

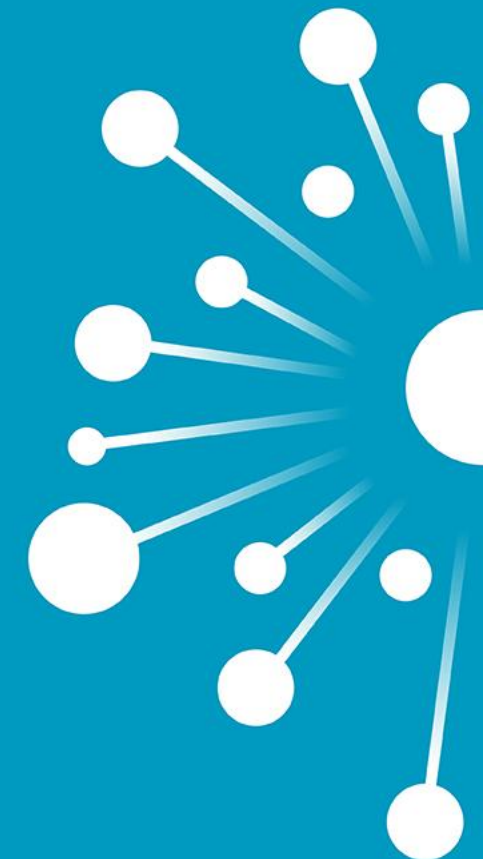
INFORMATIVNI DAN
Novosti programa Obzorje Evropa
Delovni program 2026-2027

GROZD 4 – INDUSTRIJA
(materiali, surovine in industrijski procesi)

Doroteja Zlobec

doroteja.zlobec@gov.si

Ministrstvo za visoko šolstvo, znanost in inovacije



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

* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme

**MREŽA
NACIONALNIH
KONTAKTNIH TOČK**
Obzorje Evropa



2. Steber – tematski grozdi

SODELOVALNI PROJEKTI

interdisciplinarni pristop

medsektorsko, čezmejno in mednarodno sodelovanje

najrazličnejše ravni tehnološke pripravljenosti (TRL)



Obzorje Evropa: Strateško načrtovanje

Strateški načrt za naložbe v raziskave in inovacije v okviru programa Obzorje Evropa za leta 2025-2027

Strategic plan: https://research-and-innovation.ec.europa.eu/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe/strategic-plan_en

Ključni elementi:

- **3 ključne strateške usmeritve** za raziskovalne in inovacijske dejavnosti v okviru Obzorja Evropa v letih 2025-2027
- **32 pričakovanih vplivov** (*expected impacts*), razdeljenih po grozdih
- 9 novih so-programiranih in so-financiranih evropskih **partnerstev**
- Misije EU in pregled njihovih dosežkov v prvih letih
- New European Bauhaus Facility



Obzorje Evropa: Strateško načrtovanje

3 strateške usmeritve:

- Zeleni prehod
- Digitalni prehod
- Bolj odporna, konkurenčna, vključujoča in demokratična Evropa

Odprta strateška avtonomija in zagotavljanje vodilne vloge Evrope pri razvoju in uvajanju ključnih tehnologij sta splošni načeli, ki veljata za vse 3 ključne strateške usmeritve.



Strateški dokumenti, podlaga WP 26-27

EU Industrijska strategija

odpornost, konkurenčnost, digitalizacija, strateške vrednostne verige

Digitalni kompas 2030

digitalne veščine, infrastruktura, podatki/AI, javne storitve

Evropski zeleni dogovor & Krožno gospodarstvo

podnebna nevtralnost, trajnost, obnovljivi viri, recikliranje

Akt o kritičnih surovinah (Critical Raw Materials Act)

surovine, dobavne verige, zanesljivost, recikliranje

Akt za industrijo z ničelnimi emisijami (Net-Zero Industry Act)

