

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

TA CR anticipates concluding a Project Contract with the applicants of the project proposals listed below.

### 1. CCS PROJECTS LIST

ORDER	PROJECT CODE	PROJECT TITLE	APPLICANT	PROJECT PARTNER(S)
1	TO01000112	CO2 Storage Pilot in a Carbonate Reservoir	[P] Česká geologická služba	[D] Geofyzikální ústav AV ČR, v. v. i. [D] NORCE [D] Vysoká škola báňská - Technická univerzita Ostrava [D] MND a.s.
2	TO01000329	METAMORPH - Advanced hybrid organic-inorganic nanofibers for CO2 capture and photocatalysis	[P] InoCure s.r.o.	[D] SINTEF AS [D] Univerzita Jana Evangelisty Purkyně v Ústí nad Labem [D] Vysoká škola chemicko-technologická v Praze

## 2. EEA AND NORWAY GRANTS LIST

ORDER	PROJECT CODE	PROJECT TITLE	APPLICANT	PROJECT PARTNER(S)
1	TO01000074	Efficient Low-energy Electron Cancer Therapy with Terbium-161	[P] České vysoké učení technické v Praze	[D] Oslo University Hospital [D] Centrum výzkumu Řež s.r.o. [D] Nordic Nanovector ASA [D] Ústav makromolekulární chemie AV ČR, v. v. i. [D] Institute for energy technology
2	TO01000215	Validation of specific mitophagy biomarkers across Alzheimer's disease continuum	[P] Univerzita Karlova	[D] University of Oslo
3	TO01000311	inherently Flexible Aerogels for energy efficient structures (i-FACES)	[P] Technická univerzita v Liberci	[D] SINTEF AS [D] POLPUR, spol. s r.o.
4	TO01000324	Regional hydrogen trains on Czech railways	[P] ÚJV Řež, a. s.	[D] Výzkumný Ústav Železniční, a.s. [D] SINTEF AS [D] Česká vodíková technologická platforma [D] Vysoká škola chemicko-technologická v Praze
5	TO01000057	Transplant Immunology Decision Support System	[P] Steiner, s.r.o.	[D] Oslo University Hospital HF
6	TO01000160	Optimised expanders for small-scale distributed energy systems	[P] České vysoké učení technické v Praze	[D] GT-Progres, s.r.o. [D] SINTEF Energi AS [D] Norwegian University of Science and Technology

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7	TO01000170	Nanoremediation of contaminated soils: Technology implementation with respect to ecotoxicological aspects	[P] Česká zemědělská univerzita v Praze	[D] Norwegian Institute for Water Research [D] Norwegian University of Science and Technology [D] Univerzita Karlova [D] DEKONTA, a.s.
8	TO01000198	NATURAL Seismicity as a Prospecting and MONITORING tool for geothermal energy extraction	[P] Geofyzikální ústav AV ČR, v. v. i.	[D] Univerzita Karlova [D] Ústav struktury a mechaniky hornin AV ČR, v.v.i. [D] Iceland GeoSurvey (ÍSOR)
9	TO01000243	Management of forest genetic resources under climate change	[P] Česká zemědělská univerzita v Praze	[D] Norwegian Institute of Bioeconomy Research (NIBIO) [D] Stiftelsen Det norske Skogfrøverk [D] Vojenské lesy a statky ČR, s.p.
10	TO01000309	Low-temperature 3D Printing of Bio-Functionalized Ceramic Bone Implants with Adjustable Mechanical Properties	[P] Vysoké učení technické v Brně	[D] Genis hf. [D] Innovation Center Iceland [D] Univerzita Karlova
11	TO01000295	Healthy berries in a changing climate: development of new biotechnological procedures for virus diagnostics, vector studies, elimination and safe preservation of strawberry and raspberry	[P] Biologické centrum AV ČR, v. v. i.	[D] Jan Holub s.r.o. [D] Norwegian Institute of Bioeconomy Research (NIBIO) [D] Výzkumný ústav rostlinné výroby, v.v.i. [D] VÝZKUMNÝ A ŠLECHTITELSKÝ ÚSTAV OVOCNÁŘSKÝ HOLOVOUSY s.r.o.

