



Regional Workshop on the results of the gap analysis for nuclear and radiation education and training programmes

Hosted by

The International Atomic Energy Agency
IAEA Headquarters

12 to 15 July 2022

Vienna, Austria

C-Building, Room CR1

Ref. No.: ME-RER0049-EVT2201662

Information Sheet

Purpose

The purpose of the Regional Workshop is to present and discuss identified gaps in educational and training programmes related to the use of nuclear and radiation technologies. Common actions to resolve gaps in educational programmes in different Member States will be defined in order to strengthen the capacities of nuclear and radiation educational and training providers. Education and training are constantly reviewed to ensure that they meet national workforce demands. This event will also provide the basis for the next steps which will include: the preparation of an action plan and the improvement of the existing educational and training programmes and the establishment of new educational and training programmes.

Working Language(s)

The working language of the event will be English.

Deadline for Nominations

Nominations received after **12 May 2022** will not be considered.

Project Background

Education and training are key factors to the sustainability of the nuclear infrastructure at national and regional levels. The problems of education and training requirements in some developing and industrialized countries are primarily associated with limitations on the resources and capabilities of universities in providing the required scope and quality of education and training. Adequate attention and resources must be devoted from the outset to the education and qualification of instructors and to the cooperation between universities and industry, to ensure the provision of hands-on experience and on the job training for nuclear professionals. Thus, the project aims to enhance the capacity and quality of educational institutions for the sustainable, safe, and secure use of nuclear technologies in Europe and central Asia. The project will facilitate the sharing of information and exchange of knowledge and expertise between countries with well advanced educational programmes and those that need further assistance to optimize and enhance their education programmes. The project offers high impact opportunities such as the establishment and strengthening of nuclear education programmes, resource optimization and development of partnerships.

In order to do so the project aims to: 1) identify the gaps and training needs and the prepare an action plan; 2) identify and assess the available training materials and develop harmonized training materials/ programme, 3) develop the Train the Trainers (TTT) material and implement, 4) evaluate the training material and feedback to finalize the material. Based on experience gained from the previous TC project and initiatives the following activities will be promoted: provision of TTT events for lecturers, the finalisation of training materials, expert missions and workshops to share experience and Scientific Visits (SVs).

Scope and Nature

The objectives of this meeting are as follows:

- (i) Discuss the country gap analysis;
- (ii) Catalogue the common gaps;
- (iii) Identify good practices in delivering educational programmes;
- (iv) Identify the needed equipment and tools for effective delivering of educational programmes.

It is expected that every participating country will give a presentation reflecting on:

- (i) Overview of nuclear and radiation educational capabilities;
- (ii) Needs for educational tools and respective equipment/software;
- (iii) Identification of the subject areas to be addressed by nuclear and radiation education programmes that could benefit from regional cooperation;
- (iv) Actions needed at the country and regional level

Expected Outputs:

During the meeting the following outputs are expected:

- Recognize the human capacities that are required to strengthen educational programmes
- Activities to improve existing educational programme or develop new ones on the basis of gaps

Participation

The regional meeting is open to up to two candidates per TCEU Member State participating in the project RER0049.

Participants' Qualifications and Experience

Nominated candidates should be the representatives of the counterpart institutions or/and Project Counterparts designated for the TC Project RER0049. They should have an educational background in one of following scientific disciplines: nuclear and radiation science or nuclear engineering; and should have experience in delivering educational programmes at university level.

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 (EVT2201662) 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.

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

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.

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