

Delovni program Obzorje Evropa 2026-2027

digitalno področje v Grozdu 4 umetna inteligenca v znanosti

10. december 2025



Digitalno področje v Grozdu 4 2026-2027

UI v znanosti v horizontalnih aktivnostih 2026-2027

Nasveti za dobro prijavo

Podpora



Glavni programi EU na digitalnem področju

Digital Europe

Deployment of advanced digital technologies.

Horizon Europe

Education, research and innovation for digital and industrial technologies, including in space - Cluster 4;
Contribution to digital across all clusters.

CEF Digital

Broadband and 5G roll out;
5G for major transport paths, including TEN-T;
Digital backbone networks for neighboring territories;
Digitalisation of transport and energy networks;
Feasibility studies.

Creative Europe

Accelerate the digital transition of cultural and creative sectors;
Digitalisation for audiovisual and news media;
Skills for audiovisual professionals in support of the digital transition



Od EU politik do Delovnega programa Obzorja Evropa



TOPIC:

Specific conditions (eligibility, FSTP)
Expected outcomes
Scope



Grozd 4 – digitalno: politike in strateški načrt

EU policy priorities

„Competitiveness Compass“

- zapolnjevanje vrzeli v inovacijah z inovativnimi tehnologijami, usmerjenimi v uvajanje,
- podpiranje dekarbonizacije in konkurenčnosti z usmerjenimi industrijskimi tehnologijami in
- zmanjševanje prekomerne odvisnosti in povečevanje varnosti.

Apply AI“

- prevzemanje vodilne vloge pri zagotavljanju večje varnosti in zanesljivosti UI
- obvladovanje tveganj, ki izhajajo iz zlorabe UI,
- izkoriščanje (še) neizkoriščenega potenciala podatkov in
- spodbujanja visokih standardov varstva podatkov.

Strategic Plan

Horizon Europe strategic plan 2025-2027“

- 17. Developing an agile and secure single market and infrastructure for **data-services and trustworthy artificial intelligence services**
- 18. Achieving open strategic autonomy in **digital and emerging enabling technologies**
- 20. Digital and industrial technologies driving **human-centric innovation**

Grozd 4 – digitalne destinacije I/2

- Leadership in materials and production for Europe
- **Developing an agile and secure single market and infrastructure for data-services and trustworthy artificial intelligence services (D3)**
 - Telco-Edge-Cloud continuum/ 3C Network (Connected Collaborative Computing) and Open Internet Stack
 - Achieving the end-to-end AI compute continuum
 - Data (under AI, Data and Robotics partnership)
- **Strategic autonomy in digital and emerging enabling technologies (D4)**
 - AI Continent
 - Quantum
 - Photonics
 - Semiconductors
 - Other emerging technologies
 - AI for manufacturing and energy-intensive industries

Grozd 4 – digitalne destinacije 2/2

- Open Strategic Autonomy in Developing, Deploying and Using Global Space-Based Infrastructure, Services, Applications and Data
- Digital and industrial technologies driving human-centric innovation (D6)
 - Virtual Worlds – Web 4.0 (Partnership)
 - Standardisation – International
- Other actions not subject to calls for proposals
 - Public procurements: Emergency response and resources allocation, AI powered Digital Twin for Reconstruction – third quarter of 2026
 - Specific Grant Agreements: Quantum Computing, Quantum Computing & Simulation, Quantum Communication, Quantum Testing Infrastructure, Quantum Experimental Pilot Lines

HORIZON-CL4-2026-04, 15.1.2026 – 15.4.2026

v potrjevanju

D3: Developing an agile and secure single market and infrastructure for data-services and trustworthy AI services

Telco-Edge-Cloud continuum/3C Network and Open Internet Stack	HORIZON-CL4-2026-04-DATA-02	Open Internet Stack Sovereign Solutions (RIA)
	HORIZON-CL4-2026-04-DATA-03	Open Internet Stack Support for Scale (CSA)
Data (AI, Data and Robotics Partnership)*	HORIZON-CL4-2026-04-DATA-06	Efficient and compliant access to and use of data (IA) (ADRA)

*Partnerstvo je prispevalo razpisno tematiko iz svojega strateškega dokumenta [Evropska partnerstva za raziskave in inovacije | GOV.SI](#)

