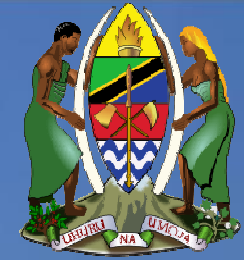


Human Resource Development in Nuclear Industry in Tanzania



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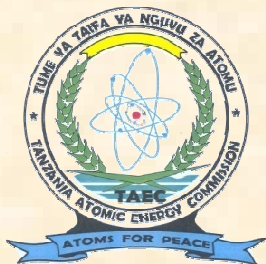
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STRATEGIES

The Atomic energy Act 7 of 2003, part VIII sections 54 and 55 under the promotion of atomic energy technology in Tanzania, Tanzania atomic Energy Commission (TAEC) is responsible on the establishment of the institute(s) that will carry out the general tasks of enabling the development of human resource capacity on the nuclear science.

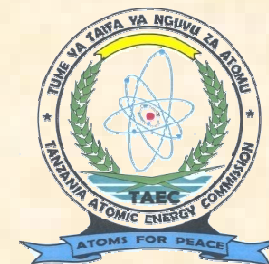
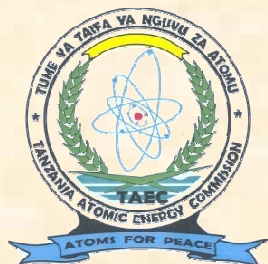
➤ TAEC may also enter in to partnership with any institution or organization inside or outside the country on the development and practical application of atomic energy and nuclear technology for peaceful purposes



TAEC's FUNCTIONS ON STRATEGIES TO DEVELOP HUMAN RESOURCE

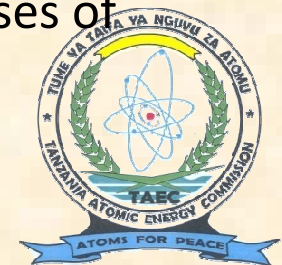
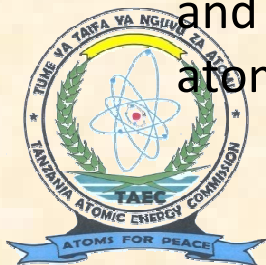
As per Atomic energy Act 7 of 2003, TAEC has the following functions;

- advise on policy issues and provide information in the light of currently available knowledge on peaceful application of nuclear technology;
- co-ordinate and make provision for, or carry out, or facilitate the carrying out, through the establishment or designation of institutions, the development of peaceful practical applications of atomic energy and nuclear technology;
- prioritize and carry out, or facilitate and co-ordinate the carrying out of applied research designed to facilitate the evaluation, development or peaceful practical applications of atomic energy and radiation sources for safe and peaceful purposes, and of the modern methods for the control and minimization of the harmful effects of radiation;



TAEC's functions contd.

- establish and operate a system for the **registration** of, and the **dissemination of information** relating to **research findings** under this Act and to promote the practical applications of those findings for the purposes of advancing the peaceful and more advantageous use of atomic energy and radiation sources in Tanzania;
- formulate and implement programmes for the **training of persons** to become qualified experts in the development and practical applications of atomic energy, nuclear technology;
- hold or facilitate the conducting of **seminars, workshops or short training courses** including public education for the safe and peaceful uses of atomic energy and nuclear technology;
- promote **national and international co-operation or collaboration** on the applications of atomic energy and nuclear technology already introduced or **intended for introduction** in the country;
- foster and facilitate the **exchange of scientific and technical information**, and the **training** of scientists and experts in the field of peaceful uses of atomic energy, nuclear technology;



MAJOR CHALLENGES

- Country's economy;
- Public awareness;
- Country's priorities;
- Unavailability of a good number of higher learning institutions as well as research institutions to provide the nuclear science related subjects;
- The absence of strategies on nuclear knowledge management

