

Design Document

Concept No: LAO2012003

Title: Strengthening and Establishment of a basic National Radiation Safety Infrastructure in Lao PDR.

Original Language

Title:

Status Completed: PMO: project design opened for review

Project Number:

Project Type: National

Project Class: Category A

Submitted By: Member State and/or Observers With Rights

Field of Activity: 09 - Governmental regulatory infrastructure for radiation safety

FOA Distribution: FoA Code: 09 = 100%

Link to RB

Programme: There is No RB Programme Link.

**Gap / Problem /
Need Analysis:**

Laos is a new member of IAEA, which was joined in November, 2011. Presently, there are no any regulatory body and legal instruments to deal with the radiation safety. Eventhough, there are widely utilizations of radiation in public. The Department of Science of the Ministry of Science and Technology (IAEA) was assigned to be a National Liaison Office in Laos to coordinate in cooperation with the Permanent Mission of Lao PDR to Vienna to work with the IAEA. However, the country is still lacked of: 1. Regulatory infrastructure 2. Lack of safety infrastructure to protect people and environment in the existing practices (such as medical applications and in different type of industries).

**Stakeholder Analysis
and Partnership:**

(i) Laos doesn't have any law relating to the nuclear or radiation. Therefore, to establish the legal instruments on radiation safety will be the initiative object of the the Ministry of Science and Technology (MOST), which is led to provide the tool to control, to promote the

Objectives analysis:

awareness of society and to provide the correct treatments relating the impacts of radiation issues in the country. (ii) There was not any project relating on radiation safety in Laos. Therefore, the nuclear law or some legal document relating to radiation safety will be only legal tools to deal with the radiation safety in Laos.

**Role of nuclear
technology:**

**Physical
infrastructure and
human resources:**

**Safety regulatory
infrastructure:**

A national radiation protection infrastructure will be established under a separate IAEA Technical Cooperation Project. It is important to note the important points: (i) Infrastructure: Department of Science office, Organising the consulting meeting, and apply for the government budget

assistance. (ii) Human Resources: establishing the legal team with comprise of representatives of concerning ministries (about 10 people) and assistant staff of Department of Science (15 people).

Other considerations, e.g. environment, gender:

Project duration(Total number of years): 4

Project duration(Start date):

Implementation Strategy:

Monitoring and progress reporting:

Risk management:

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