

Announcement of the results of the 1st Call for Proposals of the KAPPA funding programme for applied research, experimental development and innovation

TA CR does not anticipate concluding a Project Contract with the applicants of the project proposals listed below due to the lack of available funding.

The project proposals listed in the tables below were recommended for funding, however, given the limited amount of funding allocated for this Call for Proposals, the Project Contract will not be concluded with the applicants of these project proposals.

1. CCS PROJECTS LIST

ORDER	PROJECT CODE	PROJECT TITLE	APPLICANT	PROJECT PARTNER(S)
6	TO01000351	Nanomaterial based cathodes for electrolytic CO2 abatement	[P] Ústav fyzikální chemie J. Heyrovského AV ČR, v. v. i.	[D] Norwegian University of Science and Technology
7	TO01000073	Deploying CCUS on Czech industries to enable European CO2 emissions mitigation	[P] Vysoká škola chemicko-technologická v Praze	[D] ŠKO-ENERGO, s.r.o. [D] SINTEF Energi AS [D] České vysoké učení technické v Praze
8	TO01000185	Cheaper microseismic monitoring of carbon diOxide sequestration	[P] Seismik s.r.o.	[D] Norwegian University of Science and Technology [D] University of Illinois Urbana-Champaign615 East [D] Univerzita Karlova

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9	TO01000153	Hybrid CCU technology for CO2 capture and utilization in a combustion plant	[P] České vysoké učení technické v Praze	[D] ACS International s.r.o. [D] SINTEF Energi AS [D] ČEZ Energetické produkty, s.r.o. [D] Vysoká škola chemicko-technologická v Praze

2. EEA AND NORWAY GRANTS LIST

ORDER	PROJECT CODE	PROJECT TITLE	APPLICANT	PROJECT PARTNER(S)
35	TO01000034	The role of intestinal microbial eukaryotes in human health	[P] Biologické centrum AV ČR, v. v. i.	[D] University of Stavanger [D] Stavanger universitetssjuehus [D] Medi Pharma Vision, s.r.o
36	TO01000188	CO2 TO ZERO	[P] Energy IN s.r.o.	[D] Oslo Metropolitan University
37	TO01000110	Monitoring and removal of antibiotic resistance and antibiotics from urban, industrial and agriculture wastewaters	[P] Vysoké učení technické v Brně	[D] Veterinární a farmaceutická univerzita Brno [D] ALS Czech Republic, s.r.o. [D] Norwegian Institute for Water Research
38	TO01000053	Innovative degradable implants with bioactive surface	[P] Vysoká škola báňská - Technická univerzita Ostrava	[D] Genis hf. [D] Innovation Center Iceland [D] Timplant s.r.o.

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39	TO01000163	Seeds for future forest and agriculture	[P] Masarykova univerzita	[D] Vysoké učení technické v Brně [D] Norwegian Institute of Bioeconomy Research (NIBIO) [D] OSEVA vývoj a výzkum s.r.o.
40	TO01000194	Semiconductor detectors for improving Quality of life	[P] České vysoké učení technické v Praze	[D] SINTEF AS [D] Státní ústav radiační ochrany, v. v. i. [D] Oslo University Hospital [D] University of Wollongong
41	TO01000231	Environmental Pollution, Health, and Labor Market - Experimental Evidence	[P] Národohospodářský ústav AV ČR, v.v.i.	[D] Ragnar Frisch Centre for economic research [D] Ústav zdravotnických informací a statistiky ČR [D] Univerzita Karlova [D] Masarykova univerzita
42	TO01000247	Positive energy communities: methodology for feasible transformation of municipal energy infrastructure towards positive energy districts	[P] České vysoké učení technické v Praze	[D] SINTEF AS [D] Feramat Energies, s.r.o. [D] Smart Innovation Norway AS
43	TO01000303	Ex vivo tissue engineering for prevention and therapy of organ fibrosis in humans	[P] Masarykova univerzita	[D] Oslo University Hospital [D] Biofyzikální ústav AV ČR, v. v. i.

