



## Project Description for ARASIA TC Programme

TC Cycle 2016-2017

**Project Number: RAS9083**

**Project Title:** Establishing an Integrated Management System for Regulatory Bodies of ARASIA State Parties (RAS/9/083).

**Overall Objective:** To foster the safe use of applications of radiation technology in ARASIA State Parties through the improvement of the efficiency and effectiveness of regulatory bodies activities, and international acceptance thereof, by implementing an integrated quality management system compliant with IAEA GSR-R-1 and IAEA GSR Part1, and ISO/IEC17020:2012 and preparing for accreditation.

**Project Duration:** (2016 – 2019)

### **Project Description:**

**Regional Gap / Problem / Need Analysis:** From the available data regarding the IMS of RBs in ARASIA 80% of the countries have inadequate IMS. RBs in ARASIA lack the expertise to develop, implement and review and assess IMS for sustainable and effective regulatory functions to protect workers, public and the environment. The IAEA recommends that regulator bodies implement management systems in compliance with the IAEA Safety Standards GS-R-3 (2006) which includes, amongst others, requirements to the implementation of a safety culture; whereas their regulatory activities should comply as described in IAEA GSR Part 1. The outcome of it all is that the credibility of the organizations involved is strengthened.

**This project is proposed as a regional activity for the following reason(s):** It should be a regional project because of the transboundary aspects of nuclear and radiological activities, such as transport of spent nuclear fuel and/or 64 radioactive waste multiple use of radioactive materials and ionizing radiation in medical and industrial application, in transport of radioactive sources (for use in, e.g., medicine and industry), potential contamination of commodities such as food, mining products and effects of eventual radioactive emissions. Having a regulatory bodies operating along the same international standards contributes to increasing the harmonization in the development of their activities.

**Stakeholder Analysis and Partnership:** The project will address the regulatory bodies of ARASIA State Parties in order to strengthen their management system for effective control of radiation sources and their use. Atomic Energy Commissions and major user of radiation sources will be consulted to assure the appropriateness of procedures and work flow of the activities.



**Role of nuclear technology:** The project will strengthen the regulatory body of ARASIA State Parties in implementing effective regulatory control for the nuclear technologies used in their countries.