HORIZON-CL4-2026-04, 15.1.2026 – 15.4.2026

v potrjevanju

D4: Achieving open strategic autonomy in digital and emerging enabling technologies

Photonics (photonics Partnership)	HORIZON-CL4-2026-04-DIGITAL-EMERGING-14	Networking nad Future Photonics Strategy (CSA) (Photonics Partnership)
Semicondutors	HORIZON-CL4-2026-04-DIGITAL-EMERGING-15	Strengthening the cooperation of semiconductor-intensive EU regions (CSA)
Other emerging technologies	HORIZON-CL4-2026-04-DIGITAL-EMERGING-17	Fostering 2-Dimensional Materials (2DM) based emerging and enabling technologies (CSA)

HORIZON-CL4-2026-04/05, 15.1.2026 – 15.4.2026

v potrjevanju

D4: Achieving open strategic autonomy in digital and emerging enabling technologies – AI Continent

AI Continent – AI in Science	HORIZON-CL4-2026-04-DIGITAL-EMERGING-01	Apply AI: Pilot of the „Science for AI“ Pillar of RAISE („Resource for AI science in Europe“) (RIA)
AI Continent - Robotics (AI, Data and Robotics Partnership)	HORIZON-CL4-2026-04-DIGITAL-EMERGING-08	Apply AI: Robotics for Manufacturing: Advancing Core Skills through Technical Challenges (RIA) (ADRA)
	HORIZON-CL4-2026-05-DIGITAL-EMERGING-03	Apply AI: Next-Generation Agile and Intelligent Robotics Platforms for Industrial and Service Applications (RIA) (ADRA)
AI Continent - Apply AI (AI, Data and Robotics Partnership)	HORIZON-CL4-2026-04-DIGITAL-EMERGING-19	Challenge-Driven GenAI4EU Booster in Apply AI prioritised sectors (RIA) (ADRA)
	HORIZON-CL4-2026-05-DIGITAL-EMERGING-02	Next-Generation AI Agents for Real-World Applications in the Apply AI sectors (RIA) (ADRA)

HORIZON-CL4-2026-04, 15.1.2026 – 15.4.2026

v potrjevanju

D4: Achieving open strategic autonomy in digital and emerging enabling technologies – AI Continent

AI4GOODS*

HORIZON-CL4-2026-04-
DIGITAL-EMERGING-09

Advanced Local Digital Twins using AI for Early Warning
and Preparedness (RIA)

*Public procurement, ¾ 2026:

HORIZON-CL4-2026-DIGITAL-AI4GOOD-EMERGENCY, Emergency response and resources allocation

HORIZON-CL4-2026-DIGITAL-DT-RECONSTRUCTION, AI powered Digital Twins for Reconstruction

HORIZON-CL4-2026-04, 15.1.2026 – 15.4.2026

v potrjevanju

D4: Achieving open strategic autonomy in digital and emerging enabling technologies – QUANTUM

Quantum	HORIZON-CL4-2026-04-DIGITAL-EMERGING-11	Grand Challenge on Quantum Sensors for Inertial Navigation (CSA with EIB)
	HORIZON-CL4-2026-04-DIGITAL-EMERGING-12	Standards for Quantum Technologies – Coordination and Support Action (CSA)
	HORIZON-CL4-2026-04-DIGITAL-EMERGING-18	Large-Scale Photonic Quantum Computing Platform Technologies (RIA)

*Specific Grant Agreements, povabilo izbranemu konzorciju k oddaji projektne predloga za naslednjih 3,5 let:

HORIZON-CL4-2026-04-SGA, Quantum Communication - Call for the 2nd SGA for the QSNP FPA (QKD)

HORIZON-CL4-2026-02-SGA, Quantum Computing - Call for the 2nd SGA for the OpenSuperQPlus FPA (superconducting)

HORIZON-CL4-2026-03-SGA, Quantum Computing & Simulation - Call for the 2nd SGA for the PASQuanS2 FPA

HORIZON-CL4-2026-01-SGA, Quantum Computing - Call for the 2nd SGA for the FPA on trapped-ions

HORIZON-CL4-2026-06-SGA, Quantum Experimental Pilot Lines - Call for the 2nd SGA for the Qu-Pilot FPA