čiste tehnologije, domača proizvodnja, dovoljenja, konkurenčnost

Agenda za evropski raziskovalni prostor (ERA Policy Agenda)

raziskave, inovacije, mobilnost znanja, odprta znanost

EU strategija za napredne materiale

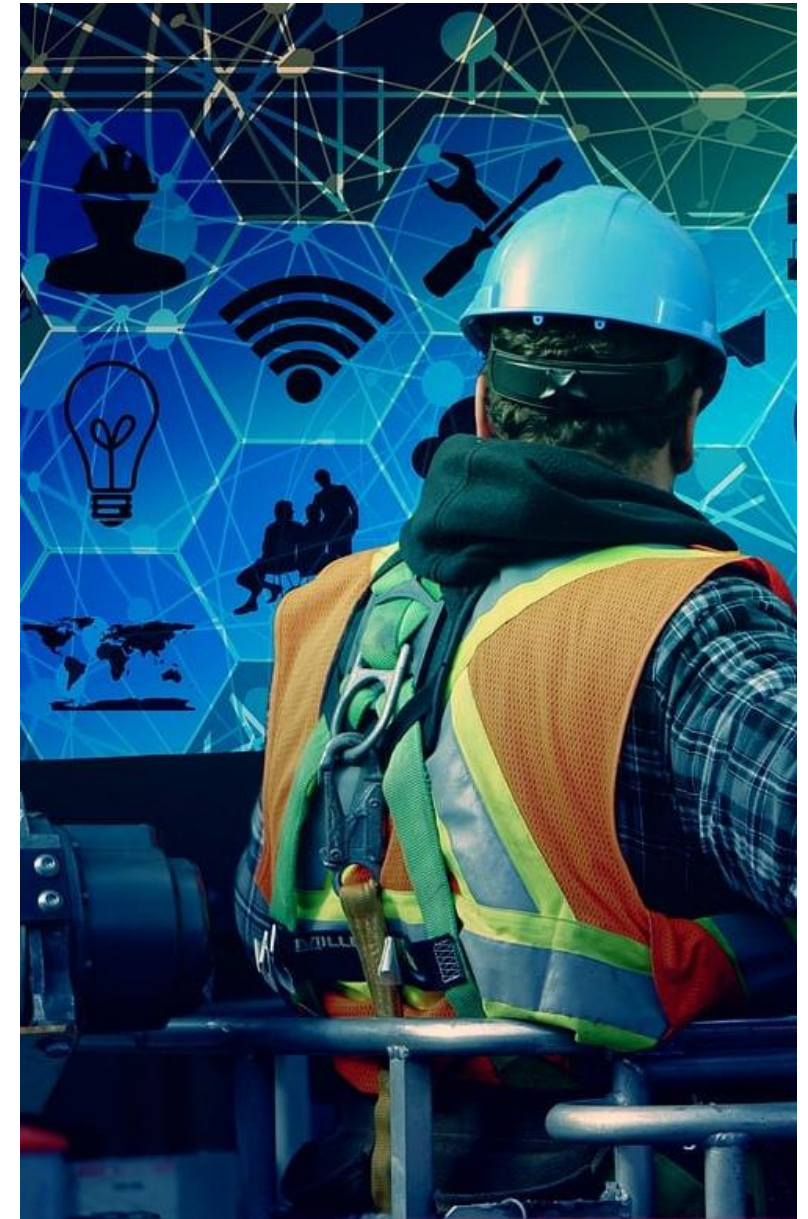
materiali, inovacije, testiranje/pilotni projekti, strateška avtonomija



Grozd 4 - INDUSTRIJA

CILJI:

- Vzpostavitev konkurenčne, **digitalne, nizkoogljične** in **krožne industrije**
- Krepitev zmogljivosti in zagotavljanje **suverenosti Evrope** vzdolž celotne vrednostne verige
- Zagotavljanje trajnostne oskrbe s **surovinami**
- Razvoj **naprednih materialov** in zagotovitev podlage za napredek in inovacije v zvezi z globalnimi družbenimi izzivi



HORIZON-CL4-2027-01-MAT-PROD-22: Innovative advanced materials and new production processes – reducing dependencies on Critical and Strategic Raw Materials (IA)
(Innovative Advanced Materials for the EU and Processes4Planet partnerships)

