive land-based protein crop systems and value chains	IA	6
HORIZON-CL6-2021-FARM2FORK-01-03 Digitalisation as an enabler of agroecological farming systems	CSA	6
HORIZON-CL6-2021-FARM2FORK-01-04 Tackling outbreaks of plant pests	RIA	14
HORIZON-CL6-2021-FARM2FORK-01-05 Animal welfare 2.0	RIA	10
HORIZON-CL6-2021-FARM2FORK-01-06 Vaccines and diagnostics for priority animal diseases	IA	13
HORIZON-CL6-2021-FARM2FORK-01-07 Research & innovation roadmap for blockchain technologies in the agri-food sector	CSA	13
HORIZON-CL6-2021-FARM2FORK-01-08 Uncovering lock-ins and levers to encourage farmers to move to and stay in sustainable, climate-neutral and biodiversity-friendly farming systems: from experiments to systemic mechanisms	RIA	9
HORIZON-CL6-2021-FARM2FORK-01-09 Towards an EU approach to assess and internalise positive and negative externalities of food for incentivising sustainable choices	RIA	1
HORIZON-CL6-2021-FARM2FORK-01-10 Sea to fork transparency and consumer engagement	IA	12
HORIZON-CL6-2021-FARM2FORK-01-11 Digital transition supporting inspection and control for sustainable fisheries	IA	6

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Kód a téma výzvy	Typ projektu	Počet predložených návrhov
HORIZON-CL6-2021-FARM2FORK-01-12 Filling knowledge gaps on the nutritional, safety, allergenicity and environmental assessment of alternative proteins and dietary shift	RIA	8
HORIZON-CL6-2021-FARM2FORK-01-13 evidence-based decision-making to change social norms towards zero food waste	RIA	8
HORIZON-CL6-2021-FARM2FORK-01-14 Microbes for healthy and sustainable food and diets	RIA	6
HORIZON-CL6-2021-FARM2FORK-01-15 Transition to healthy and sustainable dietary behaviour	RIA	20
HORIZON-CL6-2021-FARM2FORK-01-16 Identification, assessment and management of existing and emerging food safety issues	RIA	9
HORIZON-CL6-2021-FARM2FORK-01-17 Increasing the transparency of EU food systems to boost health, sustainability and safety of products, processes and diets	IA	7
HORIZON-CL6-2021-FARM2FORK-01-18 One Health approach for Food Nutrition Security and Sustainable Agriculture (FNSSA)	RIA	10
HORIZON-CL6-2021-FARM2FORK-01-19 EU-China international cooperation on integrated pest management in agriculture	RIA	6

# Destinácia: Odvetvia obehového hospodárstva a biohospodárstva

Výzva - Circular economy and bioeconomy sectors (2021) -  
HORIZON-CL6-2021-CIRCBIO-01

otvorenie výzvy: 22.6.2021 | uzávierka výzvy: 6.10.2021

Kód a téma výzvy	Typ projektu	Počet predložených návrhov
HORIZON-CL6-2021-CIRCBIO-01-01 Circular Cities and Regions Initiative (CCRI)'s circular systemic solutions	IA	22
HORIZON-CL6-2021-CIRCBIO-01-02 Circular Cities and Regions Initiative's project development assistance (CCRI-PDA)	CSA	4
HORIZON-CL6-2021-CIRCBIO-01-03 Innovative solutions to over-packaging and single-use plastics, and related microplastic pollution	IA	11
HORIZON-CL6-2021-CIRCBIO-01-04 Increasing the circularity in textiles, plastics and/or electronics value chains	IA	16
HORIZON-CL6-2021-CIRCBIO-01-05 Novel, non-plant biomass feedstocks for industrial applications	IA	11
HORIZON-CL6-2021-CIRCBIO-01-06 Contained biomass solutions for sustainable and zero-Indirect Land Use Change (ILUC) production systems for high value applications	IA	
HORIZON-CL6-2021-CIRCBIO-01-07 Microbiomes for bio-based innovation and environmental applications	IA	3
HORIZON-CL6-2021-CIRCBIO-01-08 Mainstreaming inclusive small-scale bio-based solutions in European rural areas	CSA	13
HORIZON-CL6-2021-CIRCBIO-01-09 Unlocking the potential of algae for a thriving European blue bioeconomy	IA	19

