

UN GOALS

3 GOAL GOOD HEALTH AND WELL-BEING

AP13068387 Development of technology for the production of innovative functional bio-fermented milk products with probiotics and antioxidants. PhD supervisor Utebaeva Aidana Askarovna. The amount of financing is 13,244,719 tenge.

AP15473152 Biodiversity conservation and research on bioactive compounds of *Eranthis longistipitata*. PhD supervisor Aimenova Zhanar Erkenovna. The amount of financing is 2,877,380 tenge.

6 GOAL CLEAN WATER AND SANITATION

AP13268771 Environmental monitoring of underground water supply sources in the southern region of Kazakhstan and recommendation of optimal water treatment technology. PhD supervisor Azimov Abdugani Mutalovich. The amount of financing is 2,955,000 tenge.

Research into quality monitoring and development of methods for reducing the hardness of drinking water in the settlements of Togus, Mayatas, Zhylanbuzgan, Aynatas, Badam-1 A, Bazarkakpa, Abdulabad, Otemis, Shanghai, Terekzar, Turdyabad, Altyntobe, Kokbulak.” Head Ph.D Associate Professor Khusanov Zh.E. The amount of financing is 1,200,000 tenge.

7 GOAL AFFORDABLE AND CLEAN ENERGY

AP09260365 Application of integrated technologies to reduce the level of environmental pollution and increase the energy efficiency of industrial territorial complexes. PhD supervisor Kaldybaeva Botagoz Myrzakhmetovna. The amount of financing is 21,680,000 tenge.

AP14972723 Hydrodynamic principles of an innovative installation for converting flow energy (gas, water) into electrical energy, taking into account the vortex interaction of flows. Supervisor PhD Series Zhandos. The amount of financing is 2,785,200 tenge.

8 GOAL DECENT WORK AND ECONOMIC GROWTH

AR09261075 Formation of a model of a regional food hub as a horizontally integrated structure in order to ensure food security (using the example of the meat cluster of the Turkestan region). Supervisor Ph.D., Associate Professor Abdikerimova Gulzhanar Imanbaevna. The amount of financing is 10,998,147 tenge.

9 GOAL INDUSTRY , INNOVATION AND INFRASTRUCTURE

BR10764977 Development of technology for processing promising varieties of fruit, berry crops and grapes of domestic selection in order to obtain biologically active substances and fruit and berry powders for use in the food industry. Head Doctor of Technical Sciences, Professor Shingisov A.U. amount of financing – 10,944,055 tenge

AP08857586 Processing of cotton tar to produce commercial reagents for the oil and gas industry. Supervisor Doctor of Chemical Sciences, Professor Nadirov Kazym Sadykovich. The amount of financing is 22,618,090 tenge.

AP09261098 Development of an information and analytical system for monitoring and managing electrochemical protection against corrosion of main pipelines. Head Ph.D., Associate Professor Khusanov Zhakhongir Evadilloevich. Funding amount 18,653,120 tenge.

AP14869314Obtaining chemical reagents for depressant purposes for transporting paraffinic oil. SupervisorDoctor of Chemical Sciences, ProfessorNadirov Kazym Sadykovich. The amount of financing is 12,000,000 tenge.

AP14869066Development of resource-saving slag-free technology for electrothermal processing of phosphorites. Head Doctor of Technical Sciences, ProfessorShevko Viktor Mikhailovich. The amount of financing is 8,000,000 tenge.

AP14869410Technology for producing organic fertilizers based on the recycling of phosphorus-containing and carbon-containing waste to increase the yield of vegetable crops in the Turkestan region.Head Ph.D., Associate ProfessorIsaev Erzhan Bolysbekovich. The amount of financing is 12,000,000 tenge.

