



Univerza v Ljubljani



**Univerzitetna služba
za raziskovalno dejavnost**

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Nov portal za iskanje razpisov v okviru evropskih programov

Evropska komisija je objavila nov portal »Funding & Tender Opportunities Portal«, ki bo nadomestil trenutni »Participant Portal«. Postala bo enotna vstopna točka za iskanje in upravljanje Evropskih razpisov in javnih naročil. Portal vsebuje novo postavitvev in je opremljen z izboljšano funkcijo iskanja ključnih besed. Novi portal ponuja vse funkcije, ki so bile na voljo na Participant Portalu. Vsebine na Participant Portalu ob koncu leta ne bodo več dostopne.

Povezava: [Funding & Tenders Opportunities Portal](#)

RESEARCH PROFESSIONAL

Univerza v Ljubljani plačuje naročnino za Research Professional, informacijsko platformo, ki se ponaša z največjo bazo odprtih razpisov na svetu. V bazo je vključenih več kot 12.000 financerjev, ki dnevno objavijo več kot 350 **razpisov za raziskovanje, razvoj, izobraževanje, raziskovalne infrastrukture, potne stroške, nagrade in druge z raziskovanjem povezane možnosti**. Vsi raziskovalci, študentje in ostali zaposleni Univerze v Ljubljani imate **brezplačno možnost uporabe** omenjene platforme, preko katere si lahko nastavite svoje iskalne kriterije (znanstveno področje, tip dotacije, vir financiranja, rok prijave, višina financiranja itd.) ter iskalno nastavitve shranite. Tako lahko shranite neomejeno število iskanj in si nastavite možnost »ALERT«, s katero boste vsak petek prejeli tedensko svež elektronski izbor razpisov, ki ustrezajo vašim vnaprej nastavljenim iskalnim preferencam.

Spletna stran: <https://www.researchprofessional.com/>

Uporabnik se lahko registrira na naročniško verzijo programa samo iz računalnikov, ki so znotraj univerzitetnega omrežja. Preko gumba »REGISTER« (desno zgoraj) si izberete uporabniško ime in geslo. Če želite uporabljati program izven univerzitetnega računalniškega omrežja, morate biti registrirani, saj se vam pojavi samo možnost »SIGN IN«, ne pa »REGISTER«. V kolikor potrebujete dodatne informacije prosim sporočite na euprojekti@uni-lj.si.

PLATFORMA CROWDHELIX

Platforma CROWDHELIX je namenjena povezovanju akademskih institucij in podjetji pri oblikovanju kompetitivnih konzorcijev za pripravo projektov na razpise programa Obzorje 2020. Preko platforme, ki je razdeljena na različna tematska področja (*helixes*), lahko objavite vaše interese po sodelovanju ali pa poiščete že obstoječe iniciative oziroma konzorcije, ki iščejo partnerje z določeno ekspertizo. Trenutno je na platformi objavljenih 444 priložnosti z več kot 2200 uporabniki iz 287 aktivnih organizacij.

Univerza v Ljubljani plačuje letno članarino, zato se lahko raziskovalci in raziskovalke UL registrirajo brezplačno preko povezave: <https://www.crowdhelix.com/signup>

Kratek pregled platforme in njenih funkcionalnosti:

- Iskanje partnerskih ponudb po tematskih področjih
- Povezovanje akademskih institucij s podjetji
- Iskanje drugih priložnosti za sodelovanje
- Objava in iskanje tematskih dogodkov
- Izmenjava mnenj in priložnosti

Povezava: <https://www.crowdhelix.com/>

OBJAVLJENI RAZPISI**HORIZON 2020**

H2020-LOW-CARBON-CIRCULAR-INDUSTRIES-2020 competitive, low carbon and circular industries, single stage – topics NMBP 41-42, SC5 8, SPIRE 1, 7, 9	
Več informacij:	Spletna stran razpisa
Rok prijave:	5.2.2020
Opis:	<p>The European Commission Horizon 2020: Societal Challenges under its cross-cutting activities work programme, invites proposals for its H2020-LOW-CARBON-CIRCULAR-INDUSTRIES-2020 call on competitive, low carbon and circular industries. This supports the design and demonstration of innovative production systems and business models, in which resource efficiencies, waste management and system thinking is incorporated in the initial design, across sectors that are traditionally resource and energy intensive and have significant environmental footprints. Proposals may address the following topics:</p> <ul style="list-style-type: none">• CE-NMBP-41-2020 ERA-NET on materials, supporting the circular economy and sustainable development goals;• CE-NMBP-42-2020 materials life cycle sustainability analysis;• CE-SC5-08-2020 raw materials policy support actions for the circular economy – expert network on critical raw materials;• CE-SPIRE-01-2020 tapping into the potential of industrial symbiosis;• CE-SPIRE-07-2020 preserving fresh water – recycling industrial waters industry;• CE-SPIRE-09-2020 alternative mineral resources for high volume production. <p>Each successful proposal is expected to receive between €3 million and €20m. The total indicative budget for this call is €121.5m.</p>
Proračun:	121.500.00 EUR

H2020-LC-BAT-2020 building a low-carbon, climate resilient future – next-generation batteries, single stage – topics 8-11	
Več informacij:	Spletna stran razpisa
Rok prijave:	21.4.2020
Opis:	<p>The European Commission Horizon 2020: Societal Challenges under its cross-cutting activities work programme, invites proposals for its H2020-LC-BAT-2020 call on building a low-carbon, climate resilient future – next-generation batteries. This supports projects that focus on the prevention of a major technological dependence in batteries cells supply and that ensure that European companies capture a significant share of the emerging electric battery market. Proposals may address the following topics:</p> <ul style="list-style-type: none">• LC-BAT-8-2020 next-generation batteries for stationary energy storage;• LC-BAT-9-2020 hybridisation of battery systems for stationary energy storage;• LC-BAT-10-2020 next generation and realisation of battery packs for battery electric vehicles and plug-in hybrid electric vehicle;• LC-BAT-11-2020 reducing the cost of large batteries for waterborne transport. <p>Each successful proposal is expected to receive between €3 million and €10m. The total indicative budget for this call is €90m.</p>
Proračun:	90.000.000 EUR

H2020-LC-BAT-2020 building a low-carbon, climate resilient future – next-generation batteries, single stage – topics 12-15	
Več informacij:	Spletna stran razpisa
Rok prijave:	16.1.2020
Opis:	<p>The European Commission Horizon 2020: Societal Challenges under its cross-cutting activities work programme, invites proposals for its H2020-LC-BAT-2020 call on building a low-carbon, climate resilient future – next-generation batteries. This supports projects that focus on the prevention of a major technological dependence in batteries cells supply and that ensure that European companies capture a significant share of the emerging electric battery market. Proposals may address the following topics under a large-scale research initiative on future battery technologies:</p> <ul style="list-style-type: none"> • LC-BAT-12-2020 novel methodologies for autonomous discovery of advanced battery chemistries; • LC-BAT-13-2020 sensing functionalities for smart battery cell chemistries; • LC-BAT-14-2020 self-healing functionalities for long lasting battery cell chemistries; • LC-BAT-15-2020 coordinate and support the large scale research initiative on future battery technologies. <p>Each successful proposal is expected to receive between €2 million and €20m. The total indicative budget for this call is €42m.</p>
Proračun:	42.000.000 EUR

