



Apvārsnis Eiropa

Lāsma Brenča

Latvijas Zinātnes padome
Nacionālais kontaktpunkts

lasma.brenca@lzp.gov.lv



Latvian Council
of Science

Apvārsnis Eiropa

HORIZON EUROPE

EURATOM

SPECIFIC PROGRAMME: EUROPEAN DEFENCE FUND

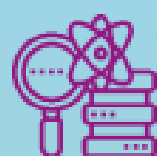
*Exclusive focus on
defence research
& development*

Research
actions

Development
actions

SPECIFIC PROGRAMME IMPLEMENTING HORIZON EUROPE & EIT*

Exclusive focus on civil applications



**Pillar I
EXCELLENT SCIENCE**

European Research Council

Marie Skłodowska-Curie

Research Infrastructures

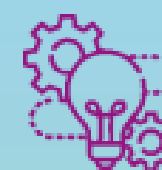


**Pillar II
GLOBAL CHALLENGES &
EUROPEAN INDUSTRIAL
COMPETITIVENESS**

Clusters

- Health
- Culture, Creativity & Inclusive Society
- Civil Security for Society
- Digital, Industry & Space
- Climate, Energy & Mobility
- Food, Bioeconomy, Natural Resources, Agriculture & Environment

Joint Research Centre



**Pillar III
INNOVATIVE EUROPE**

European Innovation
Council

European Innovation
Ecosystems

European Institute of
Innovation & Technology*

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

Widening participation & spreading excellence

Reforming & Enhancing the European R&I system

Fusion

Fission

Joint
Research
Center



Latvijas Zinātnes padome

Programmas ceļvedis



Horizon Europe (HORIZON)

HE Programme Guide

Version 4.1
01 May 2024

Table of contents

1. Introduction	6
2. Terminology explained	7
3. Structure and budget	8
4. What is the Strategic Plan and why is it important?	9
5. Horizon Europe, an impact-driven framework programme	10
6. European Partnerships	11
7. Missions	11
8. International cooperation and association	12
9. Gender equality and inclusiveness	16
10. Social Science and Humanities (SSH)	21
11. Social Innovation	22
12. Ethics and integrity	23
13. Security	28
14. Dissemination and exploitation of research results	31
15. Do No Significant Harm principle	39
16. Open science	40
17. Innovation Procurement	56
18. Key Digital Technologies	59

https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/guidance/programme-guide_horizon_en.pdf

Apvārsnis Eiropa Nacionālais kontaktpunkts



Jānis Ancāns

CL1



Aiga Salmiņa

CL5, CL6, JRC



Jūlija Asmuss

Coordinator, CL4



Marija Kiršteine

Missions



Marija Plotniece

EIC, EIT, EIE, RI



Līga Lice da Costa

MSCA, ERC, ERA



Darja Aksjonova

CL2, EURAXESS,
Widening



Ingrīda Lavrinoviča

CL3, CL4



Inga Širante

Legal and Financial issues



Zane Zondaka

Widening



Lāsma Brenča

CL5, CL6



Konkursu veidi

Veids	Aktivitāte	Lapaspušu limits	Finansējums
RIA (Research and Innovation Actions)	Activities to establish new knowledge or to explore the feasibility of a new or improved technology, product, process, service or solution.	45 lpp.	Līdz 100%
IA (Innovation Actions)	Activities to produce plans and arrangements or designs for new, altered or improved products, processes or services.	45 lpp.	*Līdz 70%
CSA (Coordination and Support Actions)	Activities that contribute to the objectives of Horizon Europe. This excludes R&I activities, except for 'Widening participation and spreading excellence'.	30 lpp.	Līdz 100%

* 70% finansējums tiek piešķirts peļņas organizācijā, savukārt bez- peļņas 100%

Tehnoloģiju gatavības līmeņi (TLR)

TRL 1 – Izzināti dabas likumi

TRL 2 – Formulēta tehnoloģijas praktiskā lietojuma koncepcija

TRL 3 – Koncepcijas eksperimentālā pārbaude: uzsākta izpēte un izstrāde (analītiskie/laboratorijas pētījumi)

TRL 4 – Tehnoloģijas validācija laboratorijas vidē: veikta galveno tehnoloģisko komponentu integrācija

TRL 5 – Tehnoloģijas validācija mākslīgi radītā vidē: tehnoloģiskie komponenti ir integrēti ar samērā reāliem atbalsta elementiem

TRL 6 – Tehnoloģijas demonstrācijā mākslīgi radītā vidē: sistēmas modelis vai prototips ir pārbaudīts mākslīgi radītā vidē

TRL 7 – Sistēmas prototipa demonstrācija darbības vidē: sistēmas prototips, kas atbilst vai tikai minimāli atšķiras no plānotās sistēmas, ir pārbaudīts reālās darbības vidē

TRL 8 – Sistēma ir pabeigta un pārbaudīta: ir pierādīts, ka tehnoloģija darbojas tās galīgajā formā un plānotajos apstākļos (pēdējais tehnoloģijas attīstības līmenis)