2. februar 2027



EU PARTNERSTVA

PILLAR II - Global challenges & European industrial competitiveness

CLUSTER 1: Health	CLUSTER 2: Culture, Creativity, Inclusive Societies	CLUSTER 4: Digital, Industry & Space	CLUSTER 5: Climate, Energy & Mobility
Innovative Health Initiative	Resilient Cultural Heritage*	Chips (formerly KDT)	Clean Hydrogen
Global Health Partnership	Social Transformations and Resilience*	Smart Networks & Services	Clean Aviation
Transformation of health systems		High Performance Computing	Single European Sky ATM Research 3
Chemicals risk assessment		European Metrology (Art. 185)	Europe's Rail
ERA for Health		AI-Data-Robotics	Connected and Automated Mobility
Rare diseases		Photonics	Batt4EU
One-Health Anti Microbial Resistance		Made in Europe	Zero-emission waterborne transport
Personalised Medicine		Clean steel – low-carbon steelmaking	Zero-emission road transport
Pandemic Preparedness		Processes4Planet	Built4People
Brain Health*		Global competitive space systems	Solar Photovoltaics*
		Innovative Materials for EU*	Clean Energy Transition
		Virtual Worlds*	Driving Urban Transitions
		Textiles of the Future*	
		Raw Materials for the Green and Digital	

■ Institutionalised partnerships (Art 185/7)

■ EIT KICs

■ Co-programmed

■ Co-funded

* Under preparation

PILLAR III - Innovative Europe

EUROPEAN INNOVATION ECOSYSTEMS
Innovative SMEs
EIT
InnoEnergy
Climate
Digital
Food
Health
Raw Materials
Manufacturing
Urban Mobility
Cultural and Creative Industries
Water, Marine and Maritime Sectors and Ecosystem*

CROSS-PILLARS I AND II



- Made in Europe (EFFRA): <https://www.effra.eu/made-in-europe-state-play/>
- Processes4Planet (A.SPIRE): <https://www.aspire2050.eu/p4planet/about-p4planet>
- Innovative Advanced Materials for the EU (IAM-I oziroma IAM4EU): <https://www.iam-i.eu/>
- Advanced Materials Initiative (AMI2030): <https://www.ami2030.eu/>
- Clean Steel partnerships: <https://www.estep.eu/clean-steel-partnership>



Horizon Europe

Work Programme 2026-2027

7. Digital, Industry and Space

Destinacije:

- **MAT-PROD: Leadership in materials and production for Europe**
(doroteja.zlobec@gov.si)
- DATA: Developing an agile and secure single market and infrastructure for data-services and trustworthy artificial intelligence services
(andreja.umek-venturini@gov.si)
- DIGITAL-EMERGING: Achieving open strategic autonomy in digital and emerging enabling technologies (andreja.umek-venturini@gov.si)
- SPACE: Open Strategic Autonomy in Developing, Deploying and Using Global Space-Based Infrastructure, Services, Applications and Data (ivan.skubic@gov.si)
- HUMAN: Digital and industrial technologies driving human-centric innovation
(andreja.umek-venturini@gov.si)



Destination: Leadership in materials and production for Europe MAT-PROD

- Sustainable Advanced Materials, Raw Materials and Chemicals
- Fast-tracking Circularity
- Disruptive technologies for carbon capture and clean energy use
- Technology infrastructure, knowledge valorisation and support for scaleups and startups
- Raw materials
- Innovative Advanced Materials-based Technologies



Destination: Leadership in materials and production for Europe

Sustainable Advanced Materials, Raw Materials and Chemicals

- HORIZON-CL4-2026-02-MAT-PROD-21-two-stage: Development of safe and sustainable alternatives to substances of concern (IA) 17. marec 2026, 13. oktober 2026
- HORIZON-CL4-2027-01-MAT-PROD-22: Innovative advanced materials and new production processes – reducing dependencies on Critical and Strategic Raw Materials (IA) (Innovative Advanced Materials for the EU and Processes4Planet partnerships) 2. februar 2027
- HORIZON-CL4-2026-01-MAT-PROD-23: Accelerating the discovery and development of chemicals and innovative advanced materials through digitalisation and artificial intelligence (IA) (Innovative Advanced Materials for the EU partnership) 21. april 2026
- HORIZON-CL4-2026-01-MAT-PROD-24: Cooperation on innovative advanced materials with Japan (CSA) 21. april 2026 (samo 1 projekt)