H2020-LOW-CARBON-CIRCULAR-INDUSTRIES-2020 competitive, low carbon and circular industries, two stage – topics SC5 7, 31	
Več informacij:	Spletna stran razpisa
Rok prijave:	5.2.2020
Opis:	<p>The European Commission Horizon 2020: Societal Challenges under its cross-cutting activities work programme, invites proposals for its H2020-LOW-CARBON-CIRCULAR-INDUSTRIES-2020 call on competitive, low carbon and circular industries. This supports the design and demonstration of innovative production systems and business models, in which resource efficiencies, waste management and system thinking is incorporated in the initial design, across sectors that are traditionally resource and energy intensive and have significant environmental footprints. Proposals may address the following topics:</p> <ul style="list-style-type: none"> • CE-SC5-07-2020 raw materials innovation for the circular economy – sustainable processing, reuse, recycling and recovery schemes; • CE-SC5-31-2020 develop, implement and assess a circular economy oriented product information management system for complex products from cradle to cradle. <p>Each successful proposal is expected to receive between €7 million and €13m. The total indicative budget for this call is €55m.</p>
Proračun:	55.000.000 EUR

H2020-LOW-CARBON-CIRCULAR-INDUSTRIES-2020 competitive, low carbon and circular industries, single stage – topics CC 9, NZE 5	
Več informacij:	Spletna stran razpisa
Rok prijave:	1.9.2020
Opis:	<p>The European Commission Horizon 2020: Societal Challenges under its cross-cutting activities work programme, invites proposals for its H2020-LOW-CARBON-CIRCULAR-INDUSTRIES-2020 call on competitive, low carbon and circular industries. This supports the design and demonstration of innovative production systems and business models, in</p>

	<p>which resource efficiencies, waste management and system thinking is incorporated in the initial design, across sectors that are traditionally resource and energy intensive and have significant environmental footprints. Proposals may address the following topics:</p> <ul style="list-style-type: none"> • LC-SC3-CC-9-2020 industrial waste heat-to-power conversion; • LC-SC3-NZE-5-2020 low carbon industrial production using carbon capture, utilisation, and storage. <p>Each successful proposal is expected to receive between €12 million and €15m. The total indicative budget for this call is worth €29m.</p>
Proračun:	29.000.000 EUR

H2020-LC-CLA-2018-2019-2020 Building a low-carbon, climate resilient future: climate action in support of the Paris Agreement

Več informacij: [Spletna stran razpisa](#)

Rok prijave: 13.2.2020

Opis: V okviru prednostne naloge »družbeni izzivi« programa za raziskave in inovacije Obzorje 2020 je bilo 12. novembra objavljenih štirinajst javnih razpisov za sofinanciranje projektov za prilagajanje podnebnim spremembam v skladu s Pariškim sporazumom za leto 2020:

- Scientific support to designing mitigation pathways and policies
- Innovative nature-based solutions for carbon neutral cities and improved air quality
- Advancing climate services
- Climate resilience of European coastal cities and settlements
- Understanding climate-water-energy-food nexus and streamlining water-related policies
- Forest Fires risk reduction: towards an integrated fire management approach in the E.U.
- Multi-hazard risk management for risk-informed decision-making in the E.U.
- Polar climate: understanding the polar processes in a global context in the Arctic and Antarctic Regions
- Developing the next generation of Earth System Models
- Integrated GEOSS climate applications to support adaptation and mitigation measures of the Paris Agreement
- Supporting the implementation of GEOSS in the Arctic in collaboration with Copernicus
- Coordination of European Polar research
- Enhancing the Belmont Forum Collaborative Research Action on Climate, Environment and Health
- Towards a comprehensive European mountain research strategy

H2020-SC5-2018-2019-2020 Greening the economy in line with the Sustainable Development Goals (SDGs)

Več informacij: [Spletna stran razpisa](#)

Rok prijave: 13.2.2020

Opis: V okviru prednostne naloge »družbeni izzivi« programa za raziskave in inovacije Obzorje 2020 je objavljenih 13 javnih razpisov za sofinanciranje projektov na področju zelene ekonomije v skladu s trajnostnimi razvojnimi cilji za leto 2020. Scientific support to designing mitigation pathways and policies:

- Improving the sorting, separation and recycling of composite and multi-layer materials
- Understanding the transition to a circular economy and its implications on the environment, economy and society

- Develop and pilot circular systems in plastics, textiles and furniture sectors
 - A common European framework to harmonise procedures for plastics pollution monitoring and assessments
 - Plastics in the environment: understanding the sources, transport, distribution and impacts of plastics pollution
 - Raw materials innovation actions: exploration and Earth observation in support of sustainable mining
 - Sustainable management in extractive industries
 - Strengthening international collaboration: enhanced natural treatment solutions for water security and ecological quality in cities
 - Addressing wild pollinators decline and its effects on biodiversity and ecosystem services
 - Monitoring ecosystems through research, innovation and technology
 - ERA-NET Cofund action on conservation and restoration of degraded ecosystems and their biodiversity, including a focus on aquatic systems
 - ERA-NET Cofund action on enhancing urban transformation capacities
- ERA-NET Cofund action on raw materials

H2020-SPACE-2018-2020	
Več informacij:	Spletna stran razpisa
Rok prijave:	5.3.2020
Opis:	<p>Znotraj delovnega programa »Vodilni položaj na področju ključnih podpornih in industrijskih tehnologij" so objavljeni novi razpisi na področju »vesolje«:</p> <ul style="list-style-type: none"> • Copernicus market uptake • Big data technologies and Artificial Intelligence for Copernicus • Space hubs (support to start-ups) • Copernicus evolution: Research activities in support of the evolution of the Copernicus services • Copernicus evolution: new concept for an innovative and holistic solution for Sentinels calibration & validation • Copernicus evolution: Mission exploitation concept for WATER • Technologies for European non-dependence and competitiveness • SRC - Space robotics technologies • SRC - In-space electrical propulsion and station keeping - Incremental technologies • Satellite communication technologies • Scientific data exploitation • Space traffic management

H2020-SPACE-EGNSS-2019-2020	
Več informacij:	Spletna stran razpisa
Rok prijave:	5.3.2020
Opis:	<p>V okviru programa za raziskave in inovacije Obzorje 2020 so objavljeni novi javni razpisi na področju evropskega globalnega satelitskega navigacijskega sistema (EGNSS) znotraj delovnega programa »Vodilni položaj na področju ključnih podpornih in industrijskih tehnologij«:</p> <ul style="list-style-type: none"> • EGNSS applications fostering digitisation • EGNSS applications fostering green, safe and smart mobility • EGNSS applications for public authorities' pilot • EGNSS applications fostering societal resilience and protecting the environment

H2020-SC6-MIGRATION-2018-2019-2020	
Več informacij:	Spletna stran razpisa
Rok prijave:	12.3.2020
Opis:	<p>Objavljeni so novi javni razpisi na področju migracij znotraj delovnega programa »Evropa v spreminjajočem se svetu - vključujoče in inovativne družbe, ki kritično razmišljajo«:</p> <ul style="list-style-type: none"> • Inclusive and innovative practices for the integration of recently arrived migrants in local communities • Mapping and overcoming integration challenges for migrant children • Narratives on migration and its impact: past and present • Sustainable practices for the integration of newly arrived migrants into societies