TRL 9 – Sekmīga sistēmas ekspluatācija

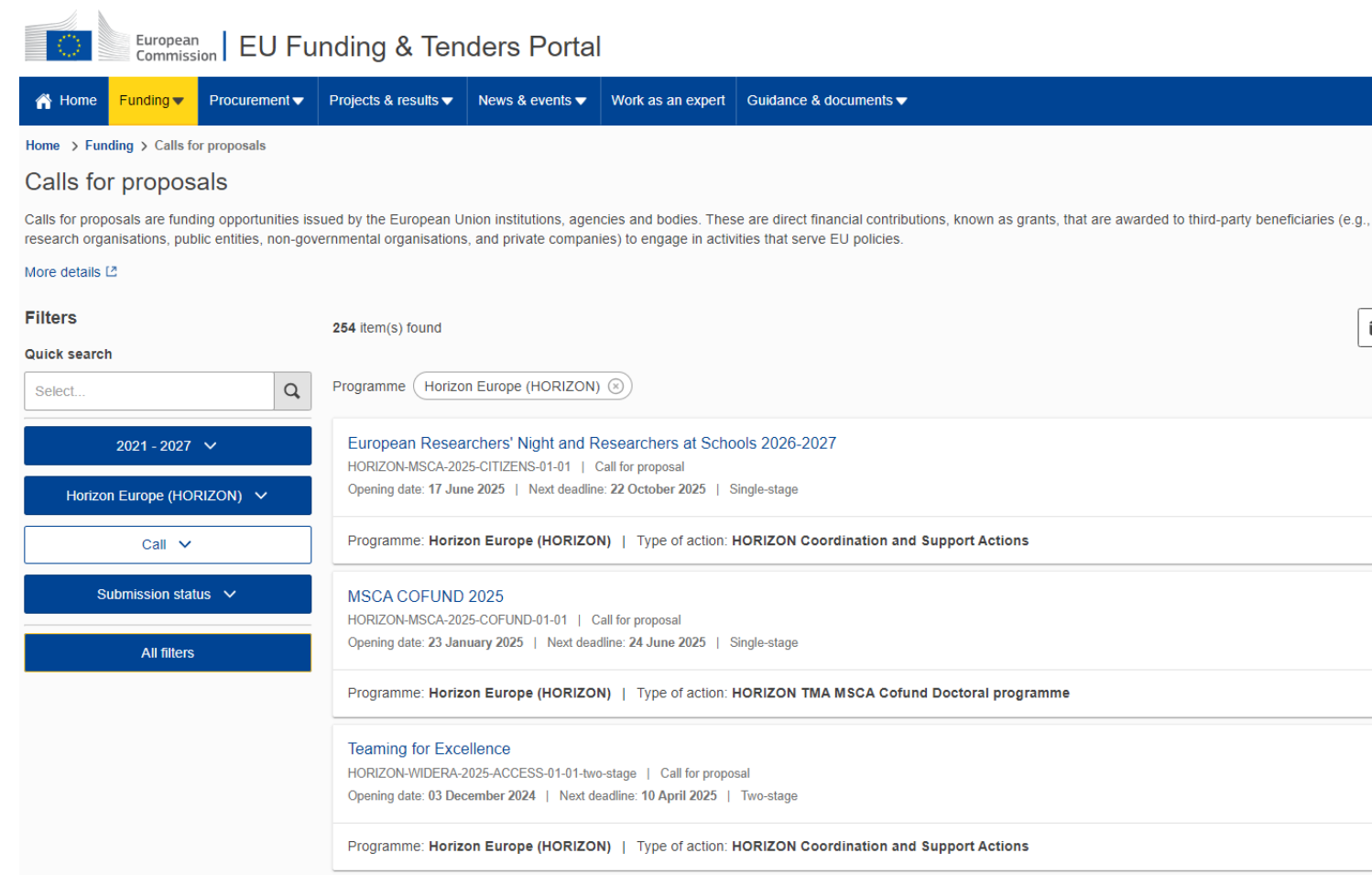


Apvārsnis Eiropa darba programmas

- [Marie Skłodowska-Curie Actions v2.0](#)
- [ERC Work Programme 2024](#)
- [Research Infrastructures v3.0](#)
- [Health v3.0](#)
- [Culture, creativity and inclusive society v2.0](#)
- [Civil Security for Society v3.0](#)
- [Digital, Industry and Space v3.0](#)
- [Climate, Energy and Mobility v3.0](#)
- [Food, Bioeconomy, Natural Resources, Agriculture and Environment v3.0](#)
- [European Innovation Council \(EIC\) 2024](#)
- [European Innovation Ecosystems \(EIE\) v3.0](#)
- [Widening participation and strengthening the European Research Area v3.0](#)
- [Missions v3.0](#)

Apvārsnis Eiropa konkursi

- Visi konkursi atrodami [Funding & Tenders](#) portālā
- Nacionālais kontaktpunkts ir izveidojis atvērto un publicēto konkursu apkopojumu - [šeit](#)



European Commission | EU Funding & Tenders Portal

Home > Funding > Calls for proposals

Calls for proposals

Calls for proposals are funding opportunities issued by the European Union institutions, agencies and bodies. These are direct financial contributions, known as grants, that are awarded to third-party beneficiaries (e.g., research organisations, public entities, non-governmental organisations, and private companies) to engage in activities that serve EU policies.

More details [↗](#)

Filters 254 item(s) found

Quick search

Programme: Horizon Europe (HORIZON)

2021 - 2027

Horizon Europe (HORIZON)

Call

Submission status

All filters

European Researchers' Night and Researchers at Schools 2026-2027
HORIZON-MSCA-2025-CITIZENS-01-01 | Call for proposal
Opening date: 17 June 2025 | Next deadline: 22 October 2025 | Single-stage

Programme: **Horizon Europe (HORIZON)** | Type of action: **HORIZON Coordination and Support Actions**

MSCA COFUND 2025
HORIZON-MSCA-2025-COFUND-01-01 | Call for proposal
Opening date: 23 January 2025 | Next deadline: 24 June 2025 | Single-stage

Programme: **Horizon Europe (HORIZON)** | Type of action: **HORIZON TMA MSCA Cofund Doctoral programme**

Teaming for Excellence
HORIZON-WIDERA-2025-ACCESS-01-01-two-stage | Call for proposal
Opening date: 03 December 2024 | Next deadline: 10 April 2025 | Two-stage

Programme: **Horizon Europe (HORIZON)** | Type of action: **HORIZON Coordination and Support Actions**

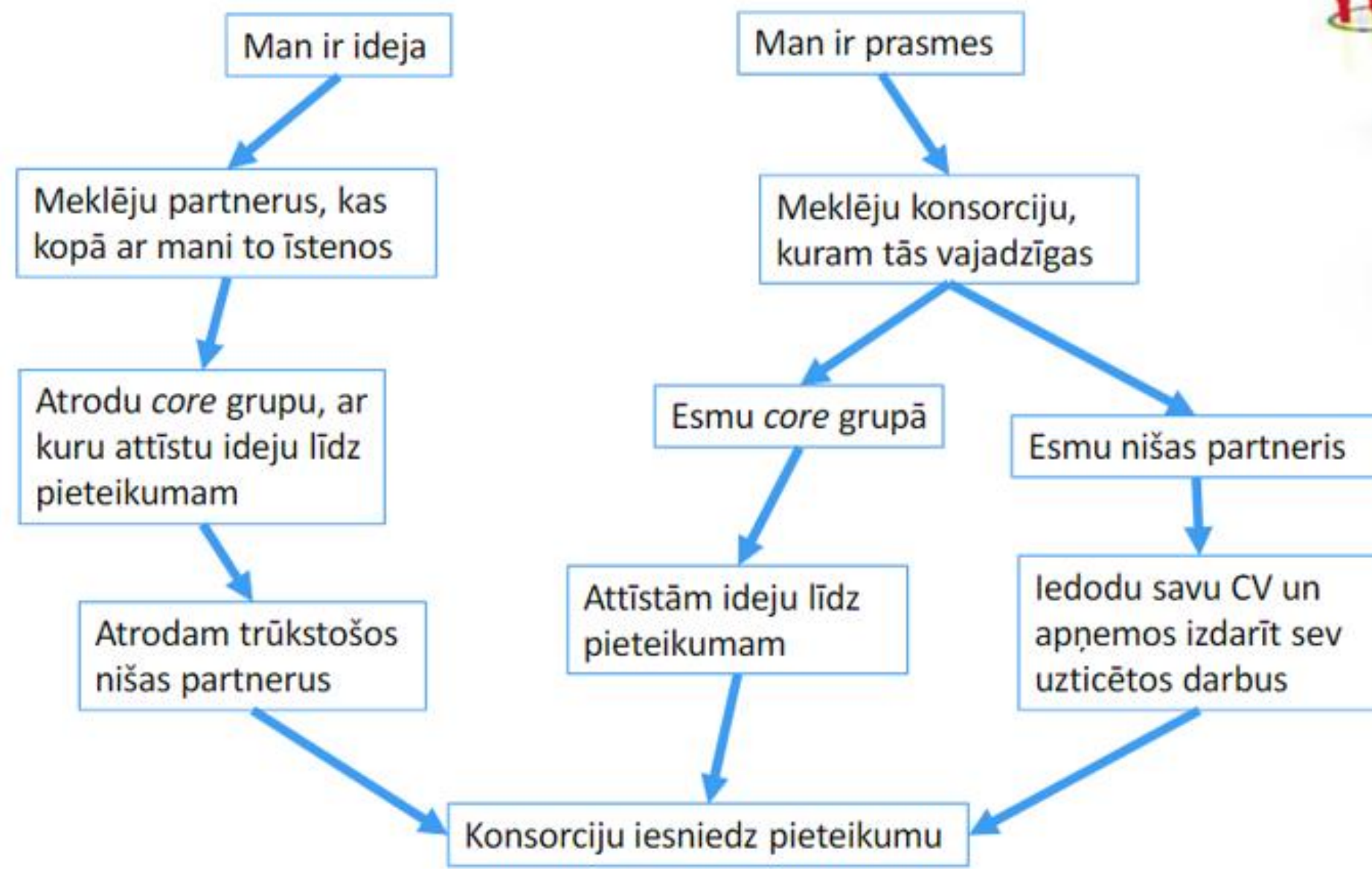
Mission: Soil health and food

Opening date: 8 May 2024

Deadline: 8 October 2024

Topic	Type of action, TRL	EU contribution per project (EUR million)	Number of projects to be funded
HORIZON-MISS-2024-SOIL-01-02 Living Labs in urban areas for healthy soils	RIA	12	1
HORIZON-MISS-2024-SOIL-01-07 Development of high spatial-resolution monitoring approaches and geographically-explicit registry for carbon farming	RIA	11,5	2
HORIZON-MISS-2024-SOIL-01-01 Co-creating solutions for soil health in Living Labs	RIA	12	3

Apvārsnis Eiropa konsorcijs





Latvijas Zinātnes
padome

Kā atrast partnerus?