Destination: Leadership in materials and production for Europe

Fast-tracking Circularity

- HORIZON-CL4-2026-01-MAT-PROD-01: Advanced manufacturing for key products (IA) (Made in Europe partnership) 21. april 2026
- HORIZON-CL4-2027-01-MAT-PROD-02: Advanced manufacturing for key products (IA) (Made in Europe partnership) 2. februar 2027
- HORIZON-CL4-2027-01-MAT-PROD-03: Factory processes and automation for de- and re-manufacturing (RIA) (Made in Europe partnership) 2. februar 2027
- HORIZON-CL4-2026-01-MAT-PROD-04: Optimise the usage of resources in a circular economy (RIA) (Processes4Planet and Clean Steel partnerships) 21. april 2026



Destination: Leadership in materials and production for Europe

Fast-tracking Circularity

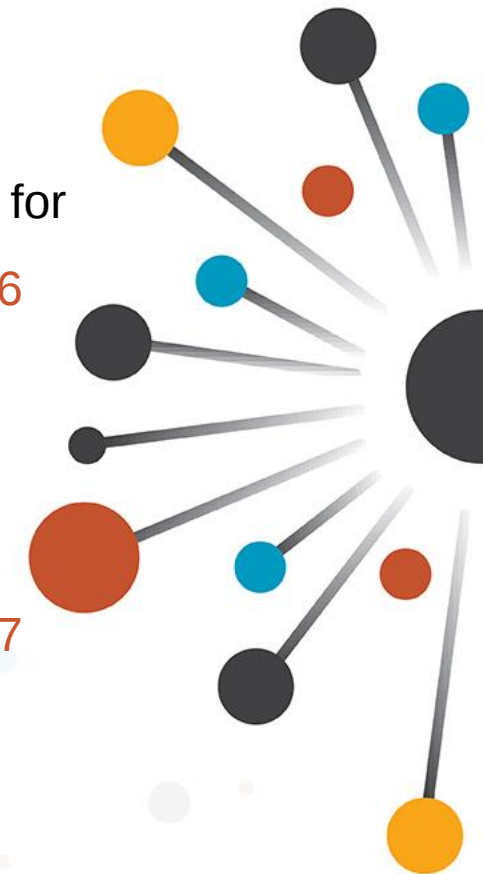
- HORIZON-CL4-2026-01-MAT-PROD-05: Circular innovative advanced materials: facilitating the transition from design to markets (RIA) ([Innovative Advanced Materials for the EU and Made in Europe partnerships](#)) 21. april 2026
- HORIZON-CL4-2027-01-MAT-PROD-06: Circular innovative advanced materials: facilitating the transition from design to markets (RIA) ([Innovative Advanced Materials for the EU and Made in Europe partnerships](#)) 2. februar 2027
- HORIZON-CL4-2027-01-MAT-PROD-08: Textile circularity through advanced processing and manufacturing technologies and system approaches (IA) ([Textiles for the Future partnership](#)) 2. februar 2027



Destination: Leadership in materials and production for Europe

Disruptive technologies for carbon capture and clean energy use

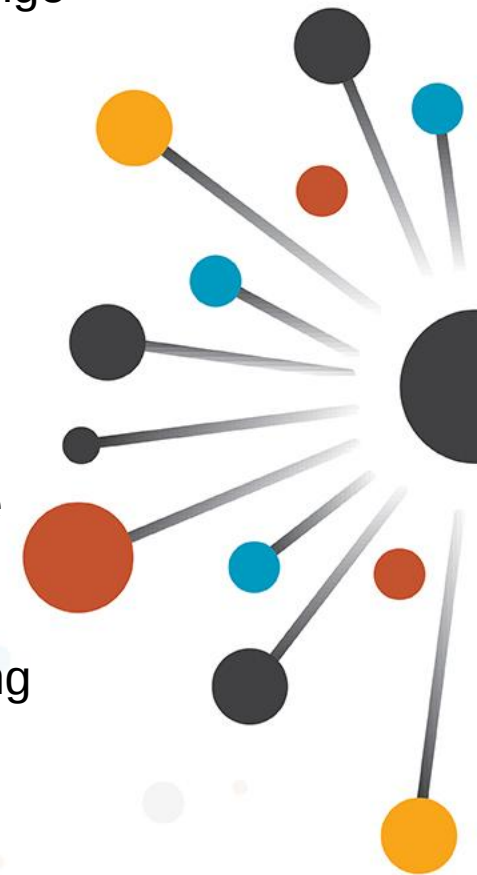
- HORIZON-CL4-2026-01-MAT-PROD-31: Efficient capture / purification / utilisation of CO₂ for the production of competitive products (RIA) ([Processes4Planet partnership](#)) 21. april 2026
- HORIZON-CL4-2027-02-MAT-PROD-32-two-stage: Efficient energy input from renewable sources and energy management in the process industries (IA) ([Processes4Planet and Innovative Advanced Materials for the EU partnerships](#)) 2. februar 2027, 2 september 2027