HORIZON-CL4-2026-05-SGA, Quantum Testing Infrastructure - Call for the 2nd SGA for the Qu-Test FPA

HORIZON-CL4-2026-04, 15.1.2026 – 15.4.2026

v potrjevanju

D6: Digital and industrial technologies driving human-centric innovation

Virtual Worlds – Web 4.0
(Partnership)

HORIZON-CL4-2026-
04-HUMAN-01

Developing and demonstrating core technologies for
Virtual Worlds and Web 4.0 (IA) (Virtual Worlds
Partnership)

HORIZON-CL4-2026-
04-HUMAN-02

Web 4.0 architectural framework and Open Internet Stack
applications for virtual worlds (RIA)

Dvostopenjska razpisa: HORIZON-CL4-2026-02-two stage in HORIZON-CL4-2027-05-two-stage

potrjevanju

D4: 16.12. 2025 – 17.3. 2026 prva stopnja, 13.10. 2026 druga stopnja

AI for manufacturing and energy-intensive industry	HORIZON-CL4-2026-02-DIGITAL-EMERGING-51-two-stage	AI improved advanced manufacturing and production processes in factories (RIA) (Made in Europe and ADRA Partnerships)
	HORIZON-CL4-2026-02-DIGITAL-EMERGING-53-two-stage	Innovative AI methods and technologies for the process industries (RIA) (Processes4Planet and ADRA Partnerships)

D4: 22.9. 2026 – 2.2. 2027 prva stopnja, 2.9. 2027 druga stopnja

AI for manufacturing and energy-intensive industry	HORIZON-CL4-2027-02-DIGITAL-EMERGING-52-two-stage	New approaches for Human/AI collaboration for the workforce of the future (RIA) (Made in Europe and ADRA)
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HORIZON-CL4-2027-04, 17.11.2026 – 18.3.2027

v potrjevanju

D3: Developing an agile and secure single market and infrastructure for data-services and trustworthy AI services

Telco-Edge-Cloud continuum/3C Network and Open Internet Stack	HORIZON-CL4-2027-04-DATA-08	Demand-side 3C pilot demonstrators on converged Telco Edge Cloud Infrastructure (IA)
Achieving the end-to-end AI compute continuum	HORIZON-CL4-2027-04-DATA-03	New approaches for decentralized, federated and sustainable AI data processing (RIA)
	HORIZON-CL4-2027-04-DATA-09	Energy efficiency and sustainability of AI data processing in Data Centres (IA)

HORIZON-CL4-2027-04/05, 17.11.2026 – 18.3.2027

v potrjevanju

D4: Achieving open strategic autonomy in digital and emerging enabling technologies

AI Continent	HORIZON-CL4-2027-04-DIGITAL-EMERGING-11	EU Frontier AI Initiative: Developing frontier AI solutions that are safe and computationally efficient within Apply AI (RIA)
AI Continent – Apply AI (AI, Data and Robotics Partnership)	HORIZON-CL4-2027-04-DIGITAL-EMERGING-04	Apply AI: Challenge-Driven AI Innovation Booster in Apply AI prioritised sectors (RIA) (ADRA)
Robotics (AI, Data and Robotics Partnership)	HORIZON-CL4-2027-04-DIGITAL-EMERGING-05	Apply AI: AI-Driven Robotics for Industry: Enabling System Integration and Adoption (IA) (ADRA)
AI4GOOD	HORIZON-CL4-2027-04-DIGITAL-EMERGING-06	International cooperation in AI (IA)
Photonics (Photonics Partnership)	HORIZON-CL4-2027-05-DIGITAL-EMERGING-03	Advanced integrated photonic devices for extended features and ultra-low power consumption (RIA) (Photonics Partnership)
Other emerging technologies	HORIZON-CL4-2027-04-DIGITAL-EMERGING-10	Horizon scanning and foresight in future enabling digital technologies (CSA)