Apmeklējiet temtiski atbilstošās konferences un
kontaktbiržas

Esiet savas idejas entuziasts – pārdomāti stāstiet par savu
ideju potenciālajiem partneriem

Labas attiecības ar iepriekšējā projekta konsorcijs
partneriem

Personīgās attiecības ar sadarbības partneriem citās
organizācijās

Izmantojiet partneru [meklēšanas rīkus](#), kā arī NKP kontaktus

Izmantojiet [CORDIS](#) mājas lapu, lai gūtu ieskatu par ES
finansētiem projektiem un partnerībām.



Latvijas Zinātnes padome

Kā sagatavot labu pieteikumu?



Esi **ambiciozs**, bet nezaudē realitātes sajūtu, lai projektu spētu realizēt



Rūpīgi iepazīties ar konkursa **mērķiem** un **vadlīnijām**, izskatīt konkursa [vērtēšanas kritērijus](#)



Sāc pieteikumu rasktīt ar iznākumu (**outcomes**) un ietekmes (**impacts**) noformulēšanu

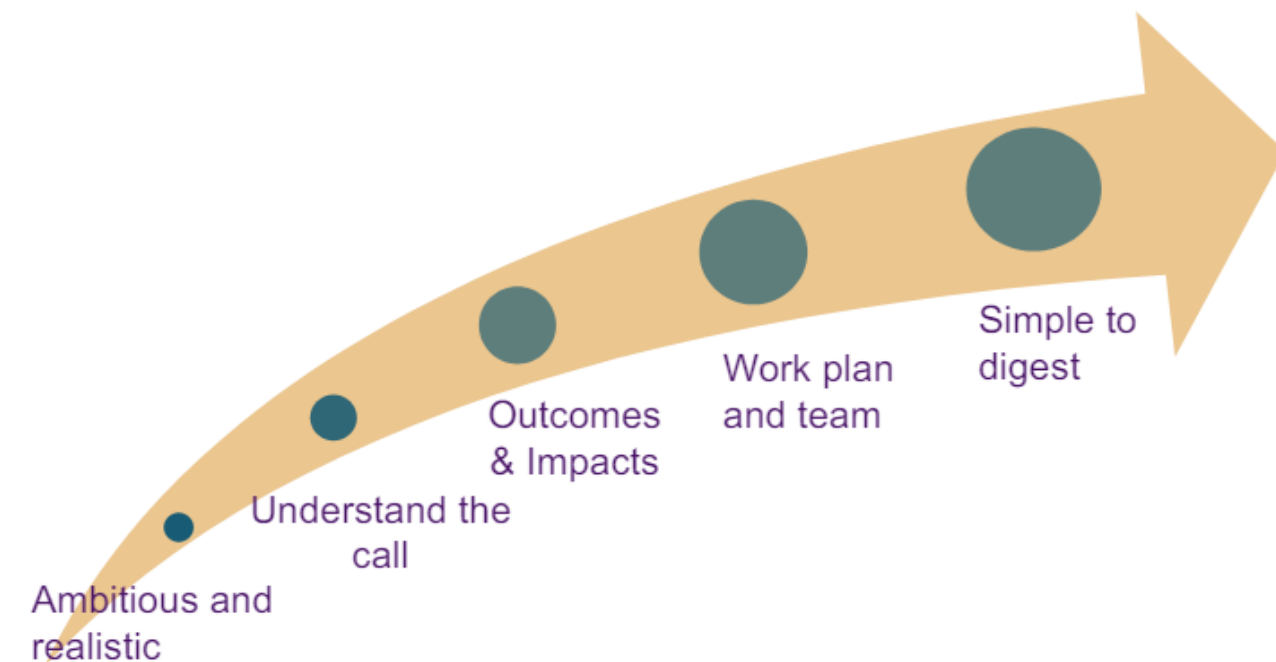


Izveido **labu komandu** un skaidri parādi, ko projekts vēlas **risināt**, kāpēc tas būtu jārisina tagad, kā arī parādi **ilgtermiņa ietekmi**



Projekta **valodai ir jābūt viegli lasāmai** un saprotamai, neizmantojiet nevajadzīgus iestarpinājumus un žargonus!

5 steps to success



Use graphics

Easy to follow

No tiny fonts or tight line spacing

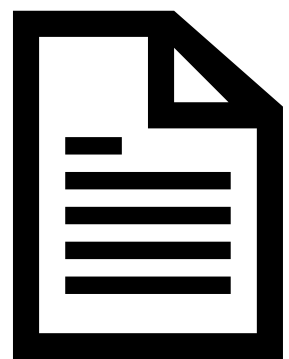
Respect page limits

Easy language for non-native English speakers...



Latvijas Zinātnes
padome

APVĀRSNIS EIROPA STATISTIKA



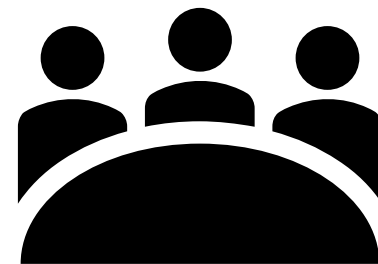
1144 PROJEKTU PIETEIKUMI

1512 DALĪBAS PROJEKTU PIETEIKUMOS



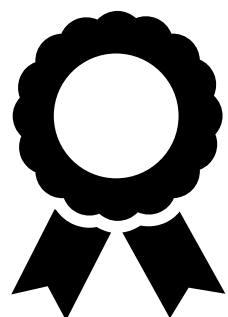
250 PROJEKTI

311 DALĪBAS

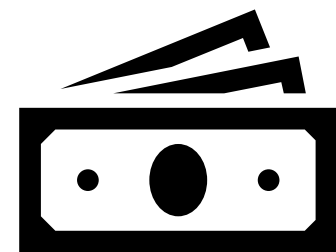


22 KOORDINATORI

289 PARTNERI



21,8% SEKMĪBA



74,4 M€ ES FINANSĒJUMS

eCORDA data 14.06.2024.