Destination: Leadership in materials and production for Europe

Technology infrastructure, knowledge valorisation and support for scaleups and startups

- HORIZON-CL4-2026-01-MAT-PROD-41: Enhancing industry-academia knowledge exchange in Social Sciences and Humanities (SSH) (CSA) 21. april 2026
- HORIZON-CL4-2027-01-MAT-PROD-42: Unlocking the potential of academic intellectual assets for industry, SMEs and startups (CSA) 2. februar 2027
- HORIZON-CL4-2027-01-MAT-PROD-61: Fast Track to Research and Innovation for breakthroughs in industrial technologies (RIA) 2. februar 2027
- HORIZON-CL4-2027-01-MAT-PROD-62: Fast Track to Innovation for breakthroughs in the Chemical Industry Action Plan (RIA) 2. februar 2027
- HORIZON-CL4-2026-01-MAT-PROD-44: Attracting management talent for capacity building for Technology Infrastructures staff members (CSA) 21. april 2026 (samo 1 projekt)



Destination: Leadership in materials and production for Europe

Technology infrastructure, knowledge valorisation and support for scaleups and startups

- HORIZON-CL4-2026-01-MAT-PROD-45: Pilot access schemes to Technology Infrastructures for European startups, scaleups and innovative SMEs (CSA) 21. april 2026
- HORIZON-CL4-2026-01-MAT-PROD-46: Mapping and service finder for Technology Infrastructures (CSA) 1. april 2026 (samo 1 projekt)
- HORIZON-CL4-2027-01-MAT-PROD-47: Pilot access schemes to Technology Infrastructures for European startups, scaleups and innovative SMEs (CSA) 2. februar 2027
- HORIZON-CL4-2026-01-MAT-PROD-48: 'Proof of market' to improve valorisation and commercialisation of Horizon generated R&I results (IA) 21. april 2026 – 25 projektov po 200.000 EUR
- HORIZON-CL4-2027-01-MAT-PROD-49: 'Proof of market' to improve valorisation and commercialisation of Horizon generated R&I results (IA) 2. februar 2027 – 25 projektov po 200.000 EUR



Destination: Leadership in materials and production for Europe

Raw Materials

- HORIZON-CL4-2026-01-MAT-PROD-11: Innovative technologies and tools for exploration and data modelling of raw materials (RIA) 21. april 2026
- HORIZON-CL4-2026-01-MAT-PROD-12: Technologies for innovative extraction of critical raw materials (RIA) 21. april 2026
- HORIZON-CL4-2026-01-MAT-PROD-13: Monitoring of secondary raw materials (CSA) 21. april 2026 (samo 1 projekt)
- HORIZON-CL4-2026-01-MAT-PROD-14: Improving availability of secondary raw materials through recycling (IA) 21. april 2026



Destination: Leadership in materials and production for Europe

Raw Materials

- HORIZON-CL4-2027-01-MAT-PROD-16: Technologies for innovative processing of raw materials (IA) 2. februar 2027
- HORIZON-CL4-2027-01-MAT-PROD-17: Expert network on Critical raw materials (CSA) 2. februar 2027 (samo 1 projekt)



Destination: Leadership in materials and production for Europe

Innovative Advanced Materials-based Technologies

- HORIZON-CL4-2026-05-MAT-PROD-25: New or enhanced Innovative Advanced Materials (IAM) enabled sensing functionality (RIA) ([European Partnership Innovative Advanced Materials for the EU](#)) 15. februar 2027 (Call DIGITAL)



Horizon Europe
Work Programme 2026-2027

14. Horizontal Activities

Destinacije:

- **CID: R&I in Support of the Clean Industrial Deal** (doroteja.zlobec@gov.si)
- **RAISE: AI in science** (andreja.umek-venturini@gov.si)



Horizontal Calls

R&I in Support of the Clean Industrial Deal (CID)

