



Project Mid-term Review Meeting

Hosted by

The Government of Poland

through the

Institute of Nuclear Chemistry and Technology

Warsaw, Poland

9 to 13 September 2024

Ref. No.: ME-RER1023-2206816

Information Sheet

Purpose

The purpose of this event is to present, review and discuss the progress made as well as update the project workplan.

Working Language(s)

The working language(s) of the event will be English.

Deadline for Nominations

Nominations received after **26 July 2024** will not be considered.

Project Background

Nucleonic control systems, recognized as the most requested of the radioisotope techniques for measurement and analysis, are widely used in industry to improve product quality, optimize processes and save energy and materials. Radiotracers are applied to investigate industrial installations and processes for protection and sustainable management of natural resources and ecosystems. There are few reports on the use of mentioned nuclear techniques within Europe. To advance these techniques, the project will support the Member States to develop specific action plans to promote, implement and evaluate these techniques. Radiotracer technology including as gamma column scanning, leakage detection in industrial installations e.g. heat exchangers and oil pipelines, flow rate measurements, wastewater treatment plant optimization, are already being applied in some MSs, such as Greece, Hungary and Poland and some other countries. Furthermore, pilot plant setups of gamma computed tomography and nucleonic gauges are established in some MS increasing end users' interests in the applications. Thus, the project will harmonize methodologies and strategies in the area of development and applications of radiotracer and sealed source techniques to enhance and optimize industrial production and protect ecosystems in European Member States. This will eventually promote and maximize the benefits of radiotracer and sealed source methods within the European region. The project will also contribute to: (1) achieving resource efficient and climate resilient economy; (2) protection of sustainable management of natural resources and ecosystems, and (3) sustainable supply and use of radiation absorbent material (RAM). All of these are in line with "Circular Economy Action Plan" (March 2020) which is one of the main building blocks of the European Green Deal, as well as to the implementation of the green economy.

Scope and Nature

The 5-day meeting will consist of country presentations of reports on activities, related to the project over the period of implementation. The meeting will also include lectures, discussions, analysis and/or technical or managerial review of the project among experts and/or participants. The radiological protection measures and standards will be discussed as well. Presentation of selected equipment applied in the industrial and laboratory tests is foreseen. The results elaboration and their practical use will be presented by the experts, involved in the discussed applications.

Participation

Participation is limited to national project counterparts from each participating Member States.

Participants' Qualifications and Experience

The participants should have been deeply involved in tracer in radiotracers or nucleonic systems applications or development and/or radiation detection or regulatory aspects of radiation applications in industry.

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. Download and complete the [Designation of Beneficiary and Emergency Contact Form](#), and upload to InTouch+ ('Profile' tab under the personal section) specifying the document name. If already provided, kindly discard this step; and
 - c. Search for the relevant technical cooperation event (**EVT2206816**) 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](#).

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 AX Travel Management, or a travel allowance, 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 Maria del Pilar Murillo Fuentes
Division for Europe
Department of Technical Cooperation
International Atomic Energy Agency
Vienna International Centre
PO Box 100
1400 VIENNA
AUSTRIA
Tel.: +43 1 2600 26038
Fax: +43 1 26007
Email: M.d.P.Murillo-Fuentes@iaea.org

Administrative Contact (responsible for administrative matters):

Ms Gulnur Erni-Toyalieva
Division for Europe
Department of Technical Cooperation
International Atomic Energy Agency
Vienna International Centre
PO Box 100
1400 VIENNA
AUSTRIA
Tel.: +43 1 2600 22394
Fax: +43 1 26007
Email: G.Erni-Toyalieva@iaea.org