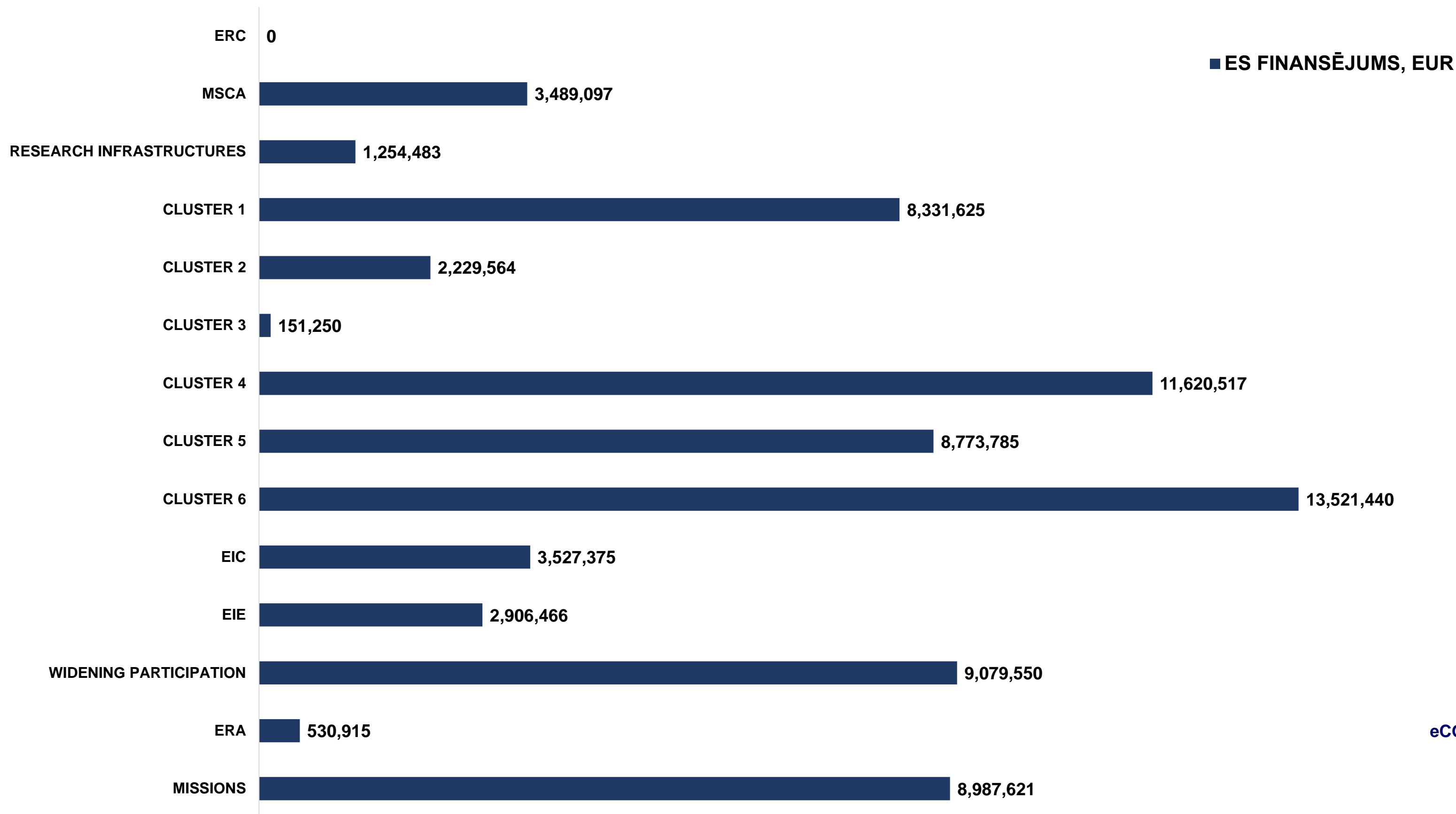
APVĀRSNIS
EIROPA

#NKP



Latvijas Zinātnes padome

APVĀRSNIS EIROPA STATISTIKA



eCORDA data 14.06.2024.



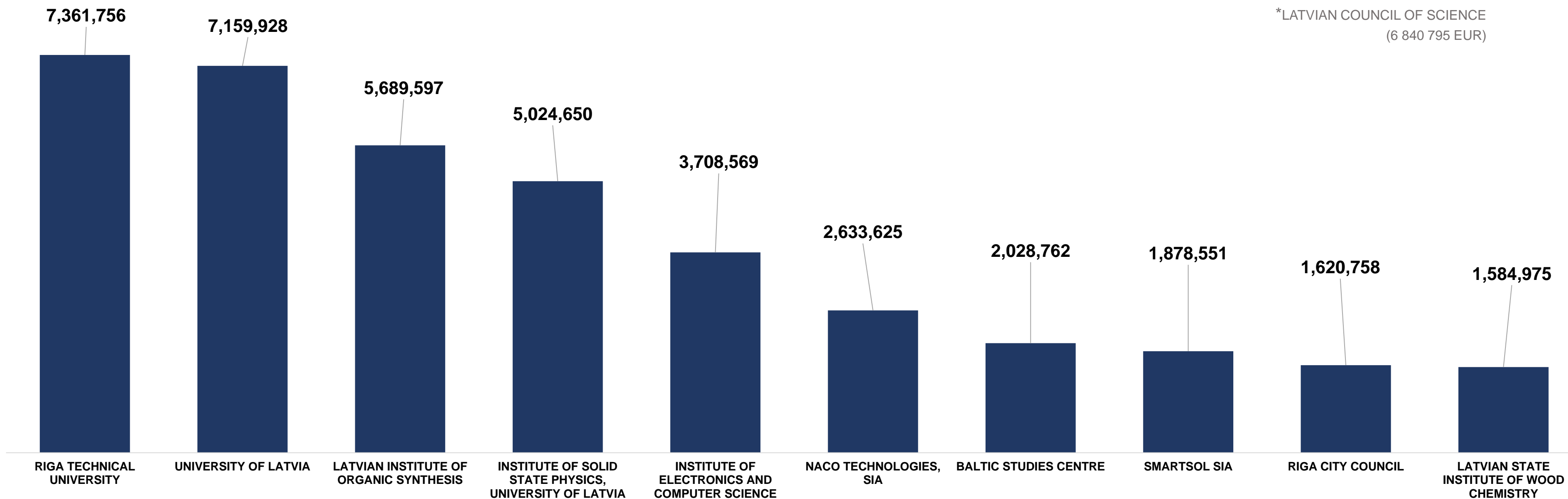
Latvijas Zinātnes padome

TOP 10 LATVIJAS DALĪBNIKI

■ ES FINANSĒJUMS, EUR

eCORDA data 14.06.2024.

*LATVIAN COUNCIL OF SCIENCE
(6 840 795 EUR)



Widera pasākumi un atbalsts

- Saņemt atbalstu var organizācija, kas ir reģistrēta **Zinātnisko institūciju reģistrā**; organizācija, kas ir **publiskas personas kapitālsabiedrības** vai meitas sabiedrības publiskas personas kapitāla daļu un kapitālsabiedrību pārvaldības likuma izpratnē.
- Atbalstu var saņemt, ja tīklošanas pasākums ir **"Apvāršnis Eiropa"** 2. pīlāra tematiskās kopas vai kopuzņēmumi (Joint Undertakings)/ Eiropas Partnerības (European Partnerships).
- Aktuālo tīklošanas pasākumu sarakstu skatīties [šeit](#)
- Vienam pasākumam tiek atbalstīti līdz **10 dalībniekiem** no vienas organizācijas;
- Maksimālais finansējuma apjoms kas ir pieejams vienam dalībniekam vienam braucienam ir līdz **1000 EUR**, ievērojot samērīguma principu.

Pasākumu saraksts

<https://www.ncpwideranet.eu/brokerage-events/>

When	Where	
23-26 September	Leeuwarden, Netherlands	European Water Technology Week 2024
24-25 September	Schaerbeek, Belgium	European Manufacturing Conference 2024
24-25 September	Kosice, Slovakia	1:1 meetings at SlovakiaTech 2024: THE FUTURE OF MOBILITY
23-24 October	Warsaw, Poland	Sustainable Economy in Horizon Europe International INSE 2024



Zane Zondaka

Vecākā eksperte - Dalības paplašināšana un izcilības izplatīšana

+371 29186382 zane.zondaka@lzp.gov.lv

Projekta pieteikuma priekšpārbaude

- Latvijas Zinātnes padome kopā ar WIDERA NET projekta partneriem piedāvā iespēju izmantot ekspertu datu bāzi, lai iesniegtu **projekta pieteikumus priekšpārbaudei**.
- Iespēju var izmantot tie interesenti, kuri gatavo projekta pieteikumu sekojošu programmu ietvaros:
- **II Pīlāra klasteros:** Veselība; Kultūra, jaunrade un iekļaujoša sabiedrība; Civilā drošība sabiedrībai; Digitālā joma, rūpniecība un kosmoss; Klimats, enerģētika un mobilitāte; Pārtika, bioekonomika, dabas resursi, lauksaimniecība un vide
- Dalības paplašināšana un izcilības izplatīšana (**Widening**)
- **Eiropas pētniecības un inovācijas sistēmas reformēšana un pilnveidošana**
- **Eiropas Inovāciju padome - Pathfinder**
- Iesniegt savu pieteikumu priekšpārbaudei var tikai **darba pakas vadītājs vai projekta koordinators**.
- Lai pieteiktos, dodies uz tīmekļa vietni - <https://wideraexperts.eu/>



Latvijas Zinātnes
padome

Adresātu saraksts

- Lai saņemtu aktuālo informāciju no Nacionālā kontaktpunkta – piesakies aizpildot google anketu [šeit](#)
- Piesakoties adresātu sarakstam, saņemsiet e-pastus par aktuālajiem konkursiem, pasākumiem, atbalsta mehānismiem un citiem jaunumiem