H2020-SC6-GOVERNANCE-2018-2019-2020	
Več informacij:	Spletna stran razpisa
Rok prijave:	12.3.2020
Opis:	<p>Objavljeni so novi javni razpisi na področju vodenja za prihodnost znotraj delovnega programa »Evropa v spreminjajočem se svetu - vključujoče in inovativne družbe, ki kritično razmišljajo«</p> <ul style="list-style-type: none"> • New forms of delivering public goods and inclusive public services • Pilot on using the European cloud infrastructure for public administrations • Citizen-centric public services in local and regional administrations • Centres/Networks of European research and innovation • Developing deliberative and participatory democracies through experimentation • Support to the networking of national R&I Think Tanks for helping co-shape and share a common perspective on R&I policy across Europe • The Common Foreign and Security Policy and the expanding scope of the EU's external engagement • Addressing radicalization through social inclusion

H2020-SC6-TRANSFORMATIONS-2018-2019-2020	
Več informacij:	Spletna stran razpisa
Rok prijave:	12.3.2020
Opis:	<p>Cilj programa je obravnavati izzive, povezane z zapletenim družbenoekonomskim in kulturnim poreklom Evrope v dobi četrte industrijske revolucije in v okviru globalizacije in digitalizacije, ter zagotoviti alternativne politike. Raziskave bodo ponudile nove dokaze in politične možnosti za ublažitev ali podporo teh preobrazb. Odprtih je več razpisov.</p> <ul style="list-style-type: none"> • Transformative impact of disruptive technologies in public services • Curation of digital assets and advanced digitisation • European Competence Centre for the preservation and conservation of Monuments and Site • Mentoring scheme for schools: mainstreaming innovation by spreading the advanced ICT-based teaching practices to a wide circle of schools • To set up a digital accessibility observatory as a forum to take stock of market and technological developments, monitor progress in digital accessibility and provide opportunities for exchange of best practices • Innovative approaches to urban and regional development through cultural tourism • Evolving European media landscapes and Europeanisation • Society and innovations: understanding the contexts, processes and consequences • Technological transformations, skills and globalization - future challenges for shared prosperity

	<ul style="list-style-type: none"> • Culture beyond borders – Facilitating innovation and research cooperation between European museums and heritage sites • Enhancing access and uptake of education to reverse inequalities
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DIGITALIZACIJA IN TRANSFORMACIJA EVROPSKE INDUSTRIJE IN STORITEV - DIGITALNA INOVACIJSKA STIČIŠČA IN PLATFORME

Več informacij:	Spletna stran razpisa
Rok prijave:	22.4.2020
Opis:	<p>V okviru delovnega programa »informatijske in komunikacijske tehnologije« programa za raziskave in inovacije Obzorje 2020 so bili 19. novembra 2019 objavljeni trije javni razpisi na področju digitalizacije in transformacije evropske industrije in storitev - digitalna inovacijska stičišča in platforme:</p> <ul style="list-style-type: none"> • Photonics Innovation Hubs • Boost rural economies through cross-sector digital service platforms • AI for the smart hospital of the future

International Cooperation on HPC - FET PROACTIVE High Performance Computing

Več informacij:	Spletna stran razpisa
Rok prijave:	22.4.2020
Opis:	<p>Specific Challenge: The aim is to develop a strategic partnership in HPC with Latin America enabling closer research cooperation in HPC.</p> <p>Scope:</p> <ul style="list-style-type: none"> • Develop a roadmap for increased future research cooperation in HPC • Identify key HPC application areas and hardware/system requirements per Latin-American country • Identify relevant national, regional and international funding schemes of HPC in Latin America • Organise meetings, thematic workshops and summer schools in areas of common interest • Promote the exchange of best practices between the European and Latin-American HPC research communities • Improve links between the European and Latin-American HPC research communities • The Commission considers that proposals requesting a contribution from the EU of up to EUR 0.50 million would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts. <p>Expected Impact:</p> <ul style="list-style-type: none"> • Development of a realistic HPC research cooperation roadmap with clearly identified application areas, hardware/system requirements and funding schemes • Improved international cooperation of EU and Latin American research and industrial communities on advanced HPC application development. • Improved sharing of information and expertise to solve common societal problems with the use of advanced computing.
Proračun:	500.000 EUR

Neuromorphic computing technologies - FET PROACTIVE Boosting emerging technologies	
Več informacij:	Spletna stran razpisa
Rok prijave:	22.4.2020
Opis:	<p>Specific Challenge: The potential of neuromorphic computing has been only partially explored so far. Compared to biological neural networks, current neuron/dendrite models are simple, the networks small and learning models appear to be rather basic. The implementations are often VLSI-based CMOS with little resemblance to the substrate of their biological counterparts, and too power-hungry. The challenge is to exploit a wider range of biological principles from the hardware level up (e.g., neuro-mimicking materials and principles – electronic, photonic, ionic,... – , 3D networks, higher degrees of connectivity, cross-connectivity, spiking, rate-based and population-level neuronal dynamics, oscillations, plasticity, parallelism, etc.) and from the cognitive level down, by developing the related algorithms and programming framework, in order to create neuromorphic technologies that can outperform current systems in terms of size, scalability, connectivity, power consumption, ease of training, flexibility, reliability or any other relevant metrics.</p> <p>Scope: proposals will target new computational substrates and engines, based on new materials and engineering principles for efficient and low-power neuromorphic computing; together with new theories, architectures and algorithms for neuromorphic computation (classification, control,...), learning (including unsupervised, incremental, single-shot and/or event-based) and adaptation/plasticity for and in such new neuromorphic hardware.</p> <p>These should be brought together in systems or artefacts that demonstrate clear advantages for replacing or complementing state-of-the-art conventional approaches in challenging end-to-end scenarios of use (e.g., on-line edge computing, personalisation, embedded, robotic/agent control,...) in various fields of applications.</p> <p>The Commission considers that proposals requesting a contribution from the EU between EUR 4 and 5 million and with a duration of up to 4 years would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.</p> <p>Expected Impact: The action will contribute to:</p> <ul style="list-style-type: none"> • Bring neuromorphic engineering at the level where it can be benchmarked in terms of performance, power consumption, size, latency or other relevant metric e.g., for learning capacity, speed or plasticity, and its interfaces be standardised; • Pave the way to market take-up of neuromorphic computing in a range of existing and new application areas, with demonstrable advantages, either as stand-alone or complementing more conventional solutions; • Stimulate the emergence of a European innovation ecosystem around neuromorphic engineering, well beyond the world of research alone.
Proračun:	15.000.000 EUR

AI for Genomics and Personalised Medicine - Digitising and transforming European industry and services (DT)

Več informacij: [Spletna stran razpisa](#)

Rok prijave: 22.4.2020

Opis:

Specific Challenge:
Several national and regional initiatives already support the pooling of genomic and other health data to advance research and personalised medicine. The next step is to make use of the existing infrastructures and initiatives for the successful exploitation of genomic data to facilitate personalised medicine.

The challenge is to demonstrate the potential and benefits of AI technologies for identifying new knowledge, support clinical research and decision making by linking Europe's relevant genomic repositories, while ensuring full compliance with data protection legislation and ethical principles.

Scope:
Proposals should demonstrate the potential and benefits of AI technologies for advancing research and personalised medicine through the linking of relevant genomics data and repositories, according to adequate organisational, regulatory, security, ethical and technical requirements.

