

# Participation Form

## Regional Workshop on Technical and Scientific Support Organizations Providing Support to Regulatory Bodies: Challenges with their Establishment and Operation

**Dushanbe, Tajikistan**

**18–21 July 2023**

To be completed by the participant and sent to the competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA, or National Atomic Energy Authority) of his/her country for subsequent transmission to the International Atomic Energy Agency (IAEA) either by email to: [Official.Mail@iaea.org](mailto:Official.Mail@iaea.org) or by fax to: +43 1 26007 (no hard copies needed). Please also send a copy by email to the Scientific Secretary [G.Bracke@iaea.org](mailto:G.Bracke@iaea.org) and to the Administrative Secretary [D.Kochkarova@iaea.org](mailto:D.Kochkarova@iaea.org).

Participants who are members of an invited organization can submit this form to their organization for subsequent transmission to the IAEA.

**Deadline for receipt by IAEA through official channels: 15 May 2023**

Family name(s): (same as in passport)	First name(s): (same as in passport)	Mr/Ms
Institution:		
Full address:		
Tel. (Fax):		
Email:		
Nationality:	Representing following Member State/non-Member State/entity or invited organization:	
If/as applicable:		
Do you intend to submit a paper?	Yes	No
Would you prefer to present your paper as a poster?	Yes	No
Title:		

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. The IAEA may also use the contact details of Applicants to inform them of the IAEA's scientific and technical publications, or the latest employment opportunities and current open vacancies at the IAEA. These secondary purposes are consistent with the IAEA's mandate.

# Grant Application Form

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Family name(s): (same as in passport)	First name(s): (same as in passport)	Mr/Ms:
Mailing address:	Tel.:	
	Fax:	
	Email:	
Date of birth (yyyy/mm/dd):	Nationality:	

### 1. Education (post-secondary):

Name and place of institution	Field of study	Diploma or Degree	Years attended	
			from	to

### 2. Recent employment record (starting with your present post):

Name and place of employer/ organization	Title of your position	Type of work	Years worked	
			from	to

### 3. Description of work performed over the last three years:

### 4. Institute's/Member State's programme in field of event:

**Date:** \_\_\_\_\_ **Signature of applicant:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Name, signature and stamp of Ministry of Foreign Affairs,  
 Permanent Mission to the IAEA or National Atomic Energy  
 Authority**

\_\_\_\_\_



**IAEA**

International Atomic Energy Agency

*Atoms for Peace and Development*

**European and Central Asian Nuclear Safety Network (EuCAS)**

# **Regional Workshop on Technical and Scientific Support Organizations Providing Support to Regulatory Bodies: Challenges with their Establishment and Operation**

**Hosted by the  
Government of Tajikistan**

**through the  
Chemical, Biological, Radiological and Nuclear Safety & Security Agency**

**Dushanbe, Tajikistan**

**18–21 July 2023**

**Ref. No.: EVT2001720**

## **Information Sheet**

### **Introduction**

Technical and Scientific Support Organizations (TSO) are organizations or organizational units designated, or otherwise recognized by a regulatory body and/or a government, to provide expertise and services to support nuclear and radiation safety and all related scientific and technical issues as defined by the TECDOC 1835.

The maintenance of expertise supporting the regulatory bodies' functions and the arrangements between a regulatory body and its technical support organizations are identified as key pillars of the framework for safety.

In the case of countries embarking on a nuclear programme, or in countries with limited activities generating only radiation risks, it might be difficult to develop two separate technical organizations for the authorized parties and for the regulatory body, or even to have the supporting services not within the regulatory body. The need to continuously ensure that there is no conflict of interest within the technical services provided to the regulatory body is a significant challenge, as the technical competences must grow with limited available resources.

Capacity building, including training and human resources development, is an essential objective of the TSO. The acquisition and retention of personnel with the relevant technical and scientific knowledge and experience is crucial for TSOs.

The share of technical support in comparison with regulatory functions is different in a Member State operating a nuclear power programme, in a country embarking on a nuclear power programme and in a country using nuclear technologies for applications other than energy production.

