



Valsts izglītības
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Horizon Europe and National Contact Point

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www.viaa.gov.lv

14th April, 2021
Deep Tech Atelier



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Horizon Europe

Evolution of investment in research and innovation

throughout the
EU framework programmes



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#HorizonEU #InvestEUresearch #EUBudget



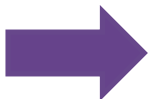
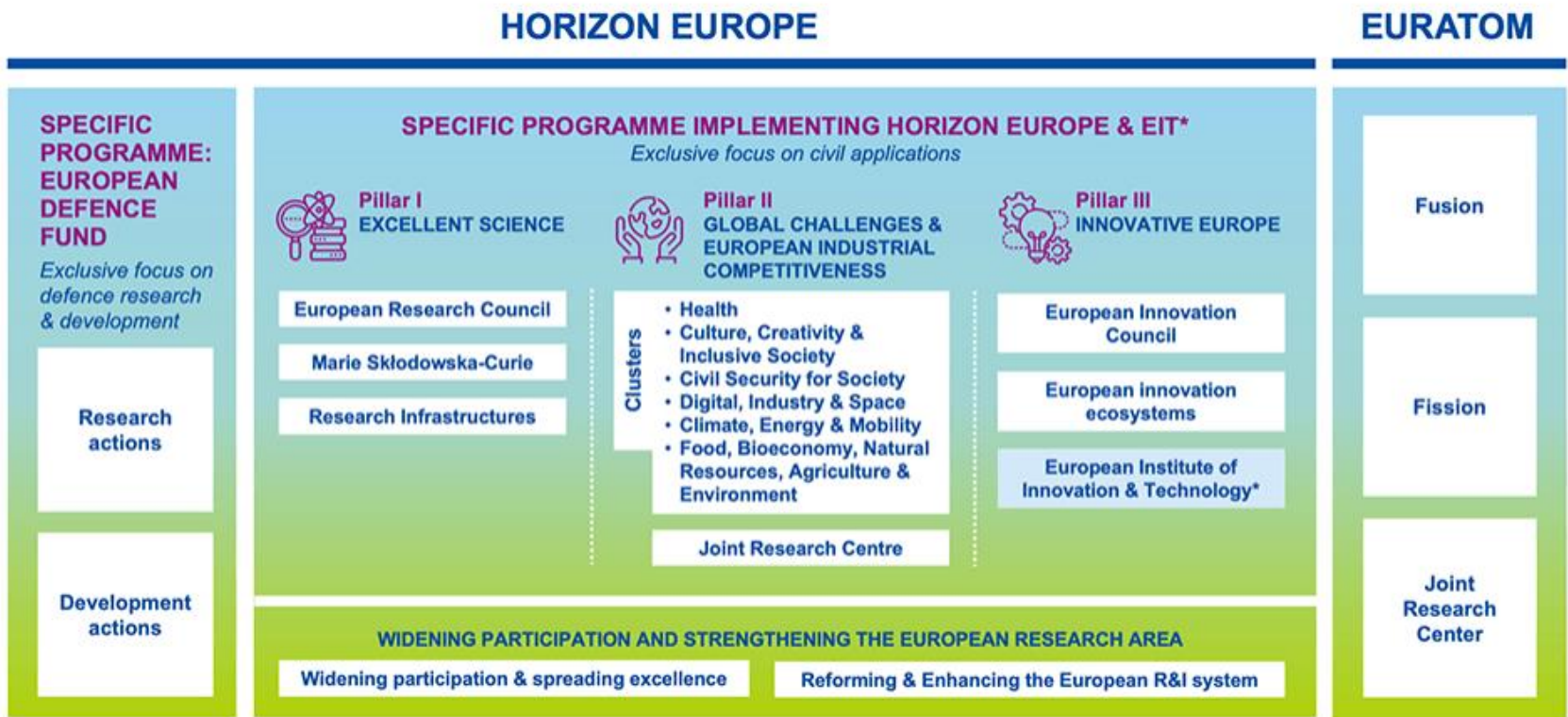
European
Commission



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Apvārsnis Eiropa – EK informatīvie resursi

Presentation outlining Horizon Europe in 23 languages.



ec.europa.eu/info/horizon-europe_en



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Apvārsnis Eiropa plānotais budžeta sadalījums

Political agreement December 2020

€ billion in current prices



■ Excellent Science

■ Global challenges and European ind. comp.