HORIZON-CL4-2027-04/05, 17.11.2026 – 18.3.2027

v potrjevanju

D6: Digital and industrial technologies driving human-centric innovation

Virtual Worlds – Web 4.0 (Partnership)	HORIZON-CL4-2027-04- HUMAN-01	Advanced and Innovative hardware components for Virtual Worlds (RIA) (Virtual Worlds Partnership)
	HORIZON-CL4-2027-04- HUMAN-02	Create a thriving and competitive Virtual Worlds and Web 4.0 ecosystem (CSA) (Virtual World Partnership)
Standardisation- International	HORIZON-CL4-2027-04- HUMAN-07	Facilitate the engagement of European stakeholders in international digital standardisation (CSA)

Digitalno področje v Grozdu 4 2026-2027

UI v znanosti v horizontalnih aktivnostih 2026-2027

Nasveti za dobro prijavo

Podpora

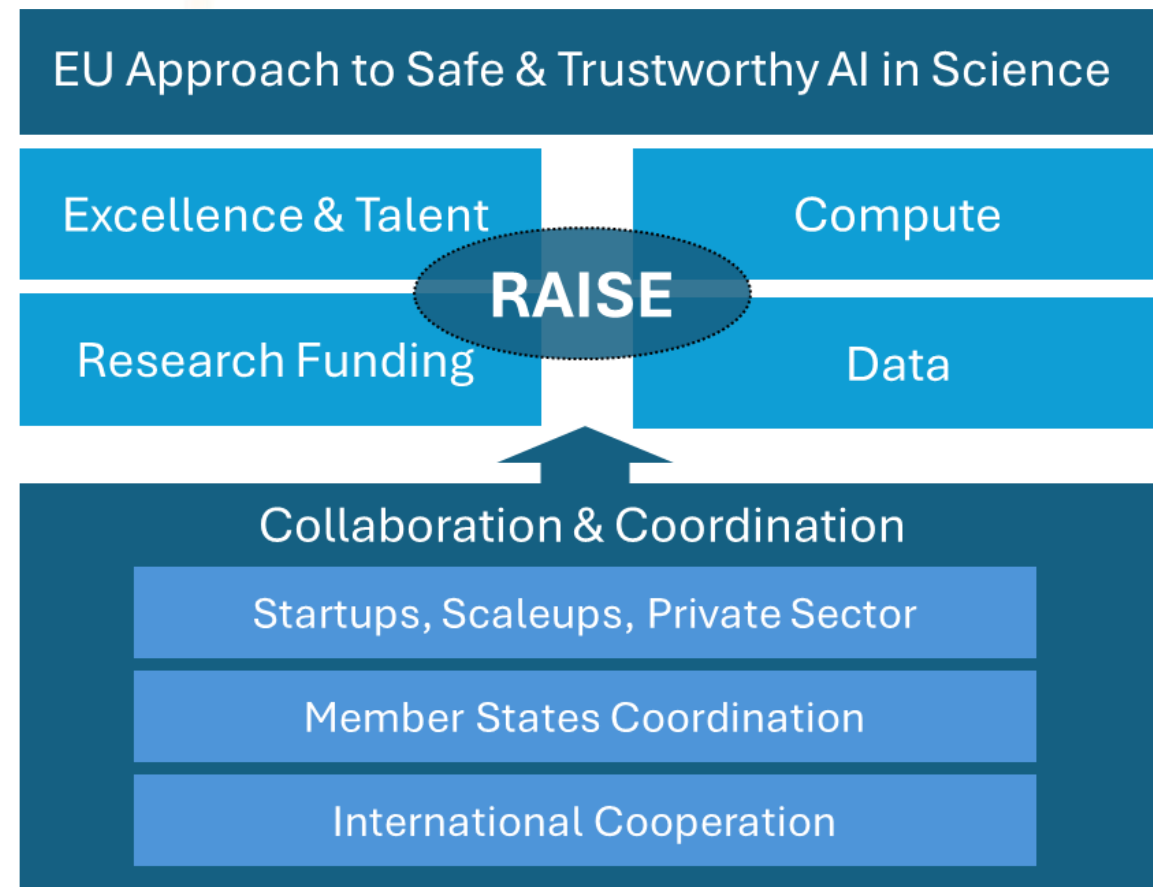


Horizontalni razpis – AI in Science

Projekti na teh razpisih naj bi:

- ustvarili medsebojno povezane mreže s ciljem preseči vpliv enega samega projekta,
- pomagali pri oblikovanju znanstvene skupnosti RAISE (Resource for AI Science in Europe), ki bo prispevala k razvoju sodobne znanosti,
- predstavljali usklajeno prizadevanje za vključitev UI v jedro znanstvenih raziskav v Evropi in
- pravne osebe s sedežem na Kitajskem niso upravičene do sodelovanja v nobeni dejavnosti, ki spada v ta okvir

[European AI in Science Strategy - Research and innovation](#)



HORIZON-RAISE-2026-01, 6.1.2026 – 21.4.2026

v potrjevanju

Thematic Networks of Excellence for AI in Science

HORIZON-RAISE-2026-01-01

Thematic Networks of Excellence for AI in Science (RAISE pilot) (RIA)

HORIZON-RAISE-2026-01-02

Thematic Networks of Excellence for AI in Science – Agriculture and Environmental Pollution (RAISE pilot) (RIA)

HORIZON-RAISE-2026-01-MSCA, 28.5.2026 – 24.11.2026

v potrjevanju

Doctoral Networks for AI in Science (po modelu MSCA doctoral networks)	
HORIZON-RAISE-2026-01-03	RAISE Doctoral Networks for AI in Science (RAISE pilot) (TMA Doctoral Networks)
HORIZON-RAISE-2026-01-03	RAISE Doctoral Networks for AI in Science (RAISE pilot) (TMA Doctoral Networks – Industrial Doctorates)
HORIZON-RAISE-2026-01-03	RAISE Doctoral Networks for AI in Science (RAISE pilot) (TMA Doctoral Networks – Joint Doctorates)

- prijavo se vloži na razpis za Marie Skłodowska-Curie actions (MSCA) Doctoral Networks 2026
- v prijavi se izrazi interes za sodelovanje v doktorskih mrežah RAISE in izkaže tematsko skladnost z razpisom RAISE
- prijava mora izpolnjevati vse pogoje sprejemljivosti in upravičenosti doktorskih mrež MSCA
- prijave RAISE bodo ocenjene na podlagi meril in sistema točkovanja MSCA.

HORIZON-RAISE-2027-01, 22.9. 2026 – 2.2. 2027

v potrjevanju

Automated Labs for AI in Science

HORIZON-RAISE-2027-01-01

Automated Scientific Discovery (RAISE pilot) (RIA)

HORIZON-RAISE-2027-01-02

Automated Scientific Discovery - Food (RAISE pilot) (RIA)

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Ocenjevalni kriteriji (RIA in IA)

EXCELLENCE

- ✓ Clarity and pertinence of the **project's objectives** and the extent to which the proposed work is ambitious, and goes beyond the state-of-the-art
- ✓ Soundness of the proposed **methodology**, including the underlying concepts, models, assumptions, interdisciplinary approaches, appropriate consideration of the **gender dimension** in research and innovation content and the quality of **open science practices** including sharing and management of research outputs and engagement of citizens, civil society and end users where appropriate

IMPACT

- ✓ Credibility of the **pathways** to achieve the expected **outcomes and impacts** specified in the work programme, and the likely scale and significance of the contributions due to the project
- ✓ Suitability and quality of the **measures to maximize expected outcomes and impacts**, as set out in the dissemination and exploitation plan, including communication activities

QUALITY AND EFFICIENCY OF THE IMPLEMENTATION

- ✓ Quality and effectiveness of the **work plan**, assessment of risks, and appropriateness of the effort assigned to work packages and the resources overall
- ✓ Capacity and role of each **participant** and extent to which the **consortium** as a whole brings together the necessary expertise.



Najpogostejše kritike ocenjevalcev po kriterijih

➤ **Odličnost**

- znanstveni/tehnološki in konceptualni vidiki niso prepričljivo prikazani
- slabo merljivi ali manjkajoče začetne vrednosti ključnih kazalnikov uspešnosti (KPI)
- pomanjkanje ambicioznosti glede na obstoječe stanje

➤ **Vpliv**

- slabo razlikovanje med “Expected outcomes” razpisane tematike in “Expected impacts” v uvodu v destinacijo, ki ju je potrebno nasloviti ločeno in realistično
- kazalniki (KPI) niso verodostojni in njihove ciljne vrednosti niso dovolj obrazložene
- potencialna tveganja in ukrepi za upravljanje z njimi niso dovolj natančno predstavljena, ali jih sploh ni

➤ **Implementacija**

- nabor znanj v konzorciju ne ustreza vsem potrebam v projektu
- vloga partnerjev iz tretjih držav ni dovolj pojasnjena
- premalo sodelovanja med partnerji na poti k skupnemu cilju

Ključne usmeritve



Open Science across the programme



Gender dimension in R&I content



Pathway to impact



Measures to maximise impact



Do no significant harm principle (DNSH)



Artificial intelligence



Biti ekspert – poznati proces od znotraj!