Latvijas Zinātnes
padome

<https://www.lzp.gov.lv/lv/apvarsnis-eiropa>



<https://www.linkedin.com/company/nkplv/>



@Apvārsnis EU Latvijas Nacionālais kontaktpunkts - HE NCP LV

6. klasteris

Pārtika, bioekonomika, lauksaimniecība, dabas resursi un vide



Līdzfinansē
Eiropas Savienība



Nacionālais
attīstības plāns



Latvijas Zinātnes
padome

AGRI &
ENVIRONMENT



1.1.1. specifiskā atbalsta mērķa "Pētniecības un inovāciju kapacitātes stiprināšana un progresīvu tehnoloģiju ieviešana kopējā P&A sistēmā" 1.1.1.5. pasākuma "Latvijas pilnvērtīga dalība Apvārsnis Eiropa programmā, tajā skaitā nodrošinot kompleksu atbalsta instrumentu klāstu un sasaisti ar RIS3 specializācijas jomu attīstīšanu" projekts "Atbalsts Latvijas dalībai starptautiskās pētniecības un inovācijas programmās". ietvaros

Kontaktpersonas 6. klasterim



Lāsma Brenča

Vecākā eksperte - Klimats, enerģētika un mobilitāte; Pārtika, bioekonomika, dabas resursi, lauksaimniecība un vide

+371 26686000 ✉ lasma.brenca@lzp.gov.lv



Aiga Salmiņa

Vecākā eksperte - Klimats, enerģētika un mobilitāte; Pārtika, bioekonomika, dabas resursi, lauksaimniecība un vide; Kopīgais pētniecības centrs

+371 26249604 ✉ aiga.salmina@lzp.gov.lv





Latvijas Zinātnes padome



EN

Horizon Europe

Work Programme 2023-2025

9. Food, Bioeconomy, Natural Resources, Agriculture and Environment

(European Commission Decision C(2024) 2371 of 17 April 2024)

6. klastera darba programma

The screenshot shows the 'EU Funding & Tenders Portal' interface. The top navigation bar includes 'Home', 'Funding', 'Procurement', 'Projects & results', 'News & events', 'Work as an expert', and 'Guidance & documents'. A search bar is located on the right. Below the navigation, the page title is 'Calls for proposals'. A brief description explains that these are funding opportunities issued by the European Union institutions. A 'More details' link is provided. On the left, there are filter options for 'Programming period', 'Horizon Europe (HORIZON)', 'Call', 'Submission status', and 'All filters'. The main content area shows 58 items found, with the first three results listed:

- Integrated peri-urban areas in the transition towards climate neutrality**
 HORIZON-MISS-2024-CIT-01-04 | Call for proposal
 Opening date: 17 September 2024 | Next deadline: 11 February 2025 | Single-stage
 Programme: Horizon Europe (HORIZON) | Type of action: HORIZON Innovation Actions
 Status: Forthcoming
- Zero-pollution cities**
 HORIZON-MISS-2024-CIT-01-02 | Call for proposal
 Opening date: 17 September 2024 | Next deadline: 11 February 2025 | Single-stage
 Programme: Horizon Europe (HORIZON) | Type of action: HORIZON Research and Innovation Actions
 Status: Forthcoming
- Mobility Management Plans and Behavioural Change**
 HORIZON-MISS-2024-CIT-01-03 | Call for proposal
 Opening date: 17 September 2024 | Next deadline: 11 February 2025 | Single-stage
 Programme: Horizon Europe (HORIZON) | Type of action: HORIZON Coordination and Support Actions
 Status: Forthcoming

[6. Klastera darba programma](#)

[EU Funding & Tenders Portal](#)

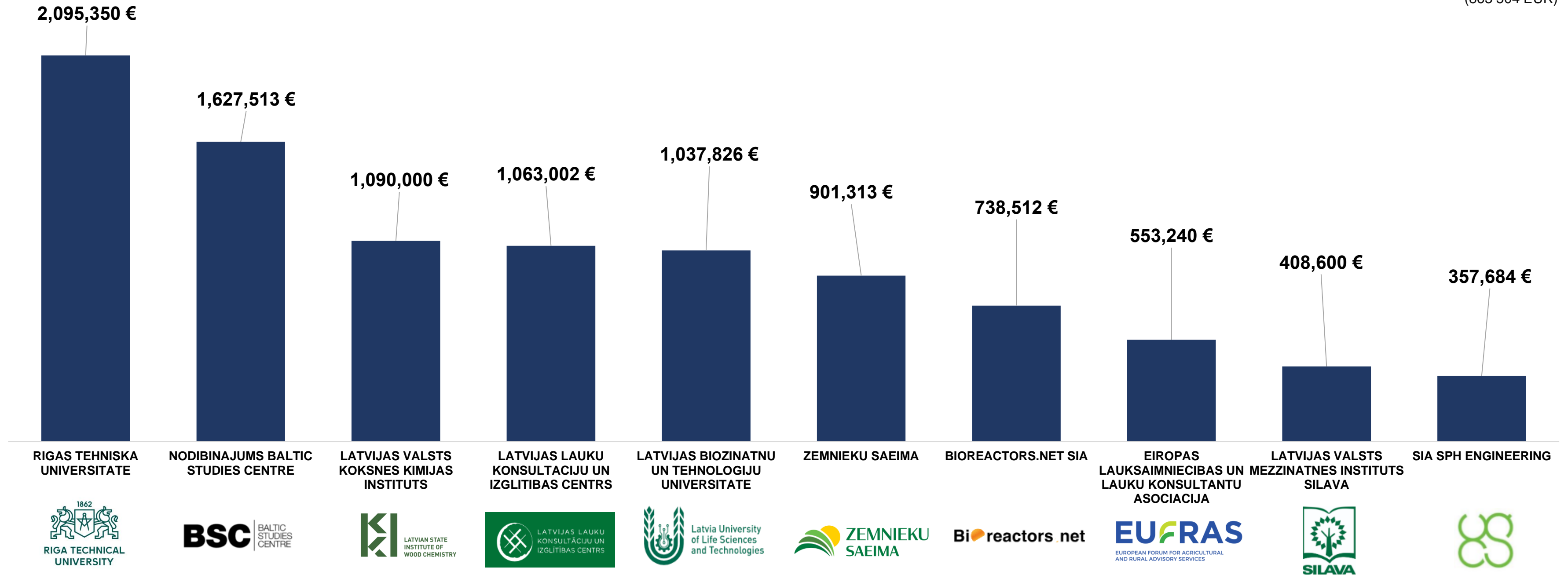
TOP 10 DALĪBNIEKI 6. KLAŠTERĪ

(IESKAITOT TEMATISKĀS PARTNERĪBAS)

■ EU NET CONTRIBUTION, EUR

eCORDA data 14.06.2024.

*LATVIAN COUNCIL OF SCIENCE
(863 504 EUR)



Atvērtie konkursi 6. klasterī

D2: Fair, healthy and environment-friendly food systems from primary production to consumption

Opening date: 8 May 2024 Deadline: 24 September 2024

Topic	Type of action, TRL	EU contribution per project (EUR million)	Number of projects to be funded
HORIZON-CL6-2024-FARM2FORK-03-1 Spotlight on plant priority pest: fall armyworm (<i>Spodoptera frugiperda</i>)	RIA	5	1

D5: Land, ocean and water for climate action

Opening date: 8 May 2024 Deadline: 24 September 2024

Topic	Type of action, TRL	EU contribution per project (EUR million)	Number of projects to be funded
HORIZON-CL6-2024-CLIMATE-02-1 New knowledge and innovations for climate-smart farming - connecting research stations	RIA	12	1
HORIZON-CL6-2024-CLIMATE-02-2 Closing the research gaps on Essential Biogeochemical Ocean Variables (EOVs) in support of global assessments	IA TRL 7-8	5	1
HORIZON-CL6-2024-CLIMATE-02-3 Overcoming barriers and delivering innovative solutions to enable the green transition	RIA	3-4	3



Latvijas Zinātnes
padome

CARE4BIO mājaslapa

Cluster 6
**FOOD, BIOECONOMY,
NATURAL RESOURCES,
AGRICULTURE &
ENVIRONMENT**



Destination 2: Fair, healthy and environment-friendly food systems from primary production to consumption