Proposals should develop and test AI solutions for linking genomics repositories across the EU, including banks of "-omics" and health related data, biobanks and other registries (including e.g. rare disease registries), with the view of supporting clinical research and decision making. By combining sequenced genomic data and other medical data, physicians and researchers can understand better diseases at a personal level and can determine the most appropriate treatment for a particular person. The focus should be to reduce the burden of diseases for which a treatment exists and to apply such treatments in a more targeted way, to identify new evidences on the predictive value of the AI solutions and to enhance the diagnostic capacity e.g. for rare or low prevalence and complex diseases.

Proposals should demonstrate a potential to build a large-scale distributed repository of relevant genomic data and other -omics and medical data that will enable to advance validation of the new clinically impactful insights supported through AI solutions. Proposals should ensure compliance with the relevant privacy, cybersecurity, ethical and legal rules. Sex and gender aspects should be considered appropriately. The European Open Science Cloud Initiative (EOSC) may facilitate the access of researchers to the newest data managing technologies, High Performance Computing facilities to process and analyse data and to a European Open Science Cloud list of ICT services while ensuring the appropriate data safety and protection. Proposals should address technical specifications and standards for the secure access and exchange of cross-border genomic and other health data, and collaborate with actions selected under the topic SC1-HCC-06-2020 as relevant for achieving progress towards the expected impacts.

Expected Impact:

- The proposal should provide appropriate indicators to measure its progress and specific impact in the following areas:
- Supporting the development and testing of AI technologies on genomics and other linked -omics and health data repositories for identifying new knowledge, support clinical research and decision making, leading to more reliable and meaningful outcomes for advancing research and personalised medicine.

	<ul style="list-style-type: none"> • Promoting the sharing of data and infrastructure for prevention and personalised medicine research, concretely a European network on genomics, seeking to link it with ongoing '-omics' and human cell mapping initiatives. • Effectiveness of AI technologies for genomics and personalised medicine. • Measuring patient-based value healthcare outcomes for impact assessment on how genomics, personalised medicine and patient outcomes can help to implement value-based healthcare in Europe. • Contributing to developing technical specifications for secure access and cross-border exchange of genomic and other –omics and health datasets in Europe for research purposes. • Facilitating interoperability of relevant registries (including e.g. rare disease registries) and databases in support of genomics and personalised medicine research. • Supporting the pooling of health data and resources across the EU, and demonstrate the benefits for advancing research, disease prevention and personalised medicine. • Contributing to standards for genomic data generation, analysis, privacy and sharing of genomic and associated clinical and other phenotype data, including self-reported data, data from wearables, omics, and imaging. • Contributing to the European Cloud Initiative, notably by providing open, reusable data for prevention, genomics and personalised medicine research. • Increasing the trust of users (healthcare professionals and patients) and other stakeholders on AI solutions to process and link genomics data with other –omics and health related data for better decision-making and value-based patient health outcomes.
Proračun:	35.000.000 EUR

RAZPISI ZA SOFINANCIRANJE PROJEKTOV NA PODROČJU DIGITALNE PREOBRAZBE V ZDRAVSTVU IN ZDRAVSTVENI OSKRBI ZA LETO 2020	
Več informacij:	Spletna stran razpisa
Rok prijave:	22.4.2020
Opis:	<p>V okviru prednostne naloge »družbeni izzivi – zdravje, demografske spremembe in blaginja prebivalstva« programa za raziskave in inovacije Obzorje 2020 je bilo 19. novembra 2019 objavljenih šest razpisov za sofinanciranje projektov na področju digitalne preobrazbe v zdravstvu in zdravstveni oskrbi:</p> <ul style="list-style-type: none"> • Personalised early risk prediction, prevention and intervention based on Artificial Intelligence and Big Data technologies • International cooperation in smart living environments for ageing people • Accelerating the uptake of computer simulations for testing medicines and medical devices • Pre-commercial Procurement for Digital Health and Care Solutions • Scaling up innovation for active and healthy ageing • Supporting deployment of eHealth in low and lower middle income countries in Africa for better health outcomes

EVROPSKE RAZISKOVALNE INFRASTRUKTURE, VKLJUČNO Z E-INFRASTRUKTURAMI - ODPRTE RAZISKOVALNE INFRASTRUKTURE EVROPSKEGA INTERESA	
Več informacij:	Spletna stran razpisa
Rok prijave:	17.3.2020
Opis:	V okviru prednostne naloge »odlična znanost« programa za raziskave in inovacije Obzorje 2020 sta bila 28. novembra 2019 objavljena dva javna razpisa za sofinanciranje projektov v okviru delovnega programa »Evropske raziskovalne infrastrukture, vključno z e-

	infrastrukturami«, in sicer za področje odprte raziskovalne infrastrukture evropskega interesa: <ul style="list-style-type: none"> • Integrating Activities for Starting Communities • Pilot for a new model of Integrating Activities
Proračun:	160.000.000 EUR

EVROPSKE RAZISKOVALNE INFRASTRUKTURE, VKLJUČNO Z E-INFRASTRUKTURAMI - VLOGA RAZISKOVALNIH INFRASTRUKTUR PRI PRENOSU ODPRTE ZNANOSTI V ODPRTO INOVIRANJE	
Več informacij:	Spletna stran razpisa
Rok prijave:	17.3.2020
Opis:	V okviru prednostne naloge »odlična znanost« programa za raziskave in inovacije Obzorje 2020 sta bila 28. novembra 2019 objavljena dva javna razpisa za sofinanciranje projektov v okviru delovnega programa »Evropske raziskovalne infrastrukture, vključno z e-infrastrukturami«, in sicer za področje vloge raziskovalnih infrastruktur pri prenosu odprte znanosti v odprto inoviranje: <ul style="list-style-type: none"> • Co-Innovation platform for research infrastructure technologies • Innovation pilots
Proračun:	65.000.000 EUR

PAMETEN, ZELEN IN INTEGRIRAN TRANSPORT - AVTOMATIZACIJA CESTNEGA PROMETA	
Več informacij:	Spletna stran razpisa
Rok prijave:	21.4.2020
Opis:	V okviru programa za raziskave in inovacije Obzorje 2020 sta bila 3. decembra 2019 objavljena dva javna razpisa za sofinanciranje projektov v okviru delovnega programa »pameten, zelen in integriran transport«, in sicer za področje avtomatizacije cestnega prometa: <ul style="list-style-type: none"> • Efficient and safe connected and automated heavy-duty vehicles in real logistics operations • Large-scale, cross-border demonstration of connected and highly automated driving functions for passenger cars
Proračun:	50.000.000 EUR

GRADNJA NIZKOOGLJIČNE PRIHODNOSTI, ODPORNE PROTI PODNEBNIM SPREMEMBAM - NASLEDNJA GENERACIJA BATERIJ	
Več informacij:	Spletna stran razpisa
Rok prijave:	različno
Opis:	V okviru programa za raziskave in inovacije Obzorje 2020 so bili 3. decembra objavljeni novi medsektorski razpisi na temo gradnje nizkoogljične prihodnosti, odporne proti podnebnim spremembam - naslednja generacija baterij: <ul style="list-style-type: none"> • Novel methodologies for autonomous discovery of advanced battery chemistries (rok prijave: 16. januar 2020) • Sensing functionalities for smart battery cell chemistries (rok prijave: 16. januar 2020) • Self-healing functionalities for long lasting battery cell chemistries (rok prijave: 16. januar 2020) • Coordinate and support the large scale research initiative on Future Battery Technologies (rok prijave: 16. januar 2020) • Next generation and realisation of battery packs for BEV and PHEV (rok prijave: 21. april 2020)