■ Innovative Europe

■ Widening Part and ERA



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Apvārsnis Eiropa plānotais budžeta sadalījums -1.pīlārs

EXCELLENT SCIENCE:

reinforcing and extending the **excellence of the Union's science base**

European Research Council

Frontier research by the
best researchers and their
teams

€16 billion

Marie Skłodowska- Curie Actions

Equipping researchers
with new knowledge
and skills through mobility
and training

€6.6 billion

Research Infrastructures

Integrated and inter-
connected world-class
research infrastructures

€2.4 billion

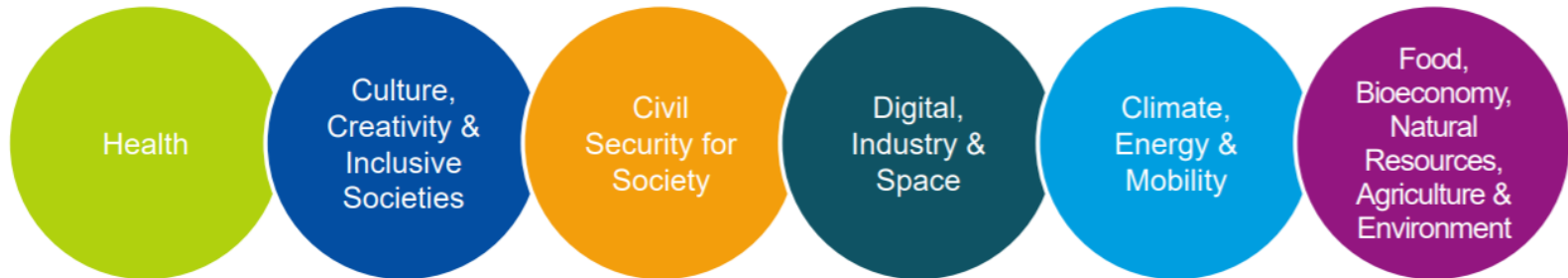


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Apvārsnis Eiropa plānotais budžeta sadalījums -2.pilārs

GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS:

boosting **key technologies** and solutions underpinning **EU policies & Sustainable Development Goals** (6 clusters and JRC – non-nuclear direct actions)



€53.5 billion



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Apvārsnis Eiropa plānotais budžeta sadalījums -2.pilārs

Cluster 1	Health	€8.246 billion (including €1.35 billion from NGEU)
Cluster 2	Culture, Creativity & Inclusive Societies	€2.280 billion
Cluster 3	Civil Security for Society	€1.596 billion
Cluster 4	Digital, Industry & Space	€15.349 billion (including €1.35 billion from NGEU)
Cluster 5	Climate, Energy & Mobility	€15.123 billion (including €1.35 billion from NGEU)
Cluster 6	Food, Bioeconomy, Natural Resources, Agriculture & Environment	€8.952 billion
	JRC (non-nuclear direct actions)	€1.970 billion

Clusters are including a budget for Partnerships and Missions
NGEU is Next Generation EU programme – Recovery Fund





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Apvārsnis Eiropa plānotais budžeta sadalījums -3.pīlārs

INNOVATIVE EUROPE:

stimulating **market-creating breakthroughs** and **ecosystems** conducive to innovation

European Innovation Council

Support to innovations
with breakthrough and
market creating potential

The budget: **€10.6 billion**, incl. up to **€527 million**
for ecosystems (including NGEU – Recovery Fund parts
dedicated to EIC).

European innovation ecosystems

Connecting with regional
and national innovation
actors

European Institute of Innovation and Technology (EIT)

Bringing key actors (research,
education and business)
together around a common
goal for nurturing innovation

circa **€3 billion**





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Apvārsnis Eiropa partnerības

