



# **Regional Workshop on Application of a Graded Approach in Regulating the Safety of Radiation Sources**

**Hosted by**

The Government of Greece

**through the**

Greek Atomic Energy Commission (EEAE)

Athens, Greece

**3 to 7 October 2022**

**Ref. No.: ME-RER9158-2204605**

## **Information Sheet**

### **Purpose**

The purpose of the event is to discuss and provide guidance on the application of a graded approach in regulating facilities and activities with radiation sources used in medicine, industry, agriculture, research and education.

### **Working Language**

The working language of the event will be **English**.

### **Deadline for Nominations**

Nominations received after **18 August 2022** will not be considered.

## **Project Background**

The project RER/9/158 is aimed at assisting Member States to strengthen the regulatory infrastructure for radiation safety, and thus contribute to the protection of workers, the public and the environment from the harmful effects of ionising radiation. Member States participating in TC Europe programme have an operational regulatory infrastructure. However, they have yet to achieve compliance with the IAEA safety standards and still they have gaps in their regulatory programmes.

The IAEA safety standards are designed to facilitate the safe use of nuclear technologies, including the use of radiation sources in medicine, industry, agriculture, education and research. The radiation risks to people and the environment that arise from the use of radiation sources have to be assessed and, if necessary, regulated. To ensure effective regulatory control of a wide range of facilities and activities with radiation sources it is necessary to apply a graded approach so that the regulatory control is commensurate with the associated radiation risk. To ensure the efficient and effective use of its resources it is essential that the regulatory body apply a graded approach to its regulatory functions prioritizing its activities so that the resources are allocated in a manner that is commensurate with the radiation risks associated with the facilities and activities.

The IAEA has developed TECDOC 1974 Application of a Graded Approach in Regulating the Safety of Radiation Sources to provide practical guidance on the application of a graded approach in regulating the safety of radiation sources.

## **Scope and Nature**

The regional workshop will include lectures, discussions and exercises. The lectures will provide an overview on the application of the graded approach for the regulatory control of facilities and activities with radiation sources, including the criteria and factors to be considered for the development of a graded approach method and case studies of the application of a graded approach in the regulatory functions in Member States.

The regional workshop will begin with participants' presentations sharing Member States' experiences in applying a graded approach to the regulatory control. A template for the presentation will be provided to the participants in advance of the workshop.

Furthermore, the workshop will provide a forum for participants to discuss the possible approaches and specific considerations on the application of the graded approach for the regulatory functions specified in GSR Part 1 (Rev. 1), i.e., establishment of regulations and guides, authorization and review and assessment of facilities and activities, inspection of facilities and activities, enforcement of regulatory requirements, communication and consultation with interested parties. All participants are expected to participate in discussions and exercises.

## **Expected Outputs**

- The participants are familiarized with the concept of a graded approach, including the various criteria to be considered for the development of a graded approach model, as described in the new TECDOC 1974.
- The different national approaches to the use of a graded approach in performing the core regulatory functions are shared and discussed.
- The gained knowledge will be used for reviewing and revising national radiation safety regulations and further improving the regulatory control.

## Participation

The regional meeting is open to up to two candidates per country participating in the TC regional project RER/9/158.

## Participants' Qualifications and Experience

Nominated candidates should be regulators, having responsibility and experience in regulatory control of facilities and activities with radiation sources. Experience on the development and implementation of a graded approach to the regulatory function specified in GSR Part 1 (Rev. 1) is welcome.

## Application Procedure

Candidates wishing to apply for this event should follow the steps below:

1. Access the InTouch+ home page (<https://intouchplus.iaea.org>) using the candidate's existing Nucleus username and password. If the candidate is not a registered Nucleus user, she/he must create a Nucleus account (<https://websso.iaea.org/IM/UserRegistrationPage.aspx>) before proceeding with the event application process below.
2. On the InTouch + platform, the candidate must:
  - a. Finalize or update her/his personal details, provide sufficient information to establish the required qualifications regarding education, language skills and work experience ('Profile' tab) and upload relevant supporting documents;
  - b. Search for the relevant technical cooperation event (EVT2204605) under the 'My Eligible Events' tab, answer the mandatory questions and lastly submit the application to the required authority.

**NOTE:** Completed applications need to be approved by the relevant national authority, i.e. the National Liaison Office, and submitted to the IAEA through the established official channels by the provided designation deadline.

For additional support on how to apply for an event, please refer to the [InTouch+ Help page](#). Any issues or queries related to InTouch+ can be addressed to [InTouchPlus.Contact-Point@iaea.org](mailto:InTouchPlus.Contact-Point@iaea.org).

Should online application submission not be possible, candidates may download the nomination form for the meeting from the [IAEA website](#).

**NOTE:** A medical certificate signed by a registered medical practitioner dated not more than four months prior to starting date of the event must be submitted by candidates when applying for a) events with a duration exceeding one month, and/or b) all candidates over the age of 65 regardless of the event duration.

## **Administrative and Financial Arrangements**

Nominating authorities will be informed in due course of the names of the candidates who have been selected, and will at that time be informed of the procedure to be followed with regard to administrative and financial matters.

Selected participants will receive an allowance from the IAEA sufficient to cover their costs of lodging, daily subsistence and miscellaneous expenses. They will also receive either a round-trip air ticket based on the most direct and economical route between the airport nearest their residence and the airport nearest the duty station through the IAEA's travel agency American Express, or a travel grant, or they will be reimbursed travel by car/bus/train in accordance with IAEA rules for non-staff travel.

## **Disclaimer of Liability**

The organizers of the event do not accept liability for the payment of any cost or compensation that may arise from damage to or loss of personal property, or from illness, injury, disability or death of a participant while he/she is travelling to and from or attending the course, and it is clearly understood that each Government, in approving his/her participation, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.

## **Note for female participants**

Any woman engaged by the IAEA for work or training should notify the IAEA on becoming aware that she is pregnant.

The Board of Governors of the IAEA approved new International Basic Safety Standards for Protection against Ionizing Radiation and for the Safety of Radiation Sources. The Standards deal specifically with the occupational exposure conditions of female workers by requiring, inter alia, that a female worker should, on becoming aware that she is pregnant, notify her employer in order that her working conditions may be modified, if necessary. This notification shall not be considered a reason to exclude her from work; however, her working conditions, with respect to occupational exposure shall be adapted with a view to ensuring that her embryo or foetus be afforded the same broad level of protection as required for members of the public.

## IAEA Contacts

Programme Management Officer (responsible for substantive matters):

Ms Carmina Elizabeth Jimenez Velasco  
Division for Europe  
Department of Technical Cooperation  
International Atomic Energy Agency  
Vienna International Centre  
PO Box 100  
1400 VIENNA  
AUSTRIA  
Tel.: +43 1 2600 22340  
Fax: +43 1 26007  
Email: [C.Jimenez@iaea.org](mailto:C.Jimenez@iaea.org)

Administrative Contact (responsible for administrative matters):

Ms Ia Beria  
Division for Europe  
Department of Technical Cooperation  
International Atomic Energy Agency  
Vienna International Centre  
PO Box 100  
1400 VIENNA  
AUSTRIA  
Tel.: +43 1 2600 26099  
Fax: +43 1 26007  
Email: [I.Beria@iaea.org](mailto:I.Beria@iaea.org)