	<ul style="list-style-type: none"> • Reducing the cost of large batteries for waterborne transport (rok prijave: 21. april 2020) • Next-generation batteries for stationary energy storage (rok prijave: 21. april 2020) • Hybridisation of battery systems for stationary energy storage (rok prijave: 21. april 2020)
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Marie Skłodowska-Curie Research and Innovation Staff Exchange	
Več informacij:	Spletna stran razpisa
Rok prijave:	28.4.2020
Opis:	<p>The RISE scheme promotes international and cross-sector collaboration through exchanging research and innovation staff, and sharing knowledge and ideas from research to market (and vice-versa).</p> <p>The scheme fosters a shared culture of research and innovation that welcomes and rewards creativity and entrepreneurship and helps to turn creative ideas into innovative products, services or processes.</p>
Proračun:	80.000.000 EUR

ERASMUS+

ERASMUS + Key action three – support for policy reform – European policy experimentations in the fields of education and training led by high-level public authorities	
Več informacij:	Spletna stran razpisa
Rok prijave:	21.4.2020
Opis:	<p>The Education, Audiovisual and Culture Executive Agency invites proposals via its Erasmus+ programme for key action three – support for policy reform – European policy experimentations in the fields of education and training led by high-level public authorities. This supports projects testing the relevance, effectiveness, potential impact and scalability of policy measures through parallel field trials in different countries, based on semi-experimental approaches and common evaluation protocols in order to promote evidence-based policy at European level. Proposals may address one of the following priorities:</p> <ul style="list-style-type: none"> • digital education and competences; • teaching and teachers; • funding mechanisms for upskilling and reskilling, including schemes similar to individual learning accounts; • policy and processes to support the validation of non-formal and informal learning, including through effective guidance. <p>Public authorities responsible for education and training at the highest level, public or private organisations active in the fields of education of training or other relevant fields, and public or private organisations or institutions carrying out cross-sector activities linked to education and training in other socioeconomic sectors, may apply. Consortia must consist of at least four entities representing three different countries from EU member states, EFTA and EEA countries and EU candidate countries. At least three public authorities, each from a different programme country, and at least one public or private entity from an EU member state with expertise in analysis and policy impact evaluation, should be included in the consortium.</p>

	The total indicative budget is worth €14 million. Grants are worth up to €2m and cover up to 75 per cent of the total eligible project costs.
Proračun:	14.000.000 EUR

OTHER CALLS

Call for proposals on fighting organised property crime (ISFP-2019-AG-OPC)	
Več informacij:	Spletna stran razpisa
Rok prijave:	12.2.2020
Opis:	Activities aiming at boosting the operational activities of law enforcement authorities with regard to the mobile nature of organised criminal groups in relation to organised property crime and other criminal markets, including synergies between them.
Proračun:	700.000 EUR

EURIPIDES² and PENTA joint call	
Več informacij:	Spletna stran razpisa
Rok prijave:	18.2.2020
Opis:	EURIPIDES ² in PENTA podpirata projekte, ki jih je mogoče hitro vzpostaviti in izvesti na način, ki ustreza specifičnim potrebam zastavljenih ciljev projekta in udeležencem. Shemi EURIPIDES ² in PENTA sta industrijsko in aplikativno usmerjeni ter tehnično inovativni. Projekti lahko razvijejo inovativen izdelek, postopek ali storitev. Ključna področja razpisa so: promet in pametna mobilnost, zdravje in dobro počutje, energija, digitalna industrija, digitalno življenje

TENDERS

TENDER - User-friendly information tool on urban and regional vehicle access regulation schemes	
Več informacij:	Spletna stran razpisa
Rok prijave:	14.2.2020
Opis:	The Directorate-General for Mobility and Transport invites tenders for a pilot project on user-friendly information tool on urban and regional vehicle access regulation schemes. The tenderer will carry out a pilot project focusing on enabling road users, in particular motorists, to be fully informed about urban and regional access schemes. The tenderer will also work on standardisation and data provision for the integration of the information in tools such as apps or navigation devices. The geographical scope of the project should include at least four member states covering approximately 80 per cent of existing urban vehicles. Legal and natural persons based in EU member states may submit bids. The contract is worth €1 million over 24 months.
Proračun:	1.000.000 EUR

TENDER - Actions to extend the availability and improve the quality of debt-advice services for European households	
Več informacij:	Spletna stran razpisa
Rok prijave:	20.1.2020
Opis:	<p>The Consumers, Health, Agriculture and Food Executive invites tenders for actions to extend the availability and improve the quality of debt-advice services for European households. The tenderer will provide services which allow the Directorate-General for Justice and Consumers to dispose of the knowledge necessary for further actions in the area of debt-advice. The following should be provided:</p> <ul style="list-style-type: none"> • a quantitative analysis of the resources needed by debt-advisors which includes a cost-benefit analysis of the impact of debt-service on over-indebted households; • organisation of two targeted events aimed at fostering the exchange of best practices between debt-advice practitioners; • the organisation and implementation of 12 capacity building events in EU member states where debt-advice is not adequately provided. <p>Legal and natural persons based in EU member states may submit bids.</p> <p>The contract is worth €900,000 over up to 18 months.</p>
Proračun:	900.000 EUR

TENDER - Policy development and implementation assessment of industrial emissions legislation	
Več informacij:	Spletna stran razpisa
Rok prijave:	14.1.2020
Opis:	<p>The Directorate-General for the Environment invites tenders for policy development and implementation assessment of industrial emissions legislation. The tenderer will support the Commission in overseeing and further developing policy related to the environmental impacts of industry, among other things under the industrial emissions directive, the European pollutant release and transfer register regulation, the mercury regulation, and the seveso III directive. The aim is to underpin amendments or legislative proposals accounting for the Commission's delivery on the European green deal.</p> <p>Legal or natural persons based in EU states or authorised countries under the WTO procurement agreement may submit bids.</p> <p>The contract is worth €10 million over two years.</p>
Proračun:	10.000.000 EUR

TENDER - Copernicus Land monitoring service – Copernicus Land portal	
Več informacij:	Spletna stran razpisa
Rok prijave:	18.12.2019
Opis:	<p>The European Environment Agency invites tenders for Copernicus land monitoring service – Copernicus land portal. The tenderer will design, develop, deploy and populate the land portal, as well as provide consultancy services related to operations and maintenance, content and data management, user support and further limited developments of the land portal.</p> <p>Legal and natural persons based in EU member states may submit bids.</p> <p>The contract is worth €2.5 million over 48 months.</p>
Proračun:	2.500.000 EUR