Overview of 49 candidate European Partnerships

PILLAR II - Global challenges & European industrial competitiveness

CLUSTER 1: Health	CLUSTER 4: Digital, Industry & Space	CLUSTER 5: Climate, Energy & Mobility	CLUSTER 6: Food, Bioeconomy, Agriculture, ...
Innovative Health Initiative	Key Digital Technologies	Clean Hydrogen	Circular Bio-based Europe
Global Health Partnership	Smart Networks & Services	Clean Aviation	Rescuing Biodiversity to Safeguard Life on Earth
Transformation of health systems	High Performance Computing	Single European Sky ATM Research 3	Climate Neutral, Sustainable & Productive Blue Economy
Chemicals risk assessment	European Metrology (Art. 185)	Europe's Rail	Water4All
ERA for Health	AI-Data-Robotics	Connected and Automated Mobility (CCAM)	Animal Health & Welfare*
Rare diseases*	Photonics	Batteries	Accelerating Farming Systems Transitions*
One-Health Anti Microbial Resistance*	Made in Europe	Zero-emission waterborne transport	Agriculture of Data*
Personalised Medicine*	Clean steel – low-carbon steelmaking	Zero-emission road transport	Safe & Sustainable Food System*
Pandemic Preparedness* <i>Co-funded or co-programmed</i>	Processes4Planet	Built4People	
	Global competitive space systems**	Clean Energy Transition	
		Driving Urban Transitions	

PILLAR III - Innovative Europe

EIT	SUPPORT TO INNOVATION ECOSYSTEMS
InnoEnergy	Innovative SMEs
Climate	
Digital	
Food	
Health	
Raw Materials	
Manufacturing	
Urban Mobility	
Cultural and Creative Industries	

CROSS-PILLARS II AND III

European Open Science Cloud

- Institutionalised Partnerships (Art 185/7)
- Institutionalised partnerships / EIT KICs
- Co-Programmed
- Co-Funded

* Calls with opening dates in 2023-24

** Calls with opening dates not before 2022





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Apvārsnis Eiropa – Eiropas Inovāciju padome (*EIC*)

Pathfinder

- **Early stage research** on breakthrough technologies
- Grants up to €3/4 million
- Successor of FET (Open & Proactive)

Transition

- **Technology maturation** from proof of concept to validation
- **Business & market readiness**
- Grants up to €2.5 million

Accelerator

- **Development & scale up** of deep-tech/ disruptive innovations by startups/ SMEs
- Blended finance (grants up to €2.5 million; equity investment up to €15 million)
- Successor of SME instrument



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Eiropas Inovāciju padome (*EIC*)- finansējums 2021. gadā

Accelerator - Open	Apply any time (early stage screening)	~€593m (~50:50 grant/equity)
Accelerator – Challenges <ul style="list-style-type: none">• Green Deal innovations for the economic recovery• Strategic technologies: digital & health	Cutoffs for full applications in 9 June, 6 October	~€495m (~50:50 grant/equity)
Pathfinder - Open	19 May	~€168m
Pathfinder - Challenges <ul style="list-style-type: none">• Awareness inside• Measure & stimulate brain• Cell & gene therapies• Green Hydrogen• Engineered Living Materials	27 October	~€132m
Transition – Open	22 September	~€60m
Transition – Challenges <ul style="list-style-type: none">• Medtech & devices• Energy harvesting & storage		~€40m



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Apvārsnis Eiropa – EK informatīvie resursi



European
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Funding & tender opportunities

Single Electronic Data Interchange Area (SEDIA)

Home | SEARCH FUNDING & TENDERS | HOW TO PARTICIPATE | PROJECTS & RESULTS | WORK AS AN EXPERT | SUPPORT

Horizon Europe (HORIZON)

Type your Keywords...

Match whole words only

GRANTS TENDERS

Submission status

Forthcoming (8) | Open for submission (10) | Closed (1)

Programming period

2021 - 2027 (19)

Horizon Europe (HORIZON)

Funding and tenders (19)

[Need help?](#) Sort by: Submission status

Grant	Strategic Digital and Health Technologies		
Open for submission			
Programme	Horizon Europe (HORIZON)	Deadline model	multiple cut-off
ID	HORIZON-EIC-2021-ACCELERATORCHALLENGES-01-01	Opening date	08 April 2021
Types of action	HORIZON EIC Accelerator Blended Finance	Next deadline	09 June 2021 17:00:00 Brussels time

Grant	Facing Societal Challenges Award		
Open for submission			
Programme	Horizon Europe (HORIZON)	Deadline model	single-stage
ID	HORIZON-EIC-2021-	Opening date	14 April 2021



ec.europa.eu/info/funding-tenders/opportunities/portal/screen/programmes/horizon

Avots: EK



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Apvārsnis Eiropa – Darba programmas

