

Úvod do digitalizácie

Pracovný program 2026-27



TOMÁŠ PAVLIK | ONLINE | 25. NOVEMBER 2025



Financovaný
Európskou úniou



PROGRAM
SLOVENSKO



MINISTERSTVO
ŠKOLSTVA, VÝSKUMU,
VÝVOJA A MLÁDEŽE
SLOVENSKEJ REPUBLIKY



Pracovný program 2025



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Horizon Europe work programmes

What work programmes are, what they cover, download available Horizon Europe work programmes.

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- Work programmes under Horizon Europe
- View available work programmes
- Feedback received for the 2025 work programme

Work programmes under Horizon Europe

Work programmes set out funding opportunities under Horizon Europe.

One specific programme under Horizon Europe is implemented through the following:

The main work programme



Všetky
Pracovné programy



Cluster 4 'Digital,
Industry and Space'

Ako sa orientovať v Pracovnom programe?

*Horizon Europe - Work Programme 2025
Digital, Industry and Space*

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Prehľad Témy z Pracovného programu

HORIZON-CL4-2025-03-HUMAN-15: GenAI4EU: Generative AI for Virtual Worlds: Advanced technologies for better performance and hyper personalised and immersive experience (IA) (AI/Data/Robotics & Virtual Worlds Partnerships)

Call: DIGITAL - CNECT	
Specific conditions	
<i>Expected EU contribution per project</i>	The Commission estimates that an EU contribution of between EUR 4.00 and 5.00 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 20.00 million.
<i>Type of Action</i>	Innovation Actions

Eligibility conditions

The conditions are described in General Annex B. The following exceptions apply:

In order to achieve the expected outcomes, and safeguard the Union's strategic assets, interests, autonomy, and security, it is important to avoid a situation of technological dependency on a non-EU source, in a global context that requires the EU to take action to build on its strengths, and to carefully assess and address any strategic weaknesses, vulnerabilities and high-risk dependencies which put at risk the attainment of its ambitions. For this reason, participation is limited to legal entities established in Member States, Iceland and Norway and the following additional associated countries: Canada, Israel, the Republic of Korea, New Zealand, Switzerland, and the United Kingdom.

For the duly justified and exceptional reasons listed in the paragraph above, in order to guarantee the protection of the strategic interests of the Union and its Member States, entities established in an eligible country listed above, but which are directly or indirectly controlled by a non-eligible country or by a non-eligible country entity, may not participate in the action unless it can be demonstrated, by means of guarantees positively assessed by their eligible country of establishment, that their participation to the action would not negatively impact the Union's strategic assets, interests, autonomy, or security. Entities assessed as high-risk suppliers of mobile network communication equipment within the meaning of 'restrictions for the protection of European communication networks' (or entities fully or partially owned or controlled by a high-risk supplier) cannot submit guarantees.²¹⁴

Technology Readiness Level

Activities are expected to start at TRL 4 and achieve TRL 6 by the end of the project – see General Annex B.

Expected Outcome: Project results are expected to contribute to at least one of the following expected outcomes:

- Realistic, creative and innovative characters, user-tailored artefacts, and Virtual Worlds for a better immersion and significantly improved user experience.

Výzvy 2026

HORIZON-CL4-2026-04: | 15 TÉM

HORIZON-CL4-2026-05 | 3 TÉMY

OTVORENIE | 15. JANUÁR 2026

UZÁVIERKA | 15. APRÍL 2026

Výzvy 2027

HORIZON-CL4-2027-04: | 11 TÉM

HORIZON-CL4-2027-05 | 1 TÉMA

OTVORENIE | 17. NOVEMBER 2026

UZÁVIERKA | 18. MAREC 2027

Destinácia

**ROZVOJ AGILNÉHO A BEZPEČNÉHO
JEDNOTNÉHO TRHU A INFRAŠTRUKTÚRY
PRE DÁTOVÉ SLUŽBY A DÔVERYHODNÉ
SLUŽBY UMELEJ INTELIGENCIE**

DATA

Destinácia: DATA



Dôveryhodná, interoperabilná a vysokovýkonná dátová ekonomika s umelou inteligenciou v jej jadre

