# Description of the action

## Objectives/results

The objective of this action is to enhance the capabilities of INRA by sharing the experience with EU regulatory authorities in the area of interest jointly prioritised during the preparatory period and therefore to contribute to international nuclear safety. This cooperation should also enhance Iran’s ability for fast accession to the relevant international conventions in the field of nuclear safety.

## Main activities

### Task 1 – Further development of the legal and regulatory frameworks for nuclear safety in Iran

Tentative list of topics:

- Regulations and guides based on Iran priorities

- Continue the work on the access to International conventions

- (more topics as needed)

### Task 2 – (Further) development of a quality management system for use by INRA in the regulation of nuclear installations (or in general for the Regulator)

* to cooperate in the further development and completion of a quality management system for use by the regulatory body in fulfilling its functions of assessing and verifying the safety of nuclear installations (internal regulatory guides and procedures).

The management system will comprise a set of internal procedures and/or guides to be followed by the regulatory body in assessing and verifying safety. Procedures will be developed, *inter alia*, for each of the following (according to INRA needs):

* the decision making process for licensing a nuclear installation
* rule making
* issuing, amending, suspending, revoking and terminating a license
* the process for reviewing and assessing safety at all phases of installing and operating a nuclear facility (i.e., siting, design, construction, commissioning, operation, waste management, decommissioning and emergency preparedness and response)
* inspections, in particular addressing their objectives, scope, methodology, conduct, reporting, follow up and assessing their efficacy
* validation and verification
* identification of safety deficiencies
* enforcement actions, and
* record keeping and documentation.

### Task 3 – Assessing and verifying the safety of nuclear installations

The objective of this task is:

* to enhance the capabilities of the regulatory authority in fulfilling its functions of assessing and verifying the safety of nuclear installations.

Internal procedures and/or guides, to be followed by the regulatory body in assessing and verifying safety, will be developed and documented. Effort will focus on a limited number of priority topics for which procedures are likely to be needed in the short to medium term (e.g., evaluation of site investigations, construction of new installations, decommissioning, ageing management of the existing research reactor, etc.). Training and tutoring will form an important element of cooperation within this task.

### Task 4 – Human Resources Development Plan

The objectives of this task are:

* to cooperate in further refining the human resources development plan for INRA
* to cooperate in the establishment of a sustainable training programme capable of delivering the goals of the human resources development plan.

### Task 5 – Emergency Preparedness and Response

The objectives of this task are:

* to assess the national situation and propose a national centralised system in line with the best international practices for detection and response to nuclear incident in Iran. The national system will consider *inter-alia* the technical means for detection, the communication system with a national centralised center of operation and the necessary support for the decision making process.
* Based on the results of the nuclear safety conference, engage with the region to assess the feasibility of a regional system of exchange of information based on the EU experience and propose a plan for implementation to the interested countries.

The Task will deliver two reports that will be used for the programming of two follow-up projects, namely i) the development of a national Emergency, Preparedness and Response center including decision making tools and processes and ii) the deployment of necessary technical means and tools for a real-time exchange of information concerning the radiological situation in the participating countries.

## Intervention logic

The Government of Iran will be provided with the technical means to support the decision making process in establishing a national nuclear safety centre and establishing a regulatory framework according to the best international standards.

# Implementation

## Financing agreement

In order to implement this action, it is not foreseen to conclude a financing agreement with the partner country, referred to in Article 184(2)(b) of Regulation (EU, Euratom) No 966/2012.

## Indicative implementation period

The indicative operational implementation period of this action, during which the activities described in section 4.1 will be carried out and the corresponding contracts and agreements implemented, is 72 months from the date of adoption by the Commission of the Decision containing this action document.

Extensions of the implementation period may be agreed by the Commission’s authorising officer responsible by amending this Decision and the relevant contracts and agreements; such amendments to the Decision constitute technical amendments in the sense of point (i) of Article 2(3)(c) of Regulation (EU) No 236/2014.