Annex 4

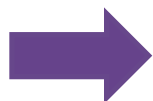
Horizon Europe

Work Programme 2021-2022

4. Health

DISCLAIMER

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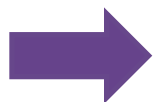
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Apvārsnis Eiropa – neoficiālie informatīvie resursi

HORIZON-HLTH-2022-DISEASE-07-03: Non-communicable diseases risk reduction in adolescence and youth¹²⁷

Specific conditions	
<i>Expected EU contribution per project</i>	The EU estimates that an EU contribution of around EUR 3.00 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.
<i>Indicative budget</i>	The total indicative budget for the topic is EUR 25.00 million.
<i>Type of Action</i>	Research and Innovation Actions

Expected Outcome: This topic aims at supporting activities that are enabling or contributing to one or several expected impacts of destination 3 “*Tackling diseases and reducing disease burden*”. To that end, proposals under this topic should aim for delivering results that are directed, tailored towards and contributing to some of the following expected outcomes:



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Avots: SB



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Apvārsnis Eiropa – neoficiālie informatīvie resursi

Indicative budget(s)¹²⁴

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million) ¹²⁵	Number of projects expected to be funded
		2022		
Opening: 06 Oct 2021 Deadline(s): 21 Apr 2022				
HORIZON-HLTH-2022-DISEASE-07-01	CSA	2.00	Around 2.00	1
HORIZON-HLTH-2022-DISEASE-07-02	RIA	10.00	Around 3.00	3
HORIZON-HLTH-2022-DISEASE-07-03	RIA	25.00	Around 3.00	8
Overall indicative budget		37.00		



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Apvārsnis Eiropa – neoficiālie informatīvie resursi

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million) ⁸	Number of projects expected to be funded
		2021		
Opening: 22 Apr 2021				
Deadline(s): 21 Sep 2021				
HORIZON-HLTH-2021-STAYHLTH-01-02	RIA	60.00	Around 10.00	6
HORIZON-HLTH-2021-STAYHLTH-01-03	CSA	3.00	Around 3.00	1
HORIZON-HLTH-2021-STAYHLTH-01-04	CSA	3.00	Around 3.00	1
HORIZON-HLTH-2021-STAYHLTH-01-05	CSA	3.00	Around 3.00	1
Overall indicative budget		69.00		



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Kā piedalīties?



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Funding & tender opportunities Single Electronic Data Interchange Area (SEDIA)

English

Register

Login



SEARCH FUNDING & TENDERS ▾

HOW TO PARTICIPATE ▾

PROJECTS & RESULTS

WORK AS AN EXPERT

SUPPORT ▾

Key steps

Reference documents

Participant register

Partner search

How to participate

Key steps - Learn how to find and apply for suitable EU funding and tender opportunities

1

FIND

a call

2

FIND

partners

3

CREATE

your account

4

REGISTER

your organisation

5

SUBMIT

a proposal

Find a suitable call for proposal

Need help?

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/how-to-participate/1/1>



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Apvārsnis Eiropa – EK informatīvie resursi



European
Commission

Funding & tender opportunities

Single Electronic Data Interchange Area (SEDIA)



SEARCH FUNDING & TENDERS

HOW TO PARTICIPATE

PROJECTS & RESULTS

WORK AS AN EXPERT

SUPPORT

Horizon Europe (HORIZON)

Horizon Europe consists of three pillars and one horizontal activity:



Pillar 1

Excellent Science

[European Research Council](#)

[Marie Skłodowska-Curie Action](#)

[Research Infrastructures](#)



Pillar 2

Global Challenges and European
Industrial Competitiveness

Clusters:

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



Pillar 3

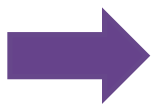
Innovative Europe

[European Innovation Council](#)

[European Innovation ecosystems](#)

[European Institute of Innovation and Technology](#)

Widening Participation and Strengthening the European Research Area



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Avots: EK



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Apvārsnis NKP individuālas konsultācijas, semināri, u.c.