Policies and Strategies	Links	Links
'Fit for 55': delivering the EU's 2030 Climate Target on the way to climate neutrality	pdf	
European Green Deal	pdf	
United Nations Sustainable Development Goals	website	
Farm to Fork Strategy	pdf	
New Common Agricultural Policy	pdf	website
Common Fisheries Policy	pdf	
FOOD 2030 Policy Framework	pdf	
2030 Biodiversity Strategy	pdf	
EU Action Plan: Towards Zero Pollution for Air, Water and Soil	pdf	
EU Action Plan for the development of organic production	pdf	
Directives and Regulations		
European Partnership for Animal Health and Welfare (PAHW)	website	
Soils Mission Implementation Plan	pdf	
Restore our Ocean and Waters by 2030	pdf	
Knowledge Centre for Bioeconomy	website	
European Innovation Partnership for Agricultural Productivity and Sustainability (EIP-AGRI)	website	
European Partnership for a climate neutral, sustainable and productive Blue Economy (SBEP)	website	
European Partnership for Safe and Sustainable Food Systems	website	
EU-Africa Partnership on Food and Nutrition Security and Sustainable Agriculture (FNSSA)	website	
EIT FOOD	website	
Knowledge Centre for Global Food and Nutrition Security	website	
Africa Knowledge Platform	website	

Plašāka informācija atrodama [šeit](#)

Destination 5: Land Ocean and Water for Climate Action

Policies and Strategies	Link
European Green Deal	pdf
'Fit for 55': delivering the EU's 2030 Climate Target on the way to climate neutrality	pdf
Communication on carbon cycles	pdf
EU Methane Strategy	pdf
New EU Forestry Strategy for 2030	pdf
The Maritime Policy	pdf
Forging a climate-resilient Europe - the new EU Strategy on Adaptation to Climate Change	pdf
Directives and Regulations	
EU Climate Law Regulation The Climate Law includes: a legal objective for the Union to reach climate neutrality by 2050, an ambitious 2030 climate target of at least 55% reduction of net emissions of greenhouse gases as compared to 1990.	pdf
Water Framework Directive	website
Other Initiatives	
Soils Mission Implementation Plan	pdf
Restore our Ocean and Waters by 2030	pdf
EU-China cooperation under the Climate Change and Biodiversity (CCB) Flagship	website

Plašāka informācija [šeit](#)