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44	TO01000010	Integration of Acoustic Macrovegetation Mapping into Operational Management of Reservoirs.	[P] Biologické centrum AV ČR, v. v. i.	[D] Norwegian Institute for Water Research [D] Výzkumný ústav vodohospodářský T. G. Masaryka veřejná výzkumná instituce
45	TO01000014	Waste to Product: Adsorbent for Treatment of Water from Roads, Tunnels and Car Parks	[P] Vysoké učení technické v Brně	[D] Norwegian University of Science and Technology [D] ASIO NEW, spol. s r.o.
46	TO01000038	Smart tank	[P] Jihočeská univerzita v Českých Budějovicích	[D] Norwegian University of Science and Technology
47	TO01000081	Emerging Issues in Sustainable and Effective Regional Mobility Planning and Research	[P] Univerzita Jana Evangelisty Purkyně v Ústí nad Labem	[D] CITIQ s.r.o. [D] Transportøkonomisk institutt
48	TO01000084	Durable superhydrophobic and low surface energy coatings for anti-fouling and easy-to-clean applications	[P] Masarykova univerzita	[D] Nanize AS [D] SINTEF Narvik
49	TO01000130	Next generation biomimetic coating for bone graft substitute and immunomodulation.	[P] Ústav organické chemie a biochemie AV ČR, v. v. i.	[D] University of Oslo [D] Corticalis [D] Ústav molekulární genetiky AV ČR, v. v. i.
50	TO01000143	Low cost removal technologies of emerging pollutants from surface and groundwaters	[P] Výzkumný ústav vodohospodářský T. G. Masaryka veřejná výzkumná instituce	[D] METCENAS, o.p.s. [D] Norwegian Institute of Bioeconomy Research (NIBIO) [D] Výzkumný ústav meliorací a ochrany půdy, v. v. i.

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51	TO01000161	Smart and energy efficient indoor environmental solutions for sustainable health care facilities	[P] České vysoké učení technické v Praze	[D] Norges teknisk-naturvitenskapelige universitet (NTNU) [D] St Olavs hospital [D] Brand-Tech s.r.o.
52	TO01000200	Understanding Particle Interactions in Novel Isotropic Conductive Adhesive for Electronics Application	[P] Český metrologický institut	[D] Norwegian University of Science and Technology [D] Conpart AS
53	TO01000241	VRLibs: Immersive visualization in interdisciplinary research and academic libraries	[P] Masarykova univerzita	[D] University of Oslo [D] Corinth s.r.o.
54	TO01000248	Ensuring smart autonomous mobility with appropriate transport safety solutions in a defined area	[P] České vysoké učení technické v Praze	[D] Forus PRT AS [D] University of Stavanger [D] Projekce dopravní Filip s.r.o. [D] Tritium Systems, s.r.o. [D] CEDA Maps a.s.
55	TO01000256	reduction of SEismic HAZard during GEothermal ENergy production	[P] Seismik s.r.o.	[D] Institute of Mine Seismology [D] Universitetet i Bergen
56	TO01000260	Identification of new probiotic strains of E. coli: from genetic studies to testing of probiotics in vitro and in vivo	[P] Masarykova univerzita	[D] University of Oslo [D] Medi Pharma Vision, s.r.o.
57	TO01000261	Wildfires in Czechia and Scandinavia - Risk, response and preparedness	[P] Výzkumný ústav bezpečnosti práce, v. v. i.	[D] RISE research institutes of Sweden [D] RISE Fire Research [D] Norwegian Institute of Bioeconomy Research (NIBIO)

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58	TO01000268	Spatial activity and foraging behaviour of European beaver as the basis of its management	[P] Mendelova univerzita v Brně	[D] Biosférická rezervace Dolní Morava o.p.s. [D] University of South-Eastern Norway
59	TO01000275	Fast Training Algorithms and Deep Neuro-Fuzzy Systems for Citizen-centric Air Pollution Prediction	[P] Univerzita Pardubice	[D] Masarykova univerzita [D] University of South-Eastern Norway (USN) [D] NILU-Norwegian Institute for Air Research
60	TO01000300	Development of new helically chiral dopants for CP-OLED and their study by neutron scattering techniques	[P] Ústav chemických procesů AV ČR, v. v. i.	[D] Institute for energy technology
61	TO01000304	Remediation Strategies for toxic and resistant poly- and perfluoroalkyl substances (PFAS) in drinking water	[P] Vysoká škola chemicko-technologická v Praze	[D] Norwegian University of Life Sciences [D] ENVI-PUR, s.r.o. [D] Státní zdravotní ústav
62	TO01000313	Green buildings as a tool for healthier indoor environments	[P] Masarykova univerzita	[D] Česká rada pro šetrné budovy, z.s. [D] NILU-Norwegian Institute for Air Research
63	TO01000321	Development of digital skills for workers 50+: challenges and opportunities	[P] Západočeská univerzita v Plzni	[D] Nordic Institute for Studies innovation, reseach and education