AP08053112 Kul-slag kaldyktary men dolomit kenderinin sonmalarynan kuramynda magnesium zhane baska da mikrotynyaytkyshtary bar tukokospa aludyn ecology pelvis innovation technology son azirleu. Head Ph.D., Associate ProfessorSarypbekova Nursulu Koshenovna. The amount of financing is 24,086,092 tenge.

AP08053015Complex processing of tailings from the Balkhash concentrator and limestone using high-temperature synthesis to produce cement clinker and associated extraction of zinc sublimates.Head Ph.D.,Associate Professor Alexander Sergeevich Kolesnikov.The amount of financing is 21,932,865 tenge.

AP15473609Development of technology for producing phosphorus-containing fertilizers to increase crop yields.SupervisorPhDIsmailov Bakhytzhan Abdukhalikovich. The amount of financing is 2,962,690 tenge.

AP15473348Development of a new technology for producing complex mineral fertilizers with humate components. SupervisorOmarov Bekzhan Temirkhanuly. The amount of financing is 2,264,460 tenge.

AP15473438Development of resource-saving technology for complex mineral fertilizers with prolonged action based on activated low-grade phosphate rock.SupervisorPhDBazhirova Kamshat Nurlybekovna. The amount of financing is 2,967,570 tenge.

Creation of methods for chemical modification and transformation of clinoptilolite and other natural zeolites to obtain bactericidal filter materials suitable for use in water purification and disinfection. Head Doctor of Technical Sciences, Professor Dzhakipbekova N.O. The amount of financing is 39,710,976 tenge.

Development of the process of oxidative processing of industrial vanadium-containing ferrophosphorus in an experimental converter and production of pilot batches of vanadium slag and refined ferrophosphorus. Head Doctor of Technical Sciences, Professor Protopopov A.V. the amount of financing is 2,956,800 tenge.

12 GOAL RESPONSIBLE CONSUMPTION AND PRODUCTION

AP14973043Development of technology for producing resins replacing chelating modified cations. SupervisorKadirbekov Alimzhan Abdulaituly. The amount of financing is 2,618,210 tenge.

AP14972915Development of technology for producing thermo-salt-resistant composite polymer stabilizers for drilling fluids for drilling deep wells.SupervisorArtykova Zhadyra Kuanyshovna. The amount of financing is 2,997,365 tenge.

AP15473295Development of technology for producing activated sorbent based on waste from fruit canning production. DirectorYesenbek Asylbek Sagyntayuly. The amount of financing is 2,915,342 tenge.

AP15473389Development of innovative technology for processing industrial waste from lead production to produce non-ferrous metals and increase the level of life support. SupervisorBagova Zarina Ilesovna. The amount of financing is 2,897,238 tenge.

AP15473115 Comprehensive study of the process of selective leaching of low-grade phosphorites using organic acids. Supervisor Raiymbekov Erkebulan Batyrbekuly. The amount of financing is 3,000,000 tenge.

AP15473325 Study of the possibility of obtaining chromite pigments from industrial waste for the textile industry. Supervisor Turakulov Bakhriddin Bakhodurovich. Amount of financing 2,656,610 tenge.

15 GOAL LIFE AND LAND

BR10965172 “Space monitoring and GIS for quantitative assessment of soil salinity and degradation of agricultural land in southern Kazakhstan.” Head: Candidate of Agricultural Sciences, Associate Professor Murzabaev Bolat Asankhanovich.

AP14871736 Development of effective technologies for the rational use of degraded rural pastures in the desert zone of the Turkestan region. Head Doctor of Technical Sciences, Professor Kedelbaev Bakhytzhan Shilmirzaevich. The amount of financing is 9,982,412 tenge.

AP14972664 Development of technology for producing humate-containing fertilizers to increase soil fertility and crop yields. PhD supervisor Smailov Bakyt Matkarimuly. The amount of financing is 2,968,210 tenge.

AP15473446 Development of biotechnology for feed protein from plant raw materials. Supervisor Makhatov Zhaksylyk Baumanuly. The amount of financing is 2,034,128 tenge.