

# TANZANIA ATOMIC ENERGY COMMISSION

## List of National Projects

SNo	Project code	Project Title	Objective(s)
1	URT5027	Improving Livestock Production and Productivity through Sustainable Application of Nuclear and Related Techniques	To improve livestock production and productivity in the United Republic of Tanzania through sustainable application of various nuclear and nuclear related techniques.
2	URT5029	Improving Rice and Barley Production through the Application of Mutation Breeding with Marker Assisted Selection	To improve rice and barley productivity and production in the URT through peaceful application of nuclear and biotechnological techniques and to contribute to improved food security and poverty reduction.
3	URT6028	Strengthening the Cancer Control Programme	To integrate cancer treatment into the existing healthcare delivery system, and to expand the existing facilities in the Ocean Road Cancer Institute (ORCI) and the Bugando Medical Centre (BMC)
4	URT6029	Magnitude and Risk actors for Obesity among School Children in Tanzania: A description of a growing epidemic	To contribute to prevention and management of non-communicable diseases (NCDs) in Tanzania.
5	URT9006	Assessing Environmental Impacts and Radioactivity Levels Surrounding Uranium Mining Sites	To predict, assess, and mitigate environmental impacts on the communities surrounding the proposed uranium mining sites.
6	URT5033	Establishing the Feasibility of an Irradiator Facility	To conduct a feasibility study for the establishment of an irradiation facility in Tanzania.

7	URT5032	Developing Maize Cultivars for Improved Yield and Resistance to Viral Disease	To develop disease resistant maize varieties.
8	URT5031	Improving Indigenous Cattle Breeds through Enhanced Artificial Insemination Service Delivery in Coastal Areas	To improve the productivity of indigenous cattle through enhanced artificial insemination (AI) services delivery in coastal areas of Tanzania
9	URT5030	Improving Rice and Barley Production through Application Marker Assisted Selection	To develop rice varieties with resistance to RYMV and rice blast and barley with resistance to net

			blotch.
10	URT6030	Evaluating the Effectiveness of Infant and Young Child Nutrition Promotion	To improve infant and young child feeding practices.
11	URT6031	Strengthening and Expanding the Cancer Control Programme	To consolidate and expand the cancer control programme in Tanzania.