# Destinácia: Čisté životné prostredie a nulové znečistenie

Výzva - Clean environment and zero pollution (2021) -  
HORIZON-CL6-2021-ZEROPOLLUTION-01

otvorenie výzvy: 22.6.2021 | uzávierka výzvy: 6.10.2021

Kód a téma výzvy	Typ projektu	Počet predložených návrhov
HORIZON-CL6-2021-ZEROPOLLUTION-01-01 Regional nitrogen and phosphorus load reduction approach within safe ecological boundaries	CSA	4
HORIZON-CL6-2021-ZEROPOLLUTION-01-02 Optimisation of nutrient budget in agriculture	RIA	5
HORIZON-CL6-2021-ZEROPOLLUTION-01-03 Preventing and managing diffuse pollution in urban water runoff	RIA	24
HORIZON-CL6-2021-ZEROPOLLUTION-01-04 Achieving zero polluted seas and ocean	CSA	3
HORIZON-CL6-2021-ZEROPOLLUTION-01-05 Environmental sustainability criteria for biological resources production and trade in bio-based systems: impacts and trade-offs	IA	2
HORIZON-CL6-2021-ZEROPOLLUTION-01-06 Increasing the environmental performance of industrial processes in bio-based sectors: construction, woodworking, textiles, pulp and paper and bio-chemicals	RIA	4
HORIZON-CL6-2021-ZEROPOLLUTION-01-07 International and EU sustainability certification schemes for bio-based systems	CSA	3
HORIZON-CL6-2021-ZEROPOLLUTION-01-08 New genomic techniques (NGT): understanding benefits and risks – focus on bio-based innovation	RIA	2
HORIZON-CL6-2021-ZEROPOLLUTION-01-09 Environmental impacts and trade-offs of alternative fertilising products at global/local scale	CSA	3
HORIZON-CL6-2021-ZEROPOLLUTION-01-10 Environmental services: improved bioremediation and revitalization strategies for soil, sediments and water	RIA	14



# Destinácia: Pôda, oceány a voda pre ochranu klímy

Výzva - Land, oceans and water for climate action (2021) -  
HORIZON-CL6-2021-CLIMATE-01

otvorenie výzvy: 22.6.2021 | uzávierka výzvy: 6.10.2021

Kód a téma výzvy	Typ projektu	Počet predložených návrhov
HORIZON-CL6-2021-CLIMATE-01-01 Improved understanding, observation and monitoring of water resources availability	RIA	17
HORIZON-CL6-2021-CLIMATE-01-02 European Partnership Water Security for the Planet (Water4All)	Cofund Action	1
HORIZON-CL6-2021-CLIMATE-01-03 Key oceanic and polar processes driving regional & global climate change	RIA	5
HORIZON-CL6-2021-CLIMATE-01-04 Demonstration network on climate-smart farming – linking pilot farms	CSA	2
HORIZON-CL6-2021-CLIMATE-01-05 Agroecological approaches for climate change mitigation, resilient agricultural production and enhanced biodiversity	RIA	8
HORIZON-CL6-2021-CLIMATE-01-06 Resilient livestock farming systems under climate change	RIA	4
HORIZON-CL6-2021-CLIMATE-01-07 International Research Consortium on (agricultural) soil carbon	CSA	1
HORIZON-CL6-2021-CLIMATE-01-08 Agroforestry to meet climate, biodiversity and farming sustainability goals	RIA	10
HORIZON-CL6-2021-CLIMATE-01-09 Enhancing science-based knowledge on EU forests', including old-growth forests, capacities to mitigate climate change	RIA	5
HORIZON-CL6-2021-CLIMATE-01-10 EU-China international cooperation on increasing the resilience of forests	RIA	4

## Destinácia: Odolné, inkluzívne, zdravé a ekologické vidiecke, pobrežné a mestské komunity

Výzva - Resilient, inclusive, healthy and green rural, coastal and urban communities (2021) - HORIZON-CL6-2021-COMMUNITIES-01

otvorenie výzvy: 22.6.2021 | uzávierka výzvy: 6.10.2021

Kód a téma výzvy	Typ projektu	Počet predložených návrhov
HORIZON-CL6-2021-COMMUNITIES-01-01 Grasping rural diversity and strengthening evidence for tailored policies enhancing the contribution of rural communities to ecological, digital and social transitions	RIA	6
HORIZON-CL6-2021-COMMUNITIES-01-02 Expertise and training centre on rural innovation	CSA	8
HORIZON-CL6-2021-COMMUNITIES-01-03 Smart XG, last-mile and edge solutions for remote farming, forestry and rural areas	RIA	13
HORIZON-CL6-2021-COMMUNITIES-01-04 Socio-economic empowerment of the users of the sea	RIA	7
HORIZON-CL6-2021-COMMUNITIES-01-05 Integrated urban food system policies – how cities and towns can transform food systems for co-benefits	IA	5
HORIZON-CL6-2021-COMMUNITIES-01-06 Inside and outside: educational innovation with nature-based solutions	CSA	5