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

English EN
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SEARCH FUNDING & TENDERS ▾ HOW TO PARTICIPATE ▾ PROJECTS & RESULTS WORK AS AN EXPERT SUPPORT ▾

Horizon 2020 Framework Programme (H2020) clear filter

⚠ There is currently an issue with the contact form preventing you from submitting your request. We are doing our best to resolve the issue as soon as possible. We apologize for any inconvenience caused. ✕

⚠ Legal Entity and Bank Account validations tasks will experience issues in the Grant Management Services Services on Wednesday, 02.12.2020, between 07:30 and 08:10. ✕

Need help?

Work as an expert

The European Union Institutions appoint external experts to assist in the evaluation of grant applications, projects and tenders, and to provide opinions and advice in specific cases.

 Being an expert for the European Commission...

In particular, experts assist in:

- **Evaluation** of proposals, prize applications and tenders
- **Monitoring** of actions, grant agreements, public procurement contracts

In addition, experts provide opinion and advise on:

- **Preparation, implementation and evaluation of EU programmes and design of policies.**

In order to select experts, the European Union Institutions publish regularly calls for expression of interest (see list below) detailing the selection criteria, the required expertise, the description of the tasks, their duration and the conditions of remuneration.

Interested? Please join the database of external experts!

Register as expert

News

21 Apr, 2020
Call for experts to assist the European Commission and other EU bodies with tasks in connection with pilot projects and preparatory actions
The European Commission is launching a call for experts for the Funding & Tenders Portal expert database, for assignments in connection with EU pilot projects...

05 Feb, 2020
INEA looking for experts to assess CEF Energy calls
The Innovation and Networks Executive Agency (INEA) is looking for experienced experts in energy to assess project proposals submitted under the 2020 Connecting...

All news >

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



Digitalno področje v Grozdu 4 2026-2027

UI v znanosti v horizontalnih aktivnostih 2026-2027

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Podpora



Vaša podpora

Nacionalna kontaktna točka

- povezava z drugimi NKT Obzorje Evropa v Sloveniji
- povezava z Evropsko komisijo in NKT za digitalno področje v Grozdu 4 v drugih državah - IDEAL-IST
- splošni in poglobljeni informativni dogodki / predstavitve
- svetovanje
- spletna stran: [Digitalno področje, industrija in vesolje | GOV.SI](#)
- elektronske novice za digitalno področje – prijavite se!



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&
Project idea check](#)



[Topic Tree](#)