ORDER	PROJECT CODE	PROJECT TITLE	APPLICANT	PROJECT PARTNER(S)
12	TO01000345	Forest functions in the past, present and future - what can society expect from forests under climate change?	[P] Ústav výzkumu globální změny AV ČR, v. v. i.	[D] Norwegian University of Life Sciences [D] Vojenské lesy a statky ČR, s.p. [D] Výzkumný ústav lesního hospodářství a myslivosti, v. v. i. [D] Mendelova univerzita v Brně
13	TO01000306	Research and development of an innovative corrosion resistant coating for bipolar plates for energy conversion devices	[P] Vysoká škola chemicko-technologická v Praze	[D] SINTEF AS [D] CondAlign
14	TO01000220	The fate and future of carbon in forests.	[P] Česká geologická služba	[D] IVL Swedish Environmental Research Institute Ltd [D] Biologické centrum AV ČR, v. v. i. [D] Norwegian Institute for Water Research
15	TO01000107	Development of standardized culture, transplantation and banking of RPE cells for treatment of age-related macular degeneration (AMD)	[P] Ústav živočišné fyziologie a genetiky AV ČR, v. v. i.	[D] Fakultní nemocnice Královské Vinohrady [D] University of Oslo [D] Ústav makromolekulární chemie AV ČR, v. v. i.
16	TO01000202	Drinking WATER Readiness for the Future	[P] Biologické centrum AV ČR, v. v. i.	[D] Norwegian Institute of Bioeconomy Research (NIBIO) [D] Drikkevannskonsult – B. Eikebrokk [D] Oslo Metropolitan University [D] University of Oslo

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17	TO01000219	Turbulent-resolving urban modeling of air quality and thermal comfort	[P] Ústav informatiky AV ČR, v.v.i.	[D] Nansen Environmental and Remote Sensing Centre [D] ATEM - Ateliér ekologických modelů, s.r.o. [D] Český hydrometeorologický ústav [D] Univerzita Karlova
18	TO01000250	Novel Routes for cost effective Environmentally Acceptable Lubricants	[P] Vysoká škola báňská - Technická univerzita Ostrava	[D] SINTEF AS [D] Ústav chemických procesů AV ČR, v. v. i. [D] BIONA JERSÍN, s.r.o.
19	TO01000132	Application of traditional knowledge to halt biodiversity loss in woodlands	[P] Česká zemědělská univerzita v Praze	[D] Norwegian Institute of Bioeconomy Research (NIBIO) [D] Biologické centrum AV ČR, v. v. i. [D] Botanický ústav AV ČR, v. v. i.
20	TO01000027	NORDTRANS - Technology for automatic speech transcription in selected Nordic languages	[P] NEWTON Technologies, a.s.	[D] Norges teknisk-naturvitenskapelige universitet (NTNU) [D] Technická univerzita v Liberci
21	TO01000232	Fast and sensitive bioanalysis using micromachined electrospray interfaces with $\mu$ -scale separations	[P] Ústav analytické chemie AV ČR, v. v. i.	[D] SINTEF AS [D] WATREX Praha, s.r.o.
22	TO01000078	Targeted and Improved Alzheimer's Disease Drug Development	[P] Fakultní nemocnice Hradec Králové	[D] Bioinova, s.r.o. [D] Ústav experimentální medicíny AV ČR, v. v. i. [D] University of Oslo

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23	TO01000099	The establishment of advanced cell therapy for the treatment of limbal stem cell deficiency in the Czech Republic.	[P] Univerzita Karlova	[D] University of Oslo [D] NILU-Norwegian Institute for Air Research [D] Ústav makromolekulární chemie AV ČR, v. v. i. [D] Fakultní nemocnice Královské Vinohrady