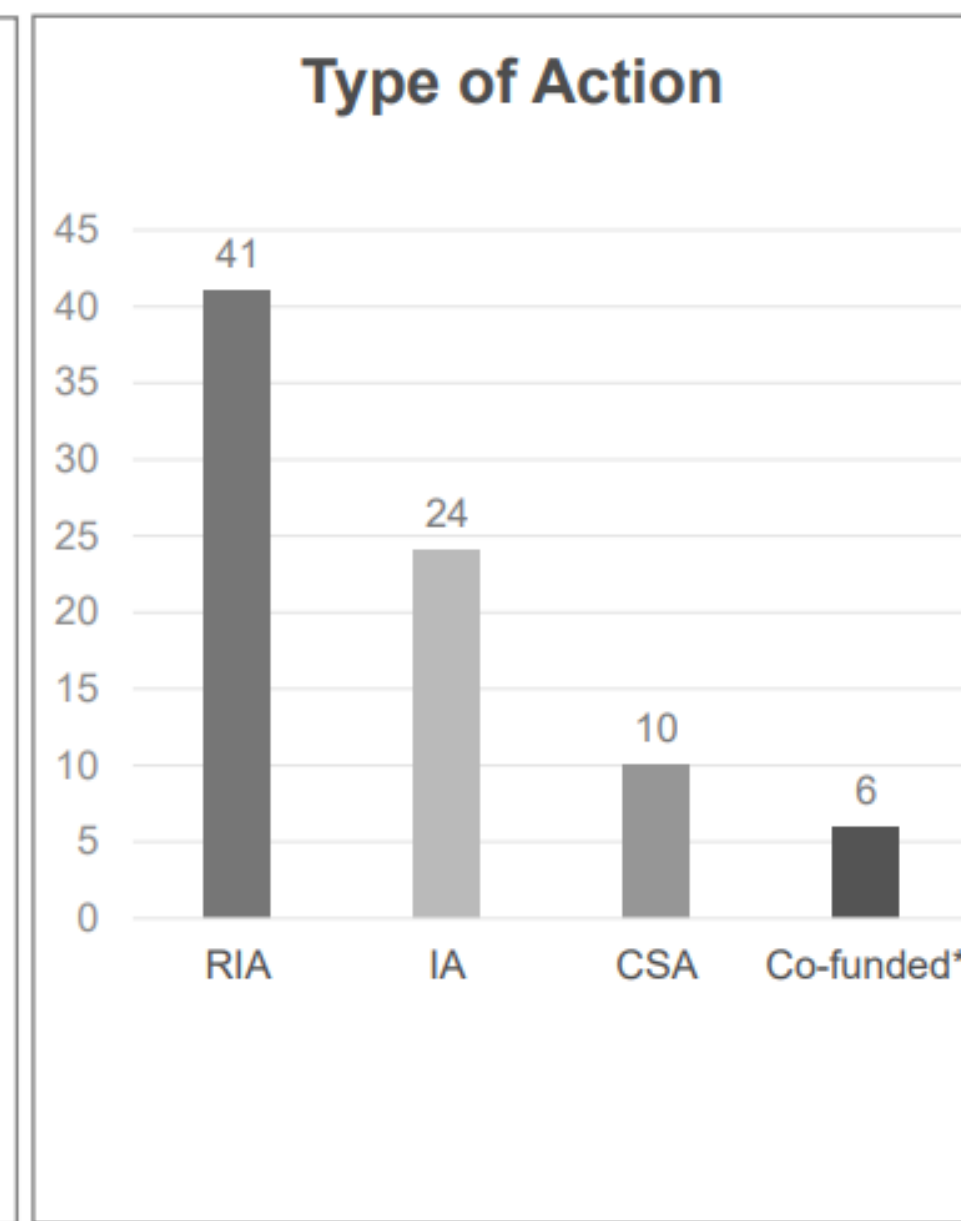
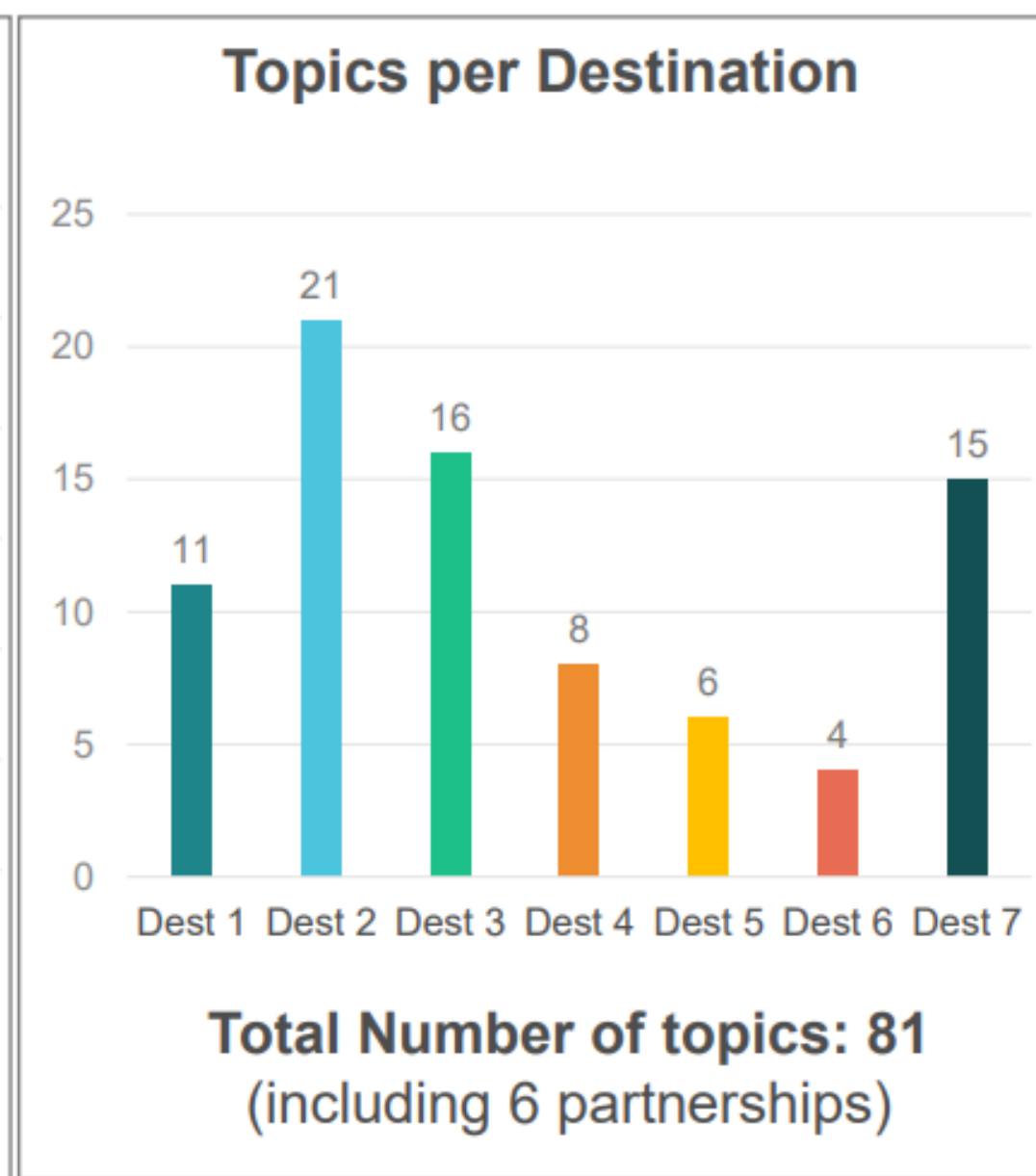
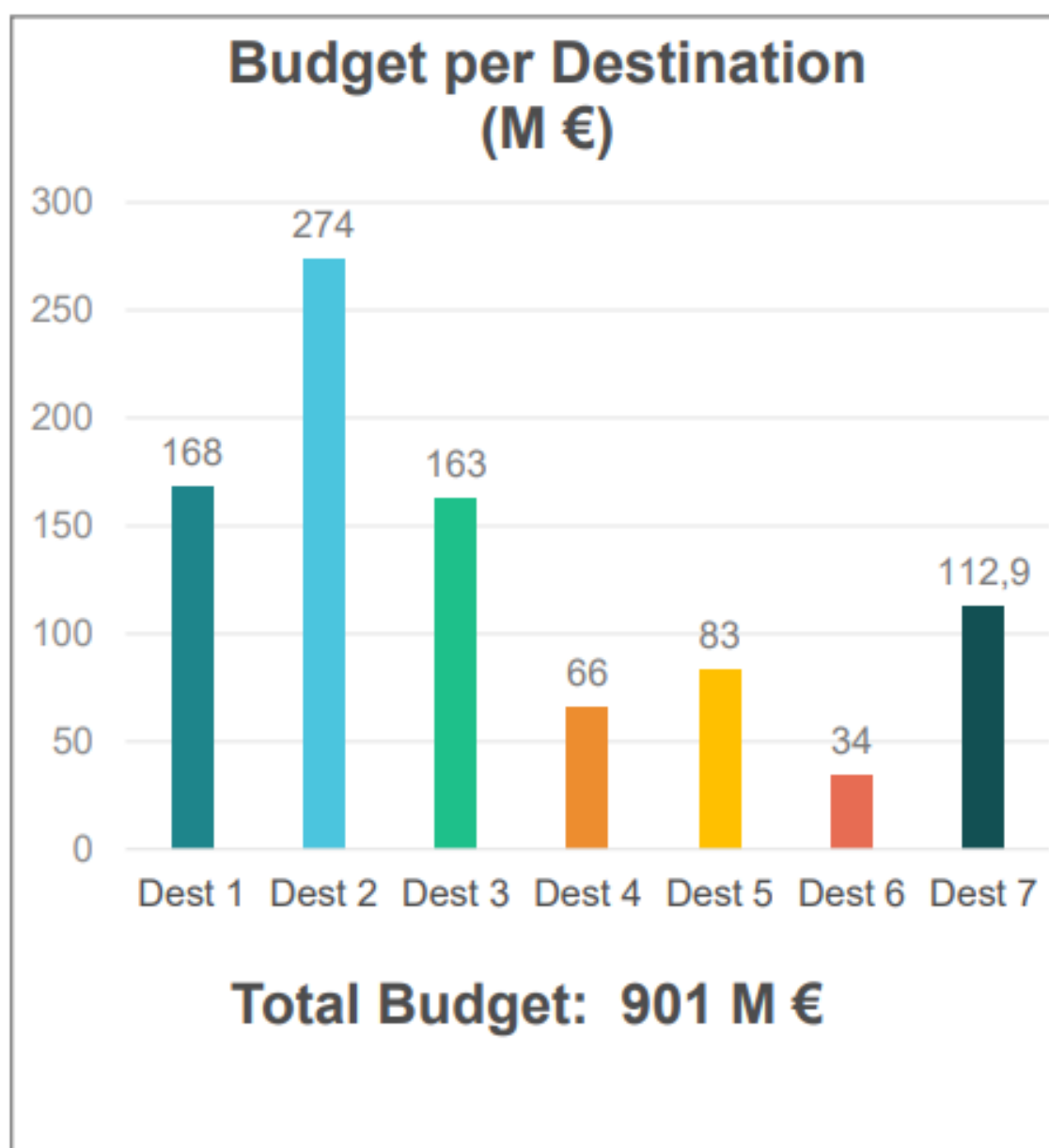
APVĀRSNIS
EIROPA

#NKP

Tematikas CL6 darba programmā (2025.g.)

Expected impact (Strategic Plan 2025-2027)	Destination (Cluster 6 work programme)
27. Veicināt klimata pārmaiņu mazināšanu un pielāgošanos jomās un nozarēs, kuras aptver 6. klasteris.	Destination 5: Land, oceans and water for climate action
28. Nodrošināt bioloģiskās daudzveidības atveseļošanos, kā arī aizsargāt un atjaunot ekosistēmas un to sniegtos pakalpojumus.	Destination 1: Biodiversity and ecosystem services
29. Panākt veselīgu augsni un mežus, kā arī tīru gaisu, svaigu ūdeni un jūras ūdeni, vienlaikus nodrošinot ūdens noturību un pāreju uz tīru, konkurētspējīgu un aprites ekonomiku un ilgtspējīgu bioekonomiku	Destination 3: Circular economy and bioeconomy sectors Destination 4: Clean environment and zero pollution
30. Nodrošināt veselīgu pārtiku un uztura drošību, padarot lauksaimniecību, zvejniecību, akvakultūru un pārtikas sistēmas ilgtspējīgas, noturīgas, iekļaujošas un atbilstošas planētas robežām.	Destination 2: Fair, healthy and environmentally friendly food systems from primary production to consumption
31. Ilgtspējīgi attīstīt lauku, pilsētu un piekrastes teritorijas	Destination 6: Resilient, inclusive, healthy and green rural, coastal and urban communities
32. Izstrādāt inovatīvus pārvaldības modeļus un rīkus, kas veicina ilgtspēju un noturību	Destination 7: Innovative governance, environmental observations and digital solutions in support of the Green Deal

2025. gada darba programmas pārskats



* Co-funded Partnerships: 1 New Co-fund (Sustainable Forests and Forestry) and 5 top-up Co-fund (Biodiversa+, Agroecology, PAHW, SFS, Water4All)

D1 - Biodiversity and ecosystem services



Type of action	N. Topics	N. expected grants	Approx budget (M EUR)
RIA	9	20	144
CSA	1	1	4
Co-Fund	1	1	20
Total	11	22	168

Additional funding for Biodiversa+ activities



- Enhanced focus on **Nature Restoration** compared to past WPs
- Headings changed to better reflect the content of the current topics and the evolution of the destination.
- **Consolidating biodiversity knowledge for nature and society:** Enhancing citizen science, improving taxonomy, and conducting large-scale biodiversity observations.
- **Restoring ecosystems for resilient society and economy:** Modeling ecosystem dynamics and socio-economic impacts and coordinating coral reef and associated ecosystems conservation.
- **Transformative change towards a nature positive economy:** Developing socio-economic models; improving knowledge and innovations to better communicate on biodiversity and restoration benefits.
- **Biodiversity friendly practices in agriculture:** supporting the implementation of nature restoration in agriculture and promoting resilient multi-stress crop breeding.