- HORIZON-CID-2026-01-01: Decarbonisation of energy intensive industries (IA)
(Processes4Planet and Clean Steel partnerships) 15. september 2026
- HORIZON-CID-2027-01-01: Decarbonisation of energy intensive industries (IA)
(Processes4Planet and Clean Steel partnerships) 15. september 2027



Horizontal Calls

R&I in Support of the Clean Industrial Deal (CID)

- HORIZON-CID-2026-01-02: Clean Technologies for Climate Action 15. september 2026
- HORIZON-CID-2027-01-02: Clean Technologies for Climate Action 15. september 2027

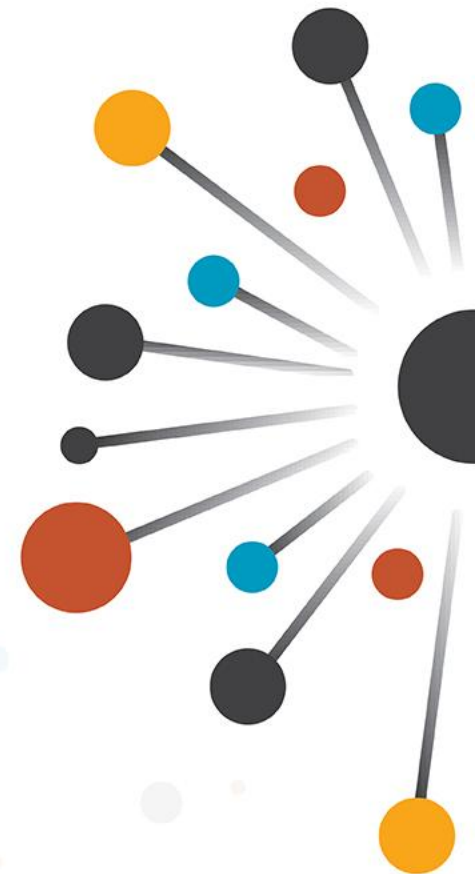


NAPREDNI MATERIALI

Advanced Materials for Industrial Leadership

- Technology Council for advanced materials
- So-programirano PARTNERSTVO: Innovative Materials for EU (IAM4EU)
- M-ERA.NET
- Advanced Materials Act – javna razprava (do 13. januar 2026):

https://ec.europa.eu/info/law/better-regulation/have-your-say/initiatives/14952-Advanced-Materials-Act_en



SUROVINE

Evropski akt o kritičnih surovinah

https://commission.europa.eu/strategy-and-policy/priorities-2019-2024/european-green-deal/green-deal-industrial-plan/european-critical-raw-materials-act_sl

So-financirano PARTNERSTVO

ERA-MIN/RAMP

<https://www.era-min.eu/partnership>

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„Osnutki“ delovnih programov

<https://ec.europa.eu/transparency/comitology-register/screen/documents>

REGISTER KOMITOLOGIJE

Odbori:

C70401 - strateški
(Horizontalni/CID razpisi)

C70408 – Grozd 4

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The screenshot shows the 'Register komitologije' (Comitology Register) website. The header includes the European Commission logo and the language 'SL'. The main navigation bar has links: Domov, Odbori, Sestanki, Dokumenti (selected), Letna poročila, and Nabori podatkov. Below the navigation bar, the breadcrumb 'Domov > Iskanje dokumentov' is visible. The main heading is 'Dokumenti'. On the left, there are search filters: 'Možnosti iskanja' (Search options) with fields for 'Odbor' (Committee) set to 'C70408', 'Sestanek' (Meeting) set to 'Izberi sejo', 'Oznaka dokumenta' (Document label) set to 'Izberi oznako - D000001', 'Vrsta dokumenta' (Document type) set to 'Izberi vrsto', and 'Postopek' (Procedure) set to 'Izberi postopek'. On the right, the results section is titled 'Dokumenti (276)'. It shows the selected committee 'Odbor C70408' and a button to 'Prikaži rezultate od 1 do 5'. The first result is displayed in a box: 'D107987/05 | Osnutek izvedbenega akta' (Draft of an implementing act), 'Commission Implementing Decision on the financing of the Specific Programme implementing Horizon Europe – the Framework Programme for Research and Innovation – and the adoption of the work programme for 2026-2027 – Part 7. Digital, Industry and Space.', 'CMTD(2025)2117 | 10/11/2025 - 24/11/2025', and 'C70408 | Posebnega programa za izvajanje okvirnega programa za raziskave in inovacije Obzorje Evropa – Digitalno, industrija in vesolje'.