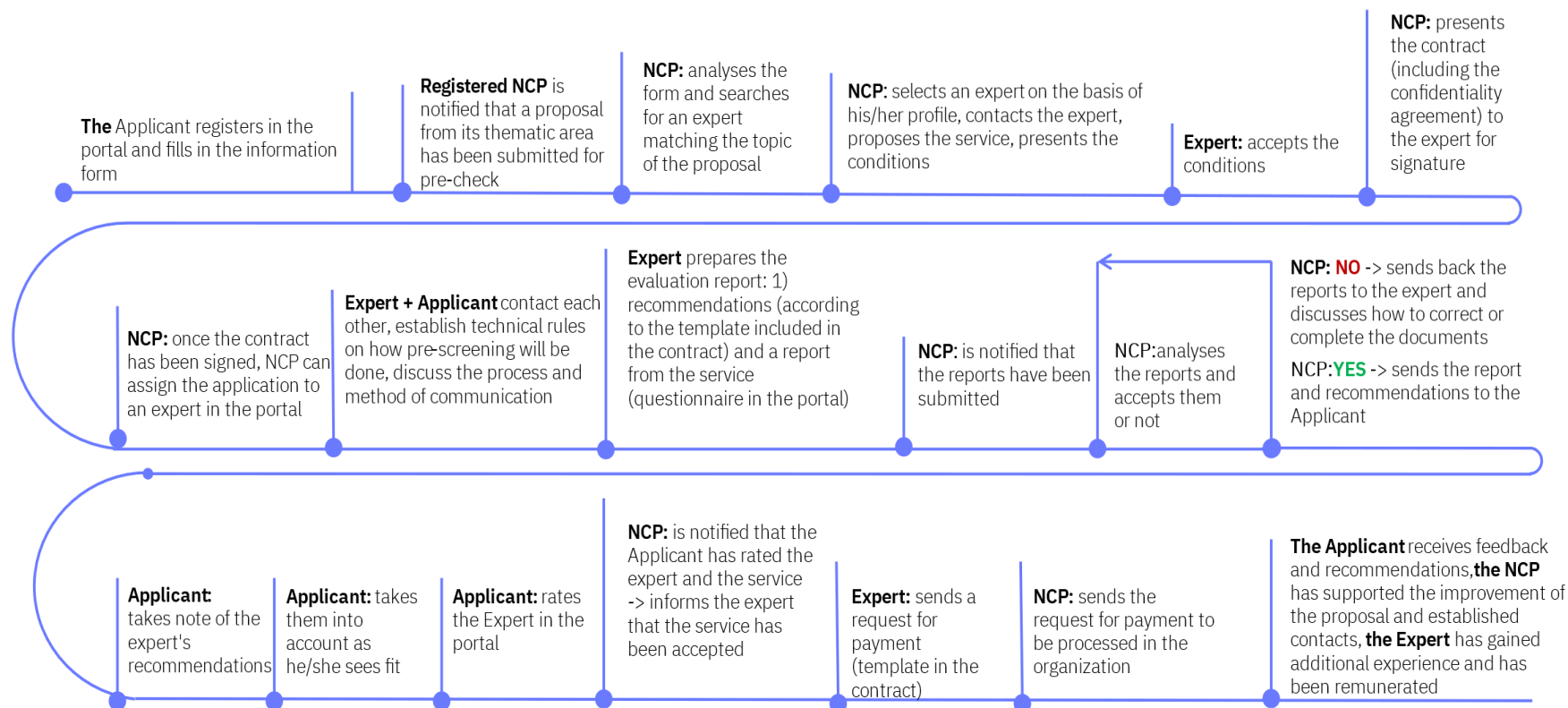
„PRE-SCREENING“ – Predhodni pregled projektnih predlogov

- Priložnost za slovenske prijavitelje_ice, da strokovnjaki_nje opravijo brezplačen **predhodni pregled** njihovih **projektnih predlogov** (angleško prescreening). Storitve 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](#)

**MREŽA
NACIONALNIH
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Obzorje Evropa



The pre-screening process



Naslednji koraki Evropske komisije

- ✓ načrtovana objava Delovnega programa 2026-2027 konec leta
 - predhodna verzija objavljena na portalu Evropske komisije: [D107987/04 - Register komitologije](#)
- ✓ predstavitev razpisov 2026 Grozda 4 in UI v znanosti za NKT v tem tednu → objava informacije na spletni strani Grozd 4 Obzorje Evropa na MVZI
- ✓ spletna predstavitev razpisov 2026 Grozda 4 in UI v znanosti sredi januarja z možnostjo vprašanj



KORISTNE POVEZAVE

- MVZI in Obzorje Evropa: www.obzorje-evropa.si
- Portal za sodelujoče v Obzorju Evropa (Funding & Tenders Portal):
<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/programmes/horizon>
- Vprašanja? Research Enquiry Service: <http://ec.europa.eu/research/enquiries>



REPUBLIKA SLOVENIJA
MINISTRSTVO ZA GOSPODARSTVO,
TURIZEM IN ŠPORT



REPUBLIKA SLOVENIJA
MINISTRSTVO ZA INFRASTRUKTURO



REPUBLIKA SLOVENIJA
MINISTRSTVO ZA VISOKO ŠOLSTVO,
ZNANOST IN INOVACIJE

 **MREŽA
NACIONALNIH
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Obzorje Evropa



REPUBLIKA SLOVENIJA
MINISTRSTVO ZA OKOLJE,
PODNEBJE IN ENERGIJO