D2 - Fair, healthy and environmentally-friendly food systems from primary production to consumption



Type of action	N. Topics	N. expected grants	Approx budget (M EUR)
RIA	11	17	102
IA	6	11	65
CSA	1	1	2
Co-Fund	3	3	105
Total	21	32	274

Additional funding for the activities of the co-funded partnerships:

- Agroecology,
- Animal Health and Welfare and
- Sustainable Food Systems.



- **Enabling sustainable farming systems:** topics in the areas of water management, EU plant protein production, plant health risks, phytosanitary measures, grassland management, animal breeding for climate adaptation, on-farm innovations, and controlled environment agriculture.
- **Enabling sustainable fisheries and aquaculture:** topics focus on aquaculture production with emphasis on low-trophic species, and fisheries monitoring, control and surveillance.
- **Transforming food systems for health, sustainability and inclusion:** nutrition and mental health, awareness of alternative proteins, food safety, microbes producing nutrients, and food waste prevention and reduction at household level.
- **Targeted international cooperation:** a joint AU-EU AKIS and agroecology living labs and lighthouses under the FNSSA partnership, and nutrition in emergency situations.



D3 – Circular economy and bioeconomy sectors



Type of action	N. Topics	N. expected grants	Approx budget (M EUR)
RIA	4	8	32
IA	9	19	97
CSA	2	2	4
Co-Fund	1	1	30
Total	16	30	163

- **Safeguarding and sustainably innovating the multiple functions of EU forests: New partnership on Forests and Forestry for a Sustainable Future**
- **Open Topic:** Innovative actions are paving the way for sustainable and circular transformation among SMEs

Enabling a circular economy transition: circular business models, ecodesign requirements, and Product Environmental Footprint (PEF), Extended Producer Responsibility (EPR) schemes, consumption patterns and environmental awareness, innovative actions among SMEs, micro-indicators for the CE transition, and circular solutions in cities and regions.

Innovating for sustainable bio-based systems, biotechnology and the bioeconomy: Bioprospecting and optimized production of the terrestrial natural products: new opportunities for bio-based sectors, digitalization/AI of the bio-based value chains, support to the EU Biotechnology and Biomanufacturing Initiative, flexible energy supply for industrial bio-based systems, composting plants performances in Europe, the role of bio-based solutions in reconstructing areas affected by conflicts.

Innovating for blue bioeconomy and biotechnology value chains: Bioprospecting and optimised production of marine/aquatic natural products in the omics & artificial intelligence era

D4 – Clean environment and zero pollution



Type of action	N. Topics	N. expected grants	Approx budget (M EUR)
RIA	4	6	36
IA	3	5	28
CSA	1	1	2
Total	8	12	66

Main areas covered under this destination: monitoring and modeling systems for air quality policies, sustainability criteria for bio-based agricultural crops, pollutants from bio-based industries, environmental biotechnology for ecosystem restoration, monitoring aquatic litter including plastic pollution, the impacts of marine pollution on organisms and ecosystems, sustainable management solutions for water, nutrients, and resources in agriculture, and pollution from the food and drink industries.

D5 – Land, waters and ocean for climate action



Type of action	N. Topics	N. expected grants	Approx budget (M EUR)
RIA	4	8	45
IA	1	3	15
Co-Fund	1	1	23
Total	6	12	83

Additional funding for the activities of the co-funded partnership:



Main areas covered under this destination: ocean-climate-biodiversity nexus and marine carbon dioxide removal (mCDR), ocean-climate-biodiversity-people nexus, medium and longer-term challenges and opportunities for agriculture from shifting climatic zones, monitoring, reporting and verification of non-CO2 greenhouse gas emissions from agriculture, resilience of water systems and water sector to climate and global socio-economic change impacts

D6 – Resilient, inclusive, healthy and green rural, coastal and urban communities



Type of action	N. Topics	N. expected grants	Approx budget (M EUR)
RIA	2	3	16
IA	2	2	18
Total	4	5	34

Areas cover demographic trends in rural areas, access to housing in rural areas and developing the houses and villages of the future, resilient coastal communities in the Atlantic, urban co-creation spaces for driving sustainable food system transformation.

D7 – Innovative governance, environmental observations and digital solutions in support of the Green Deal



Type of action	N. Topics	N. expected grants	Approx budget (M EUR)
RIA	7	9	44,5
IA	3	6	41
CSA	5	6	27,4
Total	15	21	112,9

- **Innovating with governance models and supporting policies:** farmers bargaining power and interactions with the upstream and downstream operators of the EU agri-food supply chains, payments for environmental services with result-based and collective approaches, attractiveness of agriculture and the links between the farming community and society, operationalisation of bioeconomy sustainability principles, land use competition, bioeconomy networks, EU research area in BIOEAST countries.
- **Deploying and adding value to environmental observations:** environmental observing systems and associated governance, earth Intelligence to accelerate the green and digital transition, polar observation systems in response to user requirements at local, regional, and international level.
- **Digital and data technologies as key enablers:** sustainable rural development through digital twins for rural communities.
- **Strengthening agricultural knowledge and innovation systems (AKIS):** knowledge flows to practice, knowledge and skills of advisors, farmers, workforce and advisors' future knowledge and skills, implementation of projects with MAA approach



SINERĢIJAS

The Mission Soil

Mission's goal: 100 living labs
to lead the transition towards healthy soils by 2030.

*Living labs will test solutions including biotechnological
innovations*

EU IBISBA

European Research Infrastructure as a
single access point to researchers from
academia and industry

Research Infrastructures draft WP2025

European Innovation Council (pillar III)

Scaling up biotech innovators in draft WP
2025

Circular Bio-based Joint Undertaking

Example of leveraging public and
private investment

Draft WP 2025

Regional Innovation Valleys

New European Innovation Agenda:

Biotech for Food System

RIVs calls in draft 2025 HE WP

EU Bioeconomy Strategy

Review by end of 2025



Latvijas Zinātnes
padome

Tuvākie pasākumi

- 3.-6. septembris: [European Polar Science Week 2024](#) organizē Eiropas komisija un Eiropas kosmosa aģentūra (Dānija, Kopenhāgena)
- 12.-13. novembris, [European Mission Soil Week 2024](#), (Brisele un tiešsaite)
- 16.-20. septembris: [57th European Marine Biology Symposium \(embs2024.com\)](#), (Itālija, Naples)

2024 EUROPEAN POLAR SCIENCE WEEK

3 – 6 September 2024 | The Black Diamond | Copenhagen, Denmark



**EU
MISSIONS**
SOIL DEAL FOR EUROPE



57th European Marine Biology Symposium

Dedicated to the 800th anniversary of Federico II University and to the 150th anniversary of Anton Dohrn Zoological Station Naples

From the past to the future technologies for facing the challenges of marine biodiversity loss.

[CARE4BIO](#)



APVĀRSNIS
EIROPA

#NKP



Latvijas Zinātnes
padome

Paldies

Lāsma Brenča

Apvārsnis Eiropa
Nacionālā kontaktpunkta
Vecākā eksperte

Smilšu iela 8, Rīga, LV-1050

E-pasts: lasma.brenca@lzp.gov.lv



@apvarsnis



@Apvārsnis EU Latvijas Nacionālais
kontaktpunkts - HE NCP LV



<https://www.lzp.gov.lv/lv/apvarsnis-eiropa>



Līdzfinansē
Eiropas Savienība



Latvijas Zinātnes
padome