PONUDBE ZA PARTNERSTVA

Travel grants for the 15th RDA Plenary, Melbourne, Australia	
Rok prijave:	3.2.2020
Opis:	<p>RDA Europe is offering up to 7 Early Careers and 5 Experts grants designed to support participation to the 15th RDA Plenary meeting (18-20 March 2020, Melbourne, Australia).</p> <p>CALL FOR EARLY CAREER RESEARCHERS AND SCIENTISTS WORKING WITH DATA - https://grants.rd-alliance.org/OpenCalls/call-early-careers-rda-15th-plenary</p> <p>RDA Europe is seeking applications from students and early career professionals from higher education or research institutions with studies focusing on research data sharing and exchange challenges. The Early Career support programme will offer up to seven grants of maximum €2400. The RDA Europe Early Career programme provides financial support as well as an opportunity for early-career researchers working with data to share ideas, experiences and practical advice, and learn what leading data scientists and practitioners in their fields are currently working on.</p> <p>CALL FOR RESEARCHERS AND DATA EXPERTS - https://grants.rd-alliance.org/OpenCalls/call-experts-rda-15th-plenary</p> <p>The purpose of the expert grants is to encourage and support the participation of individuals who have a strong interest in RDA, and are drivers or adopters of the RDA outputs to enable data sharing by or from their project or organization. If you are a mid-career or senior data professional or scientist, interested or already committed to RDA activities you can apply for one of five grants of maximum €2400 to support your participation to the 15th Plenary meeting.</p> <p>The submission deadline for both is the 3rd of February 2020, 17:00 CET.</p> <p>RDA Europe aims for balanced distribution of grants across all European regions and strongly encourages applicants from EU13 countries in this final call for Early Careers and Experts available under the RDA Europe 4.0 project. EU13 countries are: Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Romania, Slovakia and Slovenia.</p>

Aarhus University's call for AIAS-COFUND II fellowships at the Aarhus Institute of Advanced Studies	
Rok prijave:	17.1.2020
Opis:	<p>AIAS is pleased to announce that we have up to 15 AIAS-COFUND Marie Skłodowska-Curie fellowships available at Aarhus Institute of Advanced Studies, AIAS, for talented junior and senior researchers from all academic disciplines.</p> <p>The application deadline is 17 January 2020 Commencement date: 1 October 2020 and 1 February 2021.</p> <p>Read about AIAS and the fellowship programme and see the Guide for Applicants at: www.aias.au.dk https://aias.au.dk/opportunities-at-aias/aiasfellowships/aias-cofund-fellowships/</p> <p>If you have any questions, please do not hesitate to contact, Programme Manager, Helle Villekold: helle@aias.au.dk</p>

Research Associate Employment Opportunities at RISE	
Opis:	<p>RISE is the Research Centre of Excellence in Cyprus focusing on Interactive media, Smart systems and Emerging technologies aiming to empower knowledge and technology transfer in the region. It is a joint venture between the three public universities of Cyprus - University of Cyprus, Cyprus University of Technology, and, Open University of Cyprus, the Municipality of Nicosia, and two renowned international partners, the Max Planck Institute for Informatics, Germany, and, the University College London, United Kingdom. The Centre was established through the support of the European Union's Horizon 2020 Research and Innovation Programme (H2020 – WIDESPREAD – 2016-2017 – Teaming Phase 2).</p> <p>Job postings they have for Research Associates – part of three different Multidisciplinary Research Groups:</p> <ol style="list-style-type: none"> 1. Deep Camera MRG – position open until filled - http://www.rise.org.cy/en-gb/vacancies/job-listings/research-associate-s-for-deepcamera-multidiscip/ 2. LEAR MRG – position open until filled - http://www.rise.org.cy/en-gb/vacancies/job-listings/research-associate-position-s-learning-agents-a/ <p>Please note that all their job listings can be found here: http://www.rise.org.cy/en-gb/vacancies/job-listings/</p> <p>Aliki Varella, Coordinator of Brussels Office, European Office of Cyprus Rue du Luxembourg 3, 2nd floor, B-1000, Brussels Tel/Fax: +32 (0) 2 280 22 85, Mob: +32 (0) 494 84 41 93 E-mail: varella.aliki@ucy.ac.cy, eoc.brussels@ucy.ac.cy, Website: www.eoc.org.cy</p>

Seeking collaborators for Migration-09-2020 'Narratives on migration and its impact: past and present'	
Več informacij:	Spletna stran razpisa preko platforme Crowdhelix
Opis:	<p>A team of researchers at University of Milan are interested in joining (as partner) a consortium for the call Migration-09-2020 Narratives on migration and its impact: past and present.</p> <p>The Milan team includes scholars in experimental and behavioral economy and in criminal law (with a special focus on “Crimmigration”). Concerning the specific topic, they aim to design an intervention that delivers to a sample of native citizens a positive narrative about migrants and test its influence on their attitude towards migrants and on behavioral outcome measures. The experiment will include positive information aimed at fixing some common misrepresentations of migrants as wrongdoers and criminals.</p> <p>For a more detailed description of expertise, activities proposed for the call and expected results, please read the attached file.</p>

Erasmus+ Capacity Building Higher Education project [Erasmus+ KA2 CBHE Call 2020](#) CESIE

Opis: [CESIE](#) (Palermo, Italy) is a European centre of Studies and Initiatives with **15 years' experience in a research and development to foster innovation in socio-economic, educational and cultural areas based on an inclusive transdisciplinary approach.**

Furthermore, our NGO is an orientation and VET provider accredited by the Region of Sicily for the areas: Lifelong Learning and Higher Education.

Joining your Consortium, **we offer EU market-based expertise for Higher Education sector**, in particular:

<p>Experience of more than 600 projects implemented since 2001</p>	<p>Knowledge and skills in these Research Fields:</p> <ul style="list-style-type: none"> • Innovative, inclusive and reflective societies (including education, employability, entrepreneurship and leadership) • Information and communication technologies • Renewable and efficient energy • Cultural heritage • Health and wellbeing • Environment and resource efficiency • Smart and sustainable transport • Sustainable tourism and agriculture 	<p>Specific Expertise for the HE field:</p> <ul style="list-style-type: none"> • Needs analysis of target groups and transfer and adaption of good practices; • Development of innovative learning tools (MOOCs, OERs, online platforms, etc.) and methodologies; • Trainings of different target groups (students/academics & administrative staff/business/adults, etc.); • Policy development guidelines; • Project quality control; • Results' dissemination/exploitation of in cohesion with EU funding rules
<p>70 multilingual staff members</p> <p>150 experts</p> <p>100 volunteers and internship students per year</p>	<p>87 countries network for consortium creation, project development and implementation, knowledge transfer and exchange</p>	<p>6 units operating in specific areas</p> <p>accompanied by a specialised</p> <p>Visibility and Communication team</p>

Additionally, we would like to underline, that from 2012 our [Higher Education and Research Unit](#) was directly involved in more than [twenty interdisciplinary R&I and capacity building projects](#) and we would be happy to transfer gained experience into your proposal under one or more EU funded programmes: [Horizon 2020, Erasmus+ \(KA1, KA2, KA3\), Marie Curie, AMIF, REC, COST etc.](#)

For more detailed communication regarding the potential cooperation, feel free to contact me via email: caterina.impastato@cesie.org .