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64	TO01000332	Terahertz ellipsometry for spintronic and solar fuel technology	[P] Vysoká škola báňská - Technická univerzita Ostrava	[D] Centre national de la recherche scientifique, LPICM, Ecole Polytechnique [D] BBT-MATERIALS PROCESSING s.r.o. [D] Norwegian University of Science and Technology
65	TO01000125	Climate resilience cereal genotypes with the association of food/feed quality and resistance to virus diseases	[P] Výzkumný ústav rostlinné výroby, v.v.i.	[D] Inland Norway University of Applied Sciences [D] Zemědělský výzkumný ústav Kroměříž, s.r.o. [D] The Norwegian Institute of Bioeconomy Research
66	TO01000085	TRANSFEAR: Transforming Foreign Policy Fears to Opportunities	[P] ÚSTAV MEZINÁRODNÍCH VZTAHŮ, V.V.I.	[D] Norwegian Institute of International Affairs
67	TO01000088	Road traffic safety: key aspects of Norwegian success and implications for Czech Republic	[P] Univerzita Palackého v Olomouci	[D] Transportøkonomisk Institutt Stiftelsen [D] Centrum dopravního výzkumu, v. v. i.
68	TO01000098	Rich Defense Industry Data for Innovation	[P] Masarykova univerzita	[D] Peace Research Institute Oslo
69	TO01000115	Big & Small Data for Long Distance Transport Demand Prediction	[P] Masarykova univerzita	[D] KVADOS, a.s. [D] Vysoká škola báňská - Technická univerzita Ostrava [D] University of Stavanger [D] CE-Traffic, a.s.

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70	TO01000134	Design and control of advanced mechatronic systems	[P] Západočeská univerzita v Plzni	[D] Norwegian University of Science and Technology [D] VÚTS, a.s.
71	TO01000144	Functional microbial modulation of early life calf gut microbiota to improve performance and reduce methane emissions	[P] Česká zemědělská univerzita v Praze	[D] Norwegian University of Life Sciences
72	TO01000149	The fully automated system and technology for medical diagnostics	[P] Vysoká škola polytechnická Jihlava	[D] Landspítali - The National University Hospital of Iceland [D] Fakultní nemocnice Olomouc [D] Univerzita Palackého v Olomouci
73	TO01000158	Nanostructured gas sensors for applications in environmental monitoring and security area	[P] Fyzikální ústav AV ČR, v.v.i.	[D] University of Oslo [D] TESLA BLATNÁ, a.s. [D] Vysoká škola chemicko-technologická v Praze
74	TO01000166	Evidence-based Approaches in Education for Children with Neurodevelopmental Disorders	[P] Masarykova univerzita	[D] Oslo Metropolitan University
75	TO01000207	MEMS ultrasound sensors for industrial applications	[P] Vysoké učení technické v Brně	[D] SINTEF AS [D] Zemědělské družstvo Rpety se sídlem ve Rpetech
76	TO01000209	Technology for biogas reforming for syngas production on NiFe catalysts	[P] Vysoká škola chemicko-technologická v Praze	[D] University of Stavanger

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77	TO01000237	How can e-scooters become an attractive component of urban mobility for all?	[P] Centrum dopravního výzkumu, v. v. i.	[D] Transportøkonomisk institutt
78	TO01000251	Recycling of the mineral nutrients from wastewaters using algal cultivation	[P] Botanický ústav AV ČR, v. v. i.	[D] Norwegian Institute for Water Research [D] TopolWater, s.r.o. [D] Jihočeská univerzita v Českých Budějovicích
79	TO01000263	Intelligent system for long-time monitoring of visitors behavior in museum exhibitions	[P] Vysoké učení technické v Brně	[D] Reykjavik University [D] NÁRODNÍ MUZEUM [D] Siemens, s.r.o.
80	TO01000293	Insects as a novel feed ingredient for chicken and salmon	[P] Česká zemědělská univerzita v Praze	[D] PAPEK s.r.o. [D] SINTEF Ocean
81	TO01000076	Preventive measures to reduce premature deaths in Czechia and Norway: analyses of substance related traffic fatalities	[P] Národní ústav duševního zdraví	[D] Ústav zdravotnických informací a statistiky ČR [D] Oslo University Hospital
82	TO01000164	Testing methods according to STANAG 4170	[P] Explosia a.s.	[D] Chemring Nobel AS [D] NAMMO Raufoss AS [D] Forsvarets forskningsinstitutt
83	TO01000190	Implementation of innovative remote sensing methods for effective forest management of clearings after large-scale disturbances	[P] Výzkumný ústav lesního hospodářství a myslivosti, v. v. i.	[D] NORCE [D] Diecézní lesy Hradec Králové s.r.o. [D] Jihočeská univerzita v Českých Budějovicích

