

International Conference on

# Enhancing Nuclear Safety and Security Through Technical and Scientific Support Organizations (TSOs)

*Challenges and opportunities in a rapidly changing world*



## Background

The International Conference on Enhancing Nuclear Safety and Security through Technical and Scientific Support Organizations (TSOs): Challenges and Opportunities in a Rapidly Changing World to be hosted at the IAEA's Headquarters in Vienna, Austria from 2–6 December 2024. This conference will continue the tradition established by the four preceding conferences on this subject, which were held, respectively in Brussels, Belgium (2018), in Beijing, China (2014), in Tokyo, Japan (2010) and in Aix-en-Provence, France (2007).

Like the earlier conferences, the forthcoming one will play a vital part in the national and international efforts made to ensure the effectiveness of nuclear and radiation safety and security regulatory systems. This conference will also focus, in particular, on the development and strengthening of technical and scientific capabilities to achieve enhanced nuclear and radiation safety and security of facilities and activities, including operational legacy and emerging challenges as well as exchange and transfer of

best practices with embarking countries interested in nuclear power to meet growing energy needs.

It is recognised that nuclear safety and security are to a great extent scientific in nature and that a regulatory body with responsibilities for nuclear facilities and other licensed activities involving radioactive material need to have continuous access to technical and scientific expertise supporting regulatory functions. In this regard, one of the main conclusions of the last conference in 2018 highlighted the need to assist Member States in their strategies to develop their TSO capacities in order to promote TSO's potential contribution to the independence and sustainable effectiveness of the national nuclear safety and security regulatory infrastructures. This fifth conference on TSOs will, in particular, present achievements that addressed the recommendations from the previous TSO conferences.

This conference is being organized by the International Atomic Energy Agency (IAEA) in cooperation with the European Technical Safety Organizations Network (ETSON).

## Purpose and objectives

The purpose of the conference is to consider how to develop and strengthen technical and scientific capabilities to achieve enhanced nuclear and radiation safety and security of facilities and activities, including operational legacy situations and emerging challenges as well as the exchange and transfer of best practices with nuclear power embarking countries.

## Audience

- Conference participants, senior government officials, staff from TSOs, regulators, industry and other stakeholders, as well as technical and scientific experts working in all areas of regulatory functions;
- young professionals, students, youth;
- and general public, media, NGOs, academics.

## Main topics

Papers are invited on the following below-mentioned subject areas:

- Current technical and scientific challenges
- Emerging technical and scientific challenges
- Interaction of TSOs with stakeholders
- Scientific and technical capacity building
- Role of TSOs in an international context and for embarking countries
- Holistic approach to risk and hazard management

## Registration

No registration fee is charged.

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.

## Language

The working language of the conference will be English.

## Key deadlines

- 21 November 2023:** Opening of synopsis submission through IAEA-INDICO
- 29 April 2024:** Deadline for submission of abstracts together with the Form for Submission of a Paper (Form B) and the Participation Form (Form A) through the competent national authority using the InTouch+ Platform
- 29 April 2024:** Deadline for submission of the Grant Application Form (Form C), together with Form A, through the competent national authority using the InTouch+ Platform
- 26 November 2024:** Registration only (no paper submission, no grant request) using Form A through the InTouch+ Platform

## IAEA contacts

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## Conference web page

Please visit the IAEA conference [web page](#) regularly for new information regarding this conference.



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