➤ **Informacije s področja MSCA RISE**

 [Leaflet](#)

 [FAQ Blog](#)

 [Statistics](#)

 [Success Stories](#)

 [EOI](#)

 [Webinar on RISE](#)

➤ **Vabilo na konferenco v počastitev 100-letnice Univerze v Ljubljani, ki bo 15. januarja 2020 v Bruslju**

Rektor Univerze v Ljubljani prof. dr. Igor Papič in predsednik uprave SBRA izred. prof. dr. Draško Veselinovič vabita na konferenco v počastitev 100-letnice Univerze v Ljubljani, ki je članica SBRA. Konferenca bo v sredo, 15. januarja 2020, ob 9. uri v prostorih banke KBC na Grand Place 17 v Bruslju. Vzpostavitev univerze je bila zgodovinski dan za Slovence, saj so prvič v zgodovini dobili znanstveni, učni in kulturni center. V prvem akademskem letu 1919/1920 je bilo vpisanih 942 študentov, od tega 28 študentk. Čeprav je bilo študentov več kot študentk, je bil prvi doktorski naslov podeljen ženski, kar je bilo takrat redkost tako v Evropi kot v svetu.

Za dodatne informacije, **program** in **registracijo** kliknite **tukaj**.

➤ **V Mariboru so zagnali prototipni superračunalnik HPC RIVR @ UM**

Na sedežu Univerze v Mariboru so simbolno zagnali prototipni superračunalnik HPC RIVR @ UM. Namenjen je razvoju in testiranju rešitev, na podlagi katerih bodo na Institutu informacijskih znanosti (IZUM) zgradili superračunalniški sistem, ki bo med 40 najzmogljivejšimi na svetu. Zgradili ga bodo v okviru evropskega projekta Nadgradnja nacionalnih raziskovalnih infrastruktur (HPC RIVR). Prijaviteljica in koordinatorica tega projekta je Univerza v Mariboru, katere članica je tudi Fakulteta za elektrotehniko, računalništvo in informatiko Univerze v Mariboru (FERI).

Skupno podjetje za evropsko visokozmogljivostno računalništvo (EuroHPC) je letos izbralo osem centrov za superračunalništvo, ki bodo gostili prve superračunalnike projekta EuroHPC, med njimi tudi slovenskega iz Maribora.

Projekt Nadgradnja nacionalnih raziskovalnih infrastruktur – HPC RIVR je namenjen vzpostavitvi nacionalnega superračunalniškega centra z glavnim ciljem krepitve nacionalnih visokozmogljivih računskih kapacitet za potrebe slovenskega raziskovalno-inovacijskega in gospodarskega prostora.

Prijavitelj in koordinator projekta HPC RIVR je Univerza v Mariboru (UM), kjer bodo potekale razvojno-raziskovalne aktivnosti, konzorcijska partnerja na projektu pa sta Institut informacijskih znanosti (IZUM), kjer bo postavljen Primarni računalnik in bodo potekale systemske podporne aktivnosti, ter Fakulteta za informacijske študije v Novem mestu (FIŠ), kjer bo postavljena oprema za oddaljeni dostop in bodo potekale razvojno-raziskovalne aktivnosti.

Projekt HPC RIVR je zasnovan kot nacionalna infrastruktura odprtega dostopa. Temelji na izhodiščih Evropske listine o dostopu do raziskovalnih infrastruktur (European Charter for Access to Research Infrastructures).

Koristne informacije:

- Spletna stran skupnega podjetja za evropsko visokozmogljivostno računalništvo (EuroHPC): <https://eurohpc-ju.europa.eu/index.html>
- Spletna stran projekta HPC RIVR: <https://www.hpc-rivr.si/>

➤ **HHL Leipzig Graduate School of Management zaposli mladega raziskovalca**

HHL Leipzig Graduate School of Management v okviru evropskega projekta MSCA-ITN-ETN LimnoPlast - Microplastics in Europe's freshwater ecosystems: From sources to solutions zaposli s 1. majem 2020 za 36 mesecev zaposli mladega raziskovalca, ki bo pri njih naredil doktorat. Rok za prijavo kandidatov je 31. januar 2020. Prijavo je treba poslati po elektronski pošti prof. dr. Livu Jaeckelu (liv.jaeckel@hhl.de ali ljaeckel@mailserver.tu-freiberg.de) ali prof. dr. Tobiasu Dauthu (tobias.dauth@hhl.de). Eden od 12 partnerjev v projektu LimnoPlast je Kemijski inštitut, ki je član SBRA.

Več: [Spletna stran, na kateri je objavljen razpis](#)

In [Spletna stran z informacijami o projektu LimnoPlast](#)

➤ **Objavljeno je končno poročilo o strategiji implementacije programa Obzorje Evropa**

Poenostavitve programa Obzorje 2020 so dobra podlaga za poenostavitve programa Obzorje Evropa, novega programa za znanost, raziskave in inovacije v finančnem obdobju 2021-2027, Evropska komisija navaja v končnem poročilu o strategiji za implementacijo programa Obzorje Evropa.

Več: [Poročilo](#)

➤ **Inovativna mala in srednja podjetja dobijo podporo v višini 278 milijonov evrov**

Evropska komisija bo 75 inovativnim zagonskim ter malim in srednjim podjetjem prek Evropskega sveta za inovacije (EIC) namenila več kot 278 milijonov evrov za lažje uveljavljanje idej na trgu. Tako nepovratna sredstva kot tudi neposredne naložbe v obliki zasebnega kapitala v višini do 17,5 milijona evrov bo prejelo 39 podjetij. Med izbranimi projekti so denimo vzpostavitev prvega globalnega omrežja interneta stvari z nizkocenovnimi sateliti z nizkimi emisijami, proizvodnja trajnostnih goriv z uporabo organskih materialov in razvoj tehnologij, ki jih umetna inteligenca uporablja za pomoč bolnikom z resnimi poškodbami možganov. EIC je trenutno v pilotni fazi (obdobje 2018–2020), v celoti pa bo deloval od leta 2021 v okviru naslednjega programa EU za raziskave in inovacije Obzorje Evropa. Med izbranimi podjetji ni nobenega iz Slovenije. Člani lahko na SBRA dobijo informacije o EIC in možnostih za pridobitev pomoči prek njega.

Več: [Sporočilo Evropske komisije s povezavo na seznam izbranih podjetij](#)

➤ **Slovenija je med 18 državami, ki so podpisale izjavo o kvantni komunikacijski infrastrukturi v Evropi**

Slovenija je skupaj še 8 državami članicami EU podpisala izjavo o kvantni komunikacijski infrastrukturi v Evropi. V imenu Slovenije je izjavo podpisal minister za javno upravo Rudi Medved. Vseh podpisnic izjave je zdaj 18, ki z njo izražajo pripravljenost, da v sodelovanju z Evropsko komisijo v naslednjih desetih letih vzpostavijo izjemno varno evropsko komunikacijsko infrastrukturo. Gre za projekt, ki je pomemben za pripravo naslednje generacije komunikacijske varnosti z uporabo kvantno varnega šifriranja.

Vzpostavitev kvantne komunikacijske infrastrukture je s pred kratkim objavljeno belo knjigo podprla tudi evropska kvantna industrija. Podpisalo jo je 24 velikih podjetij, ki proizvajajo sisteme in izdelke kvantne tehnologije.

Kvantna komunikacijska infrastruktura bo sestavljena iz dveh elementov. Enega na Zemlji in enega v vesolju. Prvi bo omogočil povezavo strateških središč v EU prek obstoječih optičnih omrežij, drugi pa omogočil komunikacije na dolge razdalje v EU in z drugimi kontinenti.

Države, ki so podpisale izjavo o kvantni komunikacijski infrastrukturi v Evropi morajo priprave končati do konca leta 2020. V izvedbi je že pilotni projekt OPENQKD. Element v vesolju bo vzpostavljen v sodelovanju z Evropsko vesoljsko agencijo.