EU Funding & Tenders Portal

 **EU Funding & Tenders Portal**

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[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.

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Filters
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[2021 - 2027](#) 
[Horizon Europe \(HORI...\)](#) 
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[Submission status](#) 
[All filters](#)

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[NGI Zero Commons Fund \(2026-04Z\)](#)
NGI0 Commons Fund | Cascade funding
Opening date: **01 February 2026** | Deadline date: **01 April 2026** | Single-stage
Programme: **Horizon Europe (HORIZON)**

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Reference documents

Filters
[2021 - 2027](#) 
[Horizon Europe \(HORI...\)](#) 

Programme [Horizon Europe \(HORIZON\)](#)
Grants
This page includes reference documents of the programmes managed on the EU Funding & Tenders portal starting with legal documents and the grant agreements and guides for specific actions. Please select the programme to see the reference documents.
Procurement
Reference Documents related to tendering opportunities are available directly on the calls for tenders pages. You may search tender opportunities menu.

 [Expand all](#) 

- > Legislation
- > Work programme & call documents
 - > 2021-2022
 - > 2023-2025
 - > 2025
 - > 2026-2027
 - > EIC Work Programme 2026
 - > ERC Work Programme 2026

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KETs 2026 EU Brokerage Event

- Dogodek v živo
- Iskanje novih partnerjev
- Obvezna prijava (počakajte potrditev s strani organizatorjev)

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Obzorje Evropa

4 February 2026 - 5 February 2026 | Karlsruhe, Germany

KETs 2026 EU Brokerage Event

Register now



KETs* 2026 – EU Brokerage Event

February 5, 2026 | Karlsruhe

*Get together
the day before!*



***Key Enabling Technologies**

Horizon Europe info days

- Trenutno še ni objavljen datum za Grozd 4



Info days

Horizon Europe info days – WIDERA Work Programme ERA calls

📅 Thursday 11 December 2025, 10:00 - 15:30 (CET)

📍 Online only

📺 Live streaming available



Info days

European Startup and Scaleup Hubs Pilot call

📅 Thursday 11 December 2025, 14:00 - 15:00 (CET)

📍 Online only

📺 Live streaming available



Info days

Horizon Europe info days - Cluster 5

📅 Thursday 15 January 2026, 09:00 - 15:30 (CET)

📍 Online only

📺 Live streaming available



Info days

Horizon Europe info days - EU Missions

📅 Tuesday 20 January 2026, 09:30 - Wednesday 21 January 2026, 16:00 (CET)

📍 Online only

📺 Live streaming available



Info days

Horizon Europe info days - Cluster 6

📅 Thursday 22 January 2026, 09:00 - Friday 23 January 2026, 18:00 (CET)

📍 Brussels, Belgium

📺 Live streaming available



Info days

Horizon Europe info days – WIDERA Work Programme Widening calls

📅 Thursday 22 January 2026, 10:00 - 15:30 (CET)