- ✓ **Otvorený Internet Stack**
- ✓ **Efektívny a regulačne vhodný prístup k dátam**
- ✓ **AI-ready dátové infraštruktúry**
- ✓ **Federované a interoperabilné dátové ekosystémy**
- ✓ **Edge & Cloud AI suverenita**
- ✓ **3C (Connected Collaborative Computing)**

data trust compliance open source
3C architecture data economy
federated data
edge AI GDPR data ecosystems interoperability

Destinácia

DOSIAHNUTIE OTVORENEJ STRATEGICKEJ AUTONÓMIE
V DIGITÁLNYCH A NOVOVZNIKAJÚCICH POKROČILÝCH
TECHNOLÓGIÁCH

DIGITAL-EMERGING

Destinácia: DIGITAL-EMERGING



Posilniť európsku technologickú suverenitu a vybudovať nové generácie digitálnych a pokročilých technológií, ktoré budú otvorené, dôveryhodné a udržateľné

- ✓ **Pokročilé digitálne technológie:** umelá inteligencia, kvantové technológie, fotonika, mikroelektronika, robotika
- ✓ **Európska technologická autonómia** v kľúčových oblastiach (AI, chipy, kvantové platformy)
- ✓ **Open-source a otvorené štandardy**
- ✓ **Výskum a vývoj pre nové generácie digitálnych architektúr**
- ✓ **Experimentálne platformy a testovacie infraštruktúry**
- ✓ **Prepojenie digitálnych technológií s priemyselnými aplikáciami**

quantum stack soft robotics
trustworthy AI AI tooling
generative AI hybrid computing
AI testing standardisation
robotics post-exascale
risk assessment



Destinácia

DIGITÁLNE A PRIEMYSELNÉ
TECHNOLÓGIE PODPORUJÚCE
INOVÁCIU ZAMERANÚ NA ČLOVEKA

HUMAN

Destinácia: HUMAN



Technológie, ktoré rešpektujú ľudské potreby, podporujú inkluzívne digitálne prostredie a umožňujú bezpečnú, etickú a používateľsky orientovanú inováciu

- ✓ **Ľudsky orientované digitálne technológie**
- ✓ **Web 4.0 a virtuálne svety**
- ✓ **Interoperabilné a otvorené prostredia pre digitálnu interakciu**
- ✓ **Digitálna inklúzia a prístupnosť**
- ✓ **Bezpečné a dôveryhodné rozhrania človek–technológia**
- ✓ **Štandardizácia digitálnych technológií a používateľských rozhraní**

user rights digital identity
decentralisation commons
interoperability open standards
virtual worlds XR inclusiveness
open internet Web 4.0

Kde nájsť kaskádové výzvy?



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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 party beneficiaries (e.g., research organisations, public entities, non-governmental organisations, and private companies) to engage in activities that serve EU policies.

[More details](#)

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108 item(s) found

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Programming period

▼

Programme

▼

Call

▼

Submission status

▼

All filters

European Partnership on Innovative SMEs/Eurostars: joint transnational call for proposals (CALL 7 of Eurostars-3)
InnovativeSMEs | Cascade funding
Opening date: **12 July 2024** | Next deadline: **12 September 2024** | Single-stage

Programme: **Horizon Europe (HORIZON)** | Type of action: -

Western Balkans Innovation Voucher
POLICY ANSWERS | Cascade funding
Opening date: **12 April 2024** | Next deadline: **26 June 2024** | Single-stage

Programme: **Horizon Europe (HORIZON)** | Type of action: -

VOXReality Open Call
VOXReality | Cascade funding
Opening date: **05 April 2024** | Next deadline: **05 June 2024** | Single-stage

Programme: **Horizon Europe (HORIZON)** | Type of action: -

All filters

TYPE OF GRANTS CALLS

☐ Direct calls for proposals (issued by the EU)
☐ EU External Actions
☒ Calls for funding in cascade (issued by funded projects)

PROGRAMMING PERIOD

2021 - 2027

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2014 - 2020

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PROGRAMME

Filter...

Horizon Europe (HORIZON)

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Digital Europe Programme (DIGITAL)

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Creative Europe Programme (CREA)

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Ďakujem!

Tomáš Pavlik

Národný kontaktný bod pre Horizont Európa
Klaster 4 – Digital, Industry and Space

tomas.pavlik@cvtisr.sk

www.eraportal.sk/horizont-europa/