# Destinácia: Inovatívna správa, pozorovania životného prostredia a digitálne riešenia na podporu Zelenej dohody

Výzva - Innovative governance, environmental observations and digital solutions in support of the Green Deal (2021) - HORIZON-CL6-2021-GOVERNANCE-01

otvorenie výzvy: 22.6.2021 | uzávierka výzvy: 6.10.2021

Kód a téma výzvy	Typ projektu	Počet predložených návrhov
HORIZON-CL6-2021-GOVERNANCE-01-01 Mobilising the network of national contact points in Cluster 6	CSA	1
HORIZON-CL6-2021-GOVERNANCE-01-02 Furthering food systems science and federating researchers across the European Research Area	RIA	2
HORIZON-CL6-2021-GOVERNANCE-01-03 Preparatory action for the Horizon Europe Food System Partnership	CSA	2
HORIZON-CL6-2021-GOVERNANCE-01-04 Strengthening bioeconomy innovation and deployment across sectors and all governance levels	CSA	2
HORIZON-CL6-2021-GOVERNANCE-01-05 Fostering strategic advice and synergies between national and EU research and innovation agendas, including SCAR foresight	CSA	2
HORIZON-CL6-2021-GOVERNANCE-01-06 Environmental and social cross-compliance of marine policies	RIA	1
HORIZON-CL6-2021-GOVERNANCE-01-07 Regional governance models in the bioeconomy	CSA	3
HORIZON-CL6-2021-GOVERNANCE-01-08 Improving understanding of and engagement in bio-based systems with training and skills development	CSA	4
HORIZON-CL6-2021-GOVERNANCE-01-09 Revitalisation of European local communities with innovative bio-based business models and social innovation	CSA	5
HORIZON-CL6-2021-GOVERNANCE-01-10 Raising awareness of circular and sustainable bioeconomy in support of Member States to develop bioeconomy strategies and/or action plans	CSA	2
HORIZON-CL6-2021-GOVERNANCE-01-11 Education on the bioeconomy including bio-based sectors for young people in primary and secondary education in Europe	CSA	12

# Destinácia: Inovatívna správa, pozorovania životného prostredia a digitálne riešenia na podporu Zelenej dohody

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otvorenie výzvy: 22.6.2021 | uzávierka výzvy: 6.10.2021

Kód a téma výzvy	Typ projektu	Počet predložených návrhov
HORIZON-CL6-2021-GOVERNANCE-01-12 EU agriculture within a safe and just operating space and planetary boundaries	RIA	1
HORIZON-CL6-2021-GOVERNANCE-01-13 Modelling land use and land management in the context of climate change	RIA	6
HORIZON-CL6-2021-GOVERNANCE-01-14 User-oriented solutions building on environmental observation to monitor critical ecosystems and biodiversity loss and vulnerability in the European Union	RIA	6
HORIZON-CL6-2021-GOVERNANCE-01-15 Preparing for pre-commercial procurement (PCP) for end-user services based on environmental observation in the area of climate change adaptation and mitigation	CSA	2
HORIZON-CL6-2021-GOVERNANCE-01-16 Tools to support the uptake and accessibility/exploitability of environmental observation information at European and global level	IA	3
HORIZON-CL6-2021-GOVERNANCE-01-17 Common European Green Deal data space to provide more accessible and exploitable environmental observation data in support of the European Green Deal priority actions	IA	5
HORIZON-CL6-2021-GOVERNANCE-01-18 Mapping and improving the data economy for food systems	RIA	1
HORIZON-CL6-2021-GOVERNANCE-01-19 Development of the markets and use of digital technologies and infrastructure in agriculture – state of play and foresight: digital and data technologies for the agricultural sector in a fast changing regulatory, trade and technical environment	RIA	1
HORIZON-CL6-2021-GOVERNANCE-01-20 Data economy in the field of agriculture – effects of data sharing and big data	RIA	3
HORIZON-CL6-2021-GOVERNANCE-01-21 Potential of drones as multi-purpose vehicle – risks and added values	RIA	13



# Destinácia: Inovatívna správa, pozorovania životného prostredia a digitálne riešenia na podporu Zelenej dohody

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otvorenie výzvy: 22.6.2021 | uzávierka výzvy: 6.10.2021


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HORIZON-CL6-2021-GOVERNANCE-01-22 Assessing the impacts of digital technologies in agriculture – cost, benefits and potential for sustainability gains	RIA	2
HORIZON-CL6-2021-GOVERNANCE-01-23 Broaden EIP Operational Group outcomes across borders by means of thematic networks, compiling and sharing knowledge ready for practice	CSA	3
HORIZON-CL6-2021-GOVERNANCE-01-24 Supporting knowledge exchange between all AKIS actors in the Member States by means of an EU-wide interactive knowledge reservoir	RIA	1
HORIZON-CL6-2021-GOVERNANCE-01-25 Improving national AKIS organisation in a co-creative process across the EU	CSA	1
HORIZON-CL6-2021-GOVERNANCE-01-26 Deepening the functioning of innovation support	CSA	1
HORIZON-CL6-2021-GOVERNANCE-01-27 Developing EU advisory networks on consumer-producer chains	CSA	2
HORIZON-CL6-2021-GOVERNANCE-01-28 Thematic networks to compile and share knowledge ready for practice	CSA	5

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Zdroj: Horizon Europe - Work Programme 2021-2022 Food, Bioeconomy, Natural Resources,  
Agriculture and Environment

Všetky výzvy sú zverejnené na webovej stránke:  <https://ec.europa.eu/info/funding-tenders/opportunities/portal>.



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