



**ISTC Projects related to tailings and trans-boundary rivers monitoring
(19 projects: 4,132 mln USD)**

Project No.		Status	Lead Institute	Funding Parties: Allocated Total USD
#3654	Monitoring, Mathematic Migration Modeling, Development of Methodology of Hydro-Litho-Sphere Pollution Sources Isolation Concerning Heavy Metals and Rehabilitation of Hydro-Litho-Sphere Around Ore Processing Combine of Kara-Baltinsk	underway	Federal State Enterprise) Russian Research Institute for Integrated Water Management and Protection, Ekaterinburg, Sverdlovsk reg., Russia	EU: 305,724.45
#KR-1587	Radioecological Center for the On-line Monitoring of Troublesome Areas of Kyrgyzstan Using Wireless Sensor Networks and Systems	underway	Institute of Physics, Bishkek, Kyrgyzstan	EU: 342,132.92
#T-1508	Developing Technological Basis for Wastes Reprocessing of Uranium Industry in Tajikistan	underway	Nuclear and Radiation Safety Agency (NRSA), Dushanbe, Tajikistan	EU: 304,053.18
#T-1598	Theoretical and Experimental Study of Environmentally Sustainable Isolation and Separation of Antimony Mercurial Ores with Concomitant Extraction of Gold	underway	Institute of Chemistry named after V.I.Nikitin, Academy of Sciences, Republic of Tajikistan, Dushanbe, Tajikistan	Canada: 258,550
#A-254	Development of a Technology of New Resistive Materials from Tailings of Natural Minerals	completed	Institute of Applied Problems of Physics, Yerevan, Armenia	USA, Norway: 80,000
#K-632	Over-all Examination of Ecological Situation at the Toxic Wastes Storage "Koshkar-Ata" and Development of Rehabilitation Actions	completed	National Nuclear Center of the Republic of Kazakstan / Institute of Nuclear Physics, Almaty, Kazakstan	USA: 350,000
#KR-072	Development of Scientific Bases and Complex Studying of Radioactive and Other Hazards of Tail Storages of the Northern Kyrgyzstan Accumulating Radioisotopes and Accompanying Toxic Metals	completed	Kyrgyz-Russian Slavonic University, Bishkek, Kyrgyzstan	EU, USA: 300,000
#KR-1044p	Kaji-Say Uranium Tailings Demonstration Project	completed	Social Scientific Research Center "GEORISK", Bishkek, Kyrgyzstan	Partners:409,500
#KR-556	The Microbiological Methods for Decontamination of Wastewater's from Gold-Extracting Factories in Kyrgyzstan: Environmental and Medical Aspects	completed	National Academy of Sciences of Kyrgyzstan / Institute of Chemistry and Chemical Technology, Bishkek, Kyrgyzstan	EU: 220,000
#KR-715	Study of the main ecological indicators of the territories adjacent to the uranium production in conditions of its partial conversion	completed	Institute of Physics, Bishkek, Kyrgyzstan	EU, USA: 296,416
#KR-877f	The Cyanide-less Gold Extracting Technology from Refractory Gold-containing Sulfide Ores and Concentrates	completed	Kyrgyz National Technical University / Chemical Technological Scientific Research Institute, Bishkek, Kyrgyzstan	EU: 33,600
#KR-994	Creation of Analytical and Informational Base for the Impact Environmental Monitoring of the Inhabiting Zone of the Issyk-Kul Lake	completed	Tynystanov State University, Karakol, Kyrgyzstan	EU, USA: 312,656.38

#KR-850	Share International Studies of Radioactive Contamination in Transboundary Rivers of Central Asia with the Purpose of Non-Proliferation	completed	Institute of Physics of National Academy of Sciences, Bishkek, Kyrgyzstan	USA: 143,760
#K-884	Investigation of the Sources and Mechanisms of the Radionuclides and Toxic Elements Contamination in Syrdarya River Basin at the Territory of the Republic of Kazakhstan	completed	National Nuclear Center of the Republic of Kazakstan, Institute of Nuclear Physics, Almaty, Kazakstan	USA: 350,000
#T-1000	Joint International (Kazakhstan, Kyrgyzstan, Tajikistan and Uzbekistan) Research of Radioactive Pollution of the Transboundary Rivers of Central Asia for Nonproliferation Purposes	completed	Physical-Technical Institute, Dushanbe, Tajikistan	USA: 170,400
#KR-1103	Creation of the Working Model of Water Balance and Water Quality in Basin of the Syr Darya River	underway	Institute of Physics, Bishkek, Kyrgyzstan	USA: 292,270
#T-1163	To Develop the Capability to Build and Operate a Water Balance and Water Quality Model for the Transboundary Basin of the Upper Syr Darya River in Central Asia	underway	Physical-Technical Institute, Dushanbe, Tajikistan	USA: 314,868
#K-1296	Creation of the Working Model of Water Balance and Water Quality in Basin of the Syrdarya River at the Territory Kazakhstan	underway	National Nuclear Center of the Republic of Kazakstan / Institute of Nuclear Physics, Almaty, Kazakstan	USA:350,000