📍 Online only

📺 Live streaming available

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Obzorje Evropa

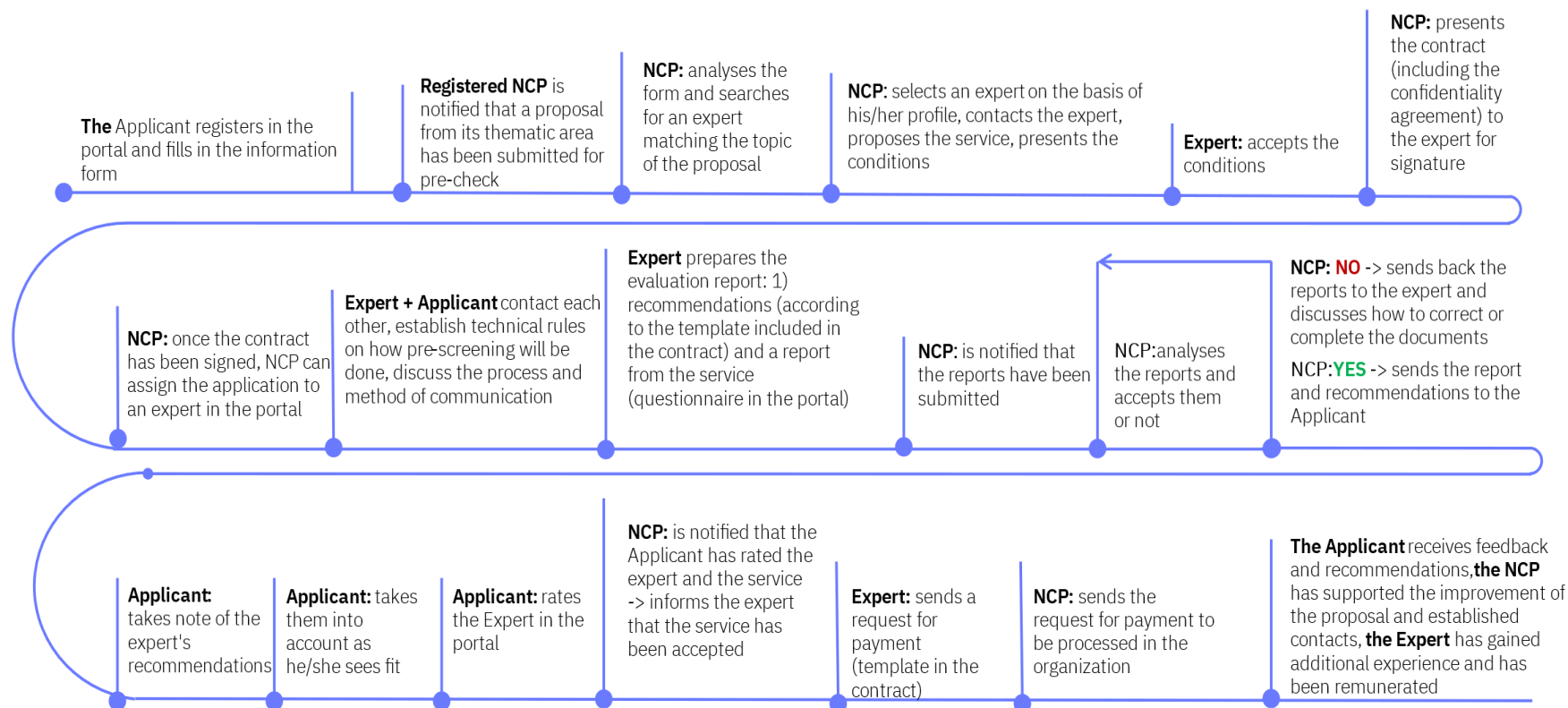
„PRE-SCREENING“ – Predhodni pregled projektnih predlogov

- Priložnost za slovenske prijavitelje_ice, da strokovnjaki_nje opravijo brezplačen **predhodni pregled** njihovih **projektnih predlogov** (angleško prescreening). Storitev je del projekta NCP WIDERA.NET.
- Na voljo za prijavitelje_ice na razpise: širitve udeležbe in krepitev evropskega raziskovalnega prostora (WIDERA), vseh grozdov II. stebra, EIC Pathfinder in Misijskega programa Obzorje Evropa + institucionalizirana partnerstva v okviru II. stebra Obzorja Evropa.
- Postopek poteka preko brezplačnega portala **wideraexperts.eu**: se registrirate, oddate projektni predlog, NKT vam poišče strokovnjaka_injo iz baze na portalu, MVZI z njim/njo podpiše pogodbo, vaše sodelovanje z njim/njo poteka virtualno, dobite „pre-screening“, na koncu oddate oceno storitve.
- **Roki**: med 60 in 30 koledarskimi dnevi pred objavljenim rokom oddaje prijave za konkreten javni razpis lahko v portal oddate vaš predlog za izvedbo predhodnega pregleda *(ki pa še ne vključujejo pripravljenega projektnega predloga, tj. obrazca B)*.
- **Več info:** [Spletna stran MVZI](#)

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The pre-screening process



Uporabne povezave

- MVZI and Horizon Europe: www.obzorje-evropa.si
- Horizon Europe: https://research-and-innovation.ec.europa.eu/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe_en
- Funding and Tenders: <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home>
- M-ERA.NET: <https://www.m-era.net/>
- ERA-MIN: <https://www.era-min.eu/>
- NCP4Industry: <https://ncp4industry.eu/>

