



Project Description for ARASIA TC Programme

TC Cycle 2018-2019

Project Number: RAS9090

Project Title: Enhancing Regional Capabilities and Cooperation among States Parties in Radiological and Nuclear Emergency Preparedness and Response (ARASIA).

Overall Objective: To strengthen the ARASIA capabilities in regional emergency preparedness, planning and response.

Project Duration: (2018 – 2019)

Project Description: The project will contribute to strengthening the cooperation between ARASIA States Parties in the domain of emergency preparedness and response. The project will enhance human capacity building, improving the exchange of information and cooperation in emergency response, and train ARASIA States parties in conducting drills and exercises in accordance with IAEA guidelines. In addition, ARASIA States Parties will have the ability to start establishing their quality management system for emergency preparedness and response.

Problem to be addressed: IAEA Member States are facing an increased usage of radioactive sources and radiation technologies in different areas, such as medicine, industry, education, power production, and others. To address this challenge, the international requirements on emergency preparedness and response were issued in 2015 as IAEA General Safety Requirements No GSR Part 7. Therefore, valuable efforts are needed at national and regional levels in implementing these international requirements into practice. For the successful implementation of requirements in GSR Part 7, the ARASIA States Parties need to improve emergency procedures in terms of human capacity building, exchange of information and cooperation in emergency response, drills/exercises and quality management. Cooperation and coordination at the level of the ARASIA region need to be strengthened by increasing the number of skilled and well-trained experts that would be involved in emergency preparedness and response to radiological and nuclear emergencies.

This project is proposed as a regional activity for the following reason(s): The national plans for nuclear emergencies may differ from State to State according to the resources available and the geopolitical and demographical nature of the States. However, the objectives will certainly be identical, so it would be useful to improve the conditions of cooperation among all countries of the ARASIA region through a regional project that improves regional capabilities and arrangements in emergency preparedness and response and ensures the integration in information exchange and assistance in emergency response situations.



Stakeholders: Regulatory bodies in ARASIA States Parties are the main stakeholders in the project.

Partnerships: Partnerships will be established between emergency coordinating agencies, designated hospitals/laboratories, and relevant international organizations.

Role of nuclear technology: This project will be supported by the IAEA and will benefit from the knowledge, methodologies, approaches and good practices developed by the IAEA over the past years with its Member States. In addition, the lessons learned address various aspects associated with nuclear power and building of nuclear power infrastructure, including strengthening the national capabilities for radiological and nuclear emergency preparedness and response from a regional perspective, and harmonizing legislations and regulations. The IAEA is expected to play the role of catalyst and facilitator and to provide technical advice to the countries participating in the project through regional support modalities with regard to activities related to the following issues: capacity building, legal and regulatory framework, and emergency preparedness and response.