



# **Training Workshop on Mineral Exploration Planning and Management for Uranium and Thorium Projects**

**Hosted by the  
Government of Finland**

**through the  
International Atomic Energy Agency**

**Espoo, Finland**

**29 May–2 June 2023**

**Ref. No.: EVT2201313**

## **Information Sheet**

### **Introduction**

About 92 IAEA Member States have historically or are currently exploring for uranium or thorium. In the past 30 years, 75% or more of the projects in the Uranium Production Cycle that have been supported through the IAEA Technical Cooperation programme were focussed on aspects of uranium exploration.

Experience has shown that these projects often required considerable guidance from the IAEA and international experts, not only on the technical aspects, but on the overall management and planning of these projects in the context of mineral exploration. A systematic, phased approach to exploration for uranium (or thorium) utilizing best practises and IAEA guidance is recommended to ensure the sustainability of uranium exploration programmes in Member States as well as to ensure these activities are undertaken in a safe and secure manner. To support this recommendation the IAEA is in the process of developing a Technical Document entitled, 'Exploration Planning and Management of Uranium Projects'.

A first draft of this document will be the basis of the training materials that will be used at the Training Workshop. In addition, a practical field exercise will be conducted to utilize the theory learned during the meeting.

## **Objectives**

The training meeting will cover the basic knowledge required for professionals to engage in uranium (and thorium) exploration activities. The training is targeted primarily to those who are newly engaged in uranium exploration or with very little previous experience. At the end of the training, each participant will be expected to have enough general knowledge to understand the basic principles needed to plan and execute an exploration programme in their home country utilizing best practises and a systematic approach.

The practical training portions of the event aim to provide the general background and tools to enable professionals to formulate the questions required to undergo an exploration programme in any region.

## **Target Audience**

The training is targeted primarily to those participants who are newly engaged in uranium exploration or with very little previous experience.

## **Working Language**

English

## **Structure**

The training will be conducted by several renowned uranium exploration experts and will comprise lectures, open and guided discussions and presentations including materials from the draft IAEA Technical Document entitled, “Mineral Exploration Planning and Management for Uranium and Thorium Projects”.

A practical field exercise to demonstrate and experience ‘hands on’ practical principles of exploration will be conducted at a site approximately one and a half hours from the host city Espoo, Finland. This field exercise will focus on the utilization of airborne radiometric data in the first stages of a uranium exploration project.

The health, safety and environmental aspects of uranium (and thorium) exploration will also be covered.

## Participation and Registration

All persons wishing to participate in the event have to be designated by an IAEA Member State or should be members of organizations that have been invited to attend.

In order to be designated by an IAEA Member State, participants are requested to send the **Participation Form (Form A)** to their competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) for onward transmission to the IAEA by **21 April 2023**. Participants who are members of an organization invited to attend are requested to send the **Participation Form (Form A)** through their organization to the IAEA by the above deadline.

Selected participants will be informed in due course on the procedures to be followed with regard to administrative and financial matters.

Participants are hereby informed that the personal data they submit will be processed in line with the Agency's Personal Data and Privacy Policy and is collected solely for the purpose(s) of reviewing and assessing the application and to complete logistical arrangements where required. Further information can be found in the Data Processing Notice concerning IAEA InTouch+ platform.

## Expenditures and Grants

No registration fee is charged to participants.

The IAEA is generally not in a position to bear the travel and other costs of participants in the event. The IAEA has, however, limited funds at its disposal to help meet the cost of attendance of certain participants. Upon specific request, such assistance may be offered to normally one participant per country, provided that, in the IAEA's view, the participant will make an important contribution to the event.

The application for financial support should be made using the **Grant Application Form (Form C)**, which has to be stamped, signed and submitted by the competent national authority to the IAEA together with the **Participation Form (Form A)** by **21 April 2023**.

## Venue

The event will be held at the Geological Survey of Finland (GTK) office, Vuorimiehentie 5, FI-02151 Espoo, Finland. A one-day field visit will be made to a site in Western Uusimaa located less than a two-hour drive from the GTK office. Participants must make their own travel, airport transportation and accommodation arrangements in Espoo. Travel arrangements for the field visit to Western Uusimaa will be organized by the event host.

## Visas

Participants who require a visa to enter Finland should submit the necessary application as soon as possible to the nearest diplomatic or consular representative of Finland.

## Additional Information

Participants are advised to bring along suitable clothes for field conditions, i.e. durable shoes or hiking shoes, and waterproof or rainwear in case of inclement weather during the field visit.

## IAEA Contacts

### Scientific Secretary:

Ms Adrienne Hanly  
Division of Nuclear Fuel Cycle and Waste  
Technology  
Department of Nuclear Energy  
International Atomic Energy Agency  
Vienna International Centre  
PO Box 100  
1400 VIENNA  
AUSTRIA  
Tel.: +43 1 2600 26353  
Fax: +43 1 26007  
Email: A.Hanly@iaea.org

### Administrative Secretary:

Ms Sakura De Goyaz  
Division of Nuclear Fuel Cycle and Waste  
Technology  
Department of Nuclear Energy  
International Atomic Energy Agency  
Vienna International Centre  
PO Box 100  
1400 VIENNA  
AUSTRIA  
Tel.: +43 1 2600 22807  
Fax: +43 1 26007  
Email: S.Gyay-De-Goyaz@iaea.org

Subsequent correspondence on scientific matters should be sent to the Scientific Secretary and correspondence on other matters related to the event to the Administrative Secretary.