

N	Project ID	Project Title	Host institution	Principal Investigator
1	CARYS-19-1548	Pilot-scale production of lignin-modifying enzymes for economic benefits and environmental protection in Georgia	Agricultural University of Georgia	Vladimir Elisashvili
2	CARYS-19-284	Efficient Technology for Comprehensive Processing of Solid Secondary Raw Materials	Raphael Dvali Institute of Machine Mechanics	Lana Shamanairi
3	CARYS-19-1704	Installation of a pilot thermal water treatment plant from toxic compounds and development of improved environmentally friendly technology of process	Ivane Javakhishvili Tbilisi State University	Lali Akhalbedashvili
4	CARYS-19-2268	New probiotics of spore-forming Bacillus replacing antibiotic in poultry and rabbit nutrition	Agricultural University of Georgia	Amrosi Chkuaseli
5	CARYS-19-972	The Milk Whey Processing Reagentless Technology Using Bipolar Electrodialysis	Akaki Tsereteli State University	Shota Rukhadze
6	CARYS-19-378	Phage Pastilles for prevention and treatment of oral cavity and upper respiratory tract infections	G. Eliava Institute of Bacteriophages, Microbiology and Virology	Ia Kusradze
7	CARYS-19-1227	Development, attempt to introduce and transfer of innovative technology and equipment for management of blood flow of heart-lung-bypass machines using digitalization	Ivane Javakhishvili Tbilisi State University	Nodar Khodeli
8	CARYS-19-121	Cyber incident response platform for 5G cellular networks	Caucasus University	Maksim Iavich

9	CARYS-19-2329	Development of the innovative manufacturing technology for production of natural pigments on a base of local raw material and the outcomes commercialization	LEPL G.Tsulukidze Mining Institute	Nikoloz Chikhradze
10	CARYS-19-626	Regional distribution of Leptospira spp. in Georgia and health burden assessment	International Association “Veterinarians Sans Frontiers – Caucasus”	Levan Tsitskishvili
11	CARYS-19-573	Develop and manage innovative bio-agro-technologies to protect the environment from global pollution and increase crop yields	Georgian Technical University	Nana Bakradze
12	CARYS-19-836	Development of shock resistant and biodegradable polymeric composites and provision of a technology transfer	LEPL G.Tsulukidze Mining Institute	Guram Abashidze
13	CARYS-19-1832	Innovative Cryostat for Studying High-temperature Superconductors	Ilia Vekua Sukhumi Institute of Physics and Technology	Guram Dgebuadze
14	CARYS-19-675	Development of high-performance calcium cobaltite thermoelectric materials through doping and nanoengineering	Georgian Technical University	Nikoloz Margiani
15	CARYS-19-2692	Development of the polymer composites with high exploitation properties on the base of residual polymers and Georgian minerals, making trial samples of merchandise	Raphiel Dvali Institute of Machine Mechanics	Jimsher Aneli
16	CARYS-19-297	Development of new method of optical spectrometry of viruses (SPECTROVIR – 1)	Georgian Technical University	Paata Kervalishvili

17	CARYS-19-588	Decrease of the environment pollution by the vibrations, noise, friction modifiers and wear nano-products of the train wheels, rails and friction brakes	Raphael Dvali Institute of Machine Mechanics	George Tumanishvili
18	CARYS-19-359	Improvement of unique economic characteristics of mulberry silkworm breeds for revival of Georgian silk	Scientific-Research Centre of Agriculture	Nargiz Baramidze
19	CARYS-19-442	Bactericidal zeolite fillers for paper production	Ivane Javakhishvili Tbilisi State University	Vladimer Tsitsishvili
20	CARYS-19-976	Evaluation of therapeutic effect of magnetic nanoparticles functionalized with antitumor drug on breast cancer cells	Georgian Technical University	Jano Markhulia
21	CARYS-19-802	Obtaining valuable boron-containing master alloy from iron-containing waste and cheap boron-containing raw materials	Ferdinand Tavadze Institute of Metallurgy and Materials Science	Garegin Zakharov
22	CARYS-19-099	Usage of colloidal gunpowder released from utilized ammunition in the mining industry	LEPL G.Tsulukidze Mining Institute	Sergo Khomeriki
23	CARYS-19-2035	Allergen analysis in genetically modified plants by PCR coupled DNA-chip	Ilia State University	Nelly Datukishvili
24	CARYS-19-674	Creation of laboratory prototype of continuous-action drying-adsorbing apparatus, and development of (CO ₂ ,SO _x ,NO _x) catching-utilization technology from burnt gases using zeolites.	Georgian Technical University	Rajden Skhvitaridze
25	CARYS-19-615	Technology of functional foods	Batumi Shota Rustaveli State University	Maia Vanidze

26	CARYS-19-218	Demonstrating various configurations of semiconductor junctions through nanograting technique	Ilia State University	Avtandil Tavkhelidze
27	CARYS-19-1287	Georgian Language Processing API	Ilia State University	Erekle Magradze
28	CARYS-19-179	Development of diagnostic and remedial biotechnologies to clean up arsenic-contaminated environment in Georgia	Agricultural University of Georgia	Tamar Varazi
29	CARYS-19-315	Developing of electromagnetic interference shielding materials based on new polymer composites to minimize electromagnetic radiation of electronic devices, wires and coaxial cables	Ilia Vekua Sukhumi Institute of Physics and Technology	Natia Jalagonia
30	CARYS-19-363	Alternative to Antibiotics – New Phytobiotic For Poultry	Tbilisi State Medical University	Aliosha Bakuridze
31	CARYS-19-2736	Study of social-economic aspects of (Georgian) endemic mulberrybreeds cultivation for sericulture and pharmacology	Georgian Technical University	Jemal Putkaradze
32	CARYS-19-158	Innovative Technologies of Production of Ceramic Construction Products from Alluvium of Shale Accumulated in the Riverbed of Duruji River near Kvareli	Ivane Javakhishvili Tbilisi State University	Elena Shapakidze
33	CARYS-19-305	Innovative complex anti-snow avalanche measure	EcoCenter for enviromental protection	Givi Gavardashvili

34	CARYS-19-106	Development of Energy Management System (EMS) by Smart Controller for Connecting Microgenerators to the Electrical Distribution Network and Consumers	Georgian Technical University	Tamar Berberashvili
35	CARYS-19-668	Mining Waste Complex Research and Development of Technologies for Their Use	LEPL G.Tsulukidze Mining Institute	Nika Bochorishvili
36	CARYS-19-2345	The Recuperative Suspension of Vehicle with Regeneration of Energy of Driving Gear	Akaki Tsereteli State University	Omari Zivzivadze