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84	TO01000365	Advanced drug releasing nano/microfibrous scaffolds for treatment of chronic skin lesions.	[P] InoCure s.r.o.	[D] Ústav experimentální medicíny AV ČR, v. v. i. [D] University of Oslo [D] Corticalis
85	TO01000040	Health registries as a gold mine for health surveillance and actions to improve public health	[P] Všeobecná fakultní nemocnice v Praze	[D] University of Oslo [D] Ústav zdravotnických informací a statistiky ČR [D] Folkehelseinstituttet
86	TO01000045	New approaches to studying different ways to climate change mitigation	[P] Agrovýzkum Rapotín s.r.o.	[D] Norwegian University of Life Sciences [D] Envi Produkt, s.r.o.
87	TO01000069	Simulation-Based Training for Social Worker Skills and Awareness	[P] Vysoká škola PRIGO, z.ú.	[D] Norsk Regnesentral
88	TO01000205	Virtual Reality Based De-escalation Training for Healthcare Workers	[P] České vysoké učení technické v Praze	[D] Sykehuset Innlandet [D] Norwegian University of Science and Technology [D] Making View AS [D] CZECH VR AGENCY s.r.o.
89	TO01000208	Smart logistics	[P] Vysoké učení technické v Brně	[D] Molde University College

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90	TO01000236	Classification of stream corridors as a decision support for risk management of fine sediments and nutrients in rivers	[P] Masarykova univerzita	[D] AQUATIS a.s. [D] NORSK INSTITUTT FOR VANNFORSKNING [D] METCENAS, o.p.s. [D] České vysoké učení technické v Praze [D] Výzkumný ústav meliorací a ochrany půdy, v. v. i. [D] Český hydrometeorologický ústav [D] Výzkumný ústav vodohospodářský T. G. Masaryka veřejná výzkumná instituce
91	TO01000258	Effective methods for estimating Water Availability from melting Snowpack affected by Air Pollution	[P] Česká zemědělská univerzita v Praze	[D] Icelandic Meteorological Office [D] National Power Company of Iceland [D] Agricultural University of Iceland
92	TO01000262	Optimized Energy Exploitation and Storage in Closed loop Geothermal Systems	[P] Vysoká škola báňská - Technická univerzita Ostrava	[D] DOPRAVOPROJEKT Ostrava a.s. [D] Green Gas DPB, a.s. [D] University of Stavanger
93	TO01000265	Advanced and eco-friendly engineering for the best performance and sustainability of bridges and buildings	[P] Vysoká škola báňská - Technická univerzita Ostrava	[D] Červenka Consulting s.r.o. [D] Kvaerner [D] COWI AS [D] RD Rýmařov s. r. o. [D] University of Stavanger

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94	TO01000273	Optimised durable precast UHPC elements with FRP reinforcement	[P] Prefa Brno a.s.	[D] PREFA KOMPOZITY, a.s. [D] The University of Tromsø [D] Beisfjord Sementvarefabrikk AS [D] Vysoké učení technické v Brně
95	TO01000276	A comprehensive solution for use of recycled concrete and brick aggregates in cementitious composites	[P] Skanska a.s.	[D] The University of Tromsø [D] Skanska Transbeton, s.r.o. [D] Element Nor AS [D] Vysoké učení technické v Brně
96	TO01000296	Wildlife-vehicle collisions on Norwegian road and railway networks	[P] Centrum dopravního výzkumu, v. v. i.	[D] Norsk institutt for naturforskning (NINA)
97	TO01000308	Neural-network-enhanced grain boundary engineering for improving resistance of recycled aluminium alloys against intergranular corrosion	[P] Ústav fyziky materiálů AV ČR, v.v.i.	[D] Norges teknisk-naturvitenskapelige universitet (NTNU)
98	TO01000310	Research and development of technology of additive manufacturing, heat treatment and surface treatment of moulds made of H13 material for conditions of die casting of aluminium alloys	[P] Západočeská univerzita v Plzni	[D] SINTEF AS [D] Sintef Manufacturing AS [D] MOTOR JIKOV Fostron a.s. [D] Vysoká škola technická a ekonomická v Českých Budějovicích
99	TO01000174	The presence and remediation of per- and polyfluorinated alkyl substances (PFAS) contaminated soil and water in the Czech Republic and Norway	[P] Vysoké učení technické v Brně	[D] AF Gruppen Norge AS [D] Norwegian Geotechnical Institute