Koristne informacije:

- Spletna stran Evropske komisije z informacijami o projektu: <https://ec.europa.eu/digital-single-market/en/news/nine-more-countries-join-initiative-explore-quantum-communication-europe>
 - Bela knjiga evropske kvantne industrije: http://www.qtspace.eu/sites/testqtspace.eu/files/other_files/IndustryWhitePaper_V3.pdf
 - Spletna stran z informacijami o projektu OPENQKD: <https://cordis.europa.eu/project/rcn/224682/factsheet/en>
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➤ **Objavljeni so razpisi programa Obzorje 2020 za področje energije, mobilnosti in baterij naslednje generacije**

Evropska komisija je na podlagi programa Obzorje 2020 objavile javne razpise za zbiranje prijav energetskega projektov, projektov za razvoj baterij naslednje generacije, projektov s področja transporta in mobilnosti. Za vse skupaj je na voljo 377 milijonov evrov. Člani lahko na SBRA dobijo podrobnejše informacije o razpisih in pomoč pri pripravi prijav pa tudi iskanju konzorcijev in partnerjev. Razpisi so odprti do 21. aprila 2020.

Za projekte s področja obnovljivih virov energije je objavljenih šest razpisov prek katerih je skupaj na voljo 83 milijonov evrov. Za razvoj baterij naslednje generacije so objavljeni štiri razpisi prek katerih je na voljo 90 milijonov evrov.

Za projekte s področja transporta je prek šestih razpisov na voljo 105 milijonov evrov, prek 15 razpisov za projekte s področja mobilnosti za rast pa 99 milijonov evrov.

Podlaga za razpise je program dela programa Obzorje 2020 za leto 2020. Evropska komisija je od 25. do 27. junija v Bruslju organizirala informativni dan za pripravljavce projektov s področja energije, 7. oktobra pa za področje transporta, mobilnosti in baterij. Posnetki predstavitev in razprav so na voljo na spletu.

Koristne informacije:

- Razpisi s področja mobilnosti za rast: <https://ec.europa.eu/inea/en/news-events/newsroom/eur-99-million-available-horizon-2020-mobility-growth-projects>
- Razpisi s področja transporta: <https://ec.europa.eu/inea/en/news-events/newsroom/eur-105-million-available-horizon-2020-transport-projects>
- Razpisi za projekte za razvoj baterij naslednje generacije: <https://ec.europa.eu/inea/en/news-events/newsroom/eur-90-million-available-horizon-2020-new-next-generation-batteries-projects>
- Razpisi za energetske projekte: <https://ec.europa.eu/inea/en/news-events/newsroom/eur-83-million-available-horizon-2020-energy-projects>

- Spletna stran z informacijami in posnetki informativnega dneva za pripravljavce energetskih projektov: <https://ec.europa.eu/inea/en/news-events/events/horizon-2020-energy-info-days>
 - Spletna stran z informacijami in posnetki informativnega dneva za pripravljavce projektov s področja transporta, mobilnosti in baterij: <https://ec.europa.eu/inea/en/news-events/events/horizon-2020-transport-info-day-0>
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➤ **Nesoglasja pri pripravi proračuna za 2021-2027 upočasnila priprave na Obzorje Evropa**

Priprava podrobnih načrtov za Obzorje Evropa se zna upočasniti, če pogajanja o naslednjem sedemletnem proračunu ne bodo zaključena v začetku prihodnjega leta, je opozoril Jean-Eric Paquet, generalni direktor Evropske komisije za raziskave in inovacije.

Paquet je na sestanku odbora za industrijo Evropskega parlamenta v sredo dejal, da namerava Komisija v začetku prihodnjega leta sestaviti "natančnejše strateško načrtovanje", ki bo določilo vsebino delovnih programov in razpise za prve štiri leta Horizon Europe, novega programa EU za raziskave in inovacije.

Pogajanja o proračunu se nadaljujejo, toda komisija je zaskrbljena zaradi znatnih zmanjšanj, ki jih je predlagalo finsko predsedstvo v začetku tega tedna, kar bi imelo za posledico proračun, ki bi bil nižji od pričakovanj Evropskega parlamenta in komisije. Namesto da bi vsaka država članica prispevala 1,11 odstotka bruto nacionalnega dohodka, Finci predlagajo 1,07 odstotka. To bi pomenilo zmanjšanje proračuna Horizon Europe za 3 milijard EUR.

Predsednica Evropske komisije Ursula von der Leyen se bo prihodnji teden sestala z voditelji držav EU, da bo Svet EU prepričala, da ne bo omejevala programov komisije, in varovala njen ambiciozen program inovacij.

Dokler proračun ne bo opredeljen, komisija tudi ne bo mogla določiti praktičnih podrobnosti o industrijskih partnerstvih v Horizon Europe, je dejal Paquet. "Dajanje predlogov o partnerstvih, ne da bi vedeli o proračunu, bo zelo zahtevno," je dejal.

Vendar bo komisija nadaljevala z delom in do marca 2020 zaključila ocene učinka raziskovalnih partnerstev ter poleti pripravila pravni predlog.

➤ Prof.dr. Jean-Pierre Bourguignon po šestih letih zapušča EUR

Ta teden je v Bruslju potekal dogodek v organizaciji ERC, ki je izpostavil pomen temeljnih raziskav za trajnostno prihodnost Evrope in ki je hkrati pomenil tudi slovo prof. Bourguignona.

Predsednik Evropskega raziskovalnega sveta (ERC) Jean-Pierre Bourguignon je raziskovalce pozval, naj pokažejo svoj "borbeni duh" pri pogovorih o financiranju, ko se je ta teden poslovil funkcije predsednika ERC.

Bourguignon, ki konec leta 2019 odhaja po šestih letih vloge, je pomagal pri velikem povečanju proračuna za temeljno znanost in ustanovil ERC med najprestižnejšimi tovrstnimi organizacijami na svetu.

V govoru se je prof. Bourguignon spomnil nekaterih svojih najboljših trenutkov na delovnem mestu, vključno s tem, kako je leta 2015 ob pomoči skupine dobitnikov Nobelove nagrade preprečil zmanjšanje sredstev za ERC za približno 500 milijonov EUR, ki jih je prejšnja Junckerjeva komisija želela prenesti v sklad za strateške investicije, t.i. Junckerjev sklad.

Prof. Bourguignonu so se v torek poklonili številni vrhunski znanstveniki, med njimi Nobelov nagrajenec sir Peter Ratcliffe, direktorica National Science Foundation iz ZDA prof. France Cordova, direktor inštituta za napredne študije iz Princeton Robbert Dijkgrav, nova komisarka za raziskave, inovacije, izobraževanje, kulturo in mlade Mariya Gabriel in številni prejemniki ERC donacij.

Vodenje ERC bo 1. januarja 2020 prevzel Nanobiolog Mauro Ferrari. Ferrari je bil nazadnje predsednik in izvršni direktor Raziskovalnega inštituta Houston Methodist, iz katerega se je februarja upokojil.

Prof. Bourguignon se bo vrnil k matematiki in zasedel častno mesto profesorja na Inštitutu za napredne znanstvene študije v Bures-sur-Yvette (inštitutu, ki ga je vodil). "Imel sem tudi več prošenj za naloge, povezane z ocenjevanjem in političnimi dejavnostmi," pravi.

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