Technical networks (e.g. the TSO Forum, ETSON, NUGENIA, MELODI and the International Network for Nuclear Security Training and Support Centres [NSSC Network]) provide means to share information and knowledge, and at the international level, in the nuclear safety, radiation safety and nuclear security community and to provide training opportunities in particular for countries embarking on a nuclear programme and developing TSOs. However, the feedback from countries and relevant networks illustrated some challenges with the Establishment and Operation of Technical Support Organisations, which should be taken into consideration from the viewpoint of member states of EuCAS.

## **Objectives**

The objective of the event is the exchange of experience related to the Establishment and Operation of Technical Support Organisations supporting the regulatory bodies' functions. Issues like the nature and scope of the support activities, the roles and responsibilities of TSOs, the human resources and infrastructure will be discussed.

The workshop will address both types of TSO: internal, as an organizational unit of the regulatory body, or external to the regulatory body. Special attention will be given to the interaction of the TSOs with Regulatory Bodies as well as with other stakeholders (e.g. authorised parties).

Different perspectives will be considered, e.g. from the perspective of regulators, with well-established infrastructure of TSO, from regulators with a need of such structure on different levels and methodologies to assess the existing capacities. The perspective of the technical support organizations (TSO) and networks will be given additionally to the ones of the regulatory bodies.

The workshop will include presentations, discussions, and work in groups on issues mentioned above. It is expected that the participants will share challenges and good practices in this respect.

## **Target Audience**

The regional workshop is open for up to 25 participants (staff members of regulatory bodies or organizations providing technical scientific support to regulatory bodies) and limited provisionally to one (optional two) participant per member state.

Candidates should be professional staff from regulatory bodies or TSOs.

As the regional workshop will be conducted in English, participants should have proficiency to follow lectures and express themselves in this language.

## **Working Language(s)**

English

## **Expected Outputs**

The expected outputs include discussions, conclusions and proposals related to the establishment, operation, and sustainability of TSOs in Member States having a nuclear power programme, embarking on a nuclear power programme or using nuclear technologies for applications other than energy production. Working groups will document their results and conclusions on specific challenges for the operation and establishment of TSO in member states of EuCAS.

Furthermore, future actions, list of challenges, areas of common interest related to the establishment and operation of TSOs will be prepared and prioritized; proposals for the future activity of EuCAS WG1 on Safety Infrastructure will be prepared.

## **Structure**

This workshop will include presentations by the participants and IAEA staff. Depending on the number of participants, some working group sessions will be organized. The participants will be expected to contribute to the working groups by sharing information on more specific issues and by drafting recommendations to address the specific or general challenges identified. Furthermore, testing a web-based tool for the self capability assessment of TSO capabilities might be possible.

A topical questionnaire will be sent to the participants in advance of the workshop and should be returned ahead of the workshop. The results will be presented and discussed.

A site visit to a TSO is envisaged.

## Topics

During the regional workshop the following main topics will be covered and discussed:

- Nature and scope of technical and scientific support activities;
- Types, characteristics and management of a TSO;
- Relation of the TSOs with the Regulatory Bodies and other interested parties;
- Needs of a regulatory body for TSO support in countries with and without a nuclear program.
- Experience and lessons learned from the perspective of member states with or without an established TSO in countries with or without a nuclear program;
- Methodology and tools for TSO self capability assessment;
- Recognition of TSOs and regional TSOs.

A questionnaire will be distributed to the participants through the EuCAS platform or directly by email; the answers should be returned ahead of the workshop and will be analysed and presented by IAEA staff.

## 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.

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 **15 May 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. The IAEA may also use the contact details of Applicants to inform them of the IAEA's scientific and technical publications, or the latest employment opportunities and current open vacancies at the IAEA. These secondary purposes are consistent with the IAEA's mandate.

## 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 **15 May 2023**.

## Venue

The event will be held by the Chemical, Biological, Radiological and Nuclear Safety and Security Agency 299/3 Ayni street, 734063, Dushanbe, Republic of Tajikistan. Participants must make their own travel and accommodation arrangements. A suitable venue will be determined.

## IAEA Contacts

### Scientific Secretary:

#### Mr Guido Bracke

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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.