[Mājaslapa](#), [Facebook](#),
[Youtube](#) (Apvārsnis dalības veiksmes stāsti)



- Nacionālais kontaktpunkts ir profesionāls Apvārsnis 2020 atbalsta dienests, kas darbojas valsts līmenī.
- 513 cilvēki like this including 1 of your friends
-
- 629 people follow this
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- http://viaa.gov.lv/lat/zinatnes_inovācijas_pogr/apvarsnis_2020_red/petniec_kontaktnfo/
- 67 359 072
- Sūtīt ziņu
- nkp@viaa.gov.lv



Apvārsnis 2020 Latvijas Nacionālais kontaktpunkts -
H2020 NCP LV
17 st. · 🌐

👏 Eiropas Pētniecības padome [European Research Council](#) publicē darba programmu 2021.gadam. Starting grant projekta konkursa atvēršana jau 25.februārī

Šodien, 22. februārī, Eiropas Komisija apstiprināja Eiropas Pētniecības padomes (EPP) Zinātniskās padomes izveidoto darba programmu 2021. gadam. Šī darba programma ir pirmā, kas apstiprināta saskaņā ar Eiropas Savienības Pētniecības un inovācijas pamatprogrammu [#ApvārsnisEiropa](#) 2021. – 2027. gadam.

EPP 2021. gadā plāno pieš... [Skatīt vairāk](#)





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NKP pamatfunkcijas

Apvārsnis Eiropa

Apvārsnis 2020

Atbalstītie projekti

Jaunumi Pasākumi Izsludinātie konkursi



Uz sākumu » Starptautiskās pētniecības programmas » Apvārsnis 2020 » Nacionālais kontaktpunkts



■ [Apvārsnis Eiropa Nacionālā kontaktpunkta eksperti \(plānoti\)](#)

■ [Apvārsnis 2020 Nacionālā kontaktpunkta eksperti](#)

Apvārsnis Eiropa Nacionālā kontaktpunkta eksperti (plānoti)

Individuālas un organizāciju konsultācijas par programmu *Apvārsnis Eiropa* iespējamas pēc iepriekšējas vienošanās ar tematisko ekspertu. Neskaidrību gadījumā lūdzam komunicēt ar NKP koordinatoru Jāni Ancānu.

Eksperts/ Expert	NCP function	NKP tematika	Kontakti/ Contact details
Jānis Ancāns	NCP Coordinator	NKP koordinators	janis.ancans@viaa.gov.lv 67358451 26494422
	Health	Veselība	
	European Institute of Innovation and Technology (EIT)	Eiropas Inovāciju un tehnoloģiju institūts	



viaa.gov.lv/lat/zinatnes_inovacijas_progr/apvarsnis_2020_red/progr_petn_jaunumi/



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Atbalstītie projekti

Jaunumi

Pasākumi

Izsludinātie konkursi



2019

2020

2021

[Uz sākumu](#) » [Starptautiskās pētniecības programmas](#) » [Apvārsnis 2020](#) » [Izsludinātie konkursi](#)

Izsludināts Eiropas Inovāciju padomes Akseleratora programmas jauktā finansējuma konkurss

09.04.2021



2021. gada 8. aprīlī Eiropas Inovāciju padome (*European Innovation Council, EIC*) ir atvērusi programmas *Apvārsnis Eiropa* Akseleratora programmas jauktā finansējuma konkursu (*EIC Accelerator Blended Finance call*). EIC Akselerators atbalsta mazos un vidējos uzņēmumus (MVU), jo īpaši jaunizveidotus uzņēmumus (*start-up*) un *spinout* uzņēmumus, lai izstrādātu un ievestu tirgū novatoriskas inovācijas. Dažos gadījumos atbalstītu saņem arī mazie uzņēmumi ar vidēju kapitālu (*midcap*, līdz 500 darbiniekiem).

[Lasīt vairāk »](#)

Apvārsnis Eiropa publicē ārkārtas projektu konkursus par Covid-19 tematiku

07.04.2021



Eiropas Komisijas Finansējuma un iepirkumu portālā *Funding&Tenders* 7. aprīlī ir publicēta informācija par četriem ārkārtas projektu konkursiem par *Covid-19* tematiku. Kopējais pieejamais finansējums pārsniedz 100 miljonus eiro.

[Lasīt vairāk »](#)

 viaa.gov.lv/lat/zinatnes_inovacijas_progr/apvarsnis_2020_red/atvertie_konkursi/



Paldies!

#HorizonEU

<http://ec.europa.eu/horizon-europe>