

# **The Role of RCA in the Promotion of NDT in Asia and the Pacific Region**

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The Regional Cooperative Agreement for Research, Development and Training Related to Nuclear Science and Technology for Asia and the Pacific (RCA) in cooperation with the International Atomic Energy Agency (IAEA) have significantly contributes to the promotion of Non-Destructive Testing (NDT) among Government Parties in Asia and the Pacific region. Common interests and priority need of the region have been formulated into well-structured projects which address the problems, requirements and gaps for NDT among the Government Parties. These RCA projects on NDT focuses on capacity building for personnel on radiation-based and related NDT technologies. Its implementation has impacted and benefitted participating Government Parties in elevating their NDT capacities and capabilities, which in turn contributed to the expansion and sustainability of industries. In this paper, the role of RCA in assisting the Government Parties of Asia and the Pacific region to establish its capacities in NDT is presented. Focus is given on its strategic approach and effort in promoting the establishment of sustainable internationally recognized qualification and certification scheme for NDT personnel among the participating Government Parties. Challenges and common issues faced by the Government Parties in the region in achieving the expected outcomes are also highlighted and discussed. While recognizing the contributions of experts from other regions, the success of the projects is also contributed by the strong regional network and cooperation between Government Parties stimulated by the RCA and IAEA, which provided the necessary drives in the project implementation.