



# **Technical Meeting on the Assessment and Evaluation of the Occupational Radiation Protection Appraisal Service (ORPAS)**

**Virtual Event**

**13 – 17 September 2021**

**Ref. No.: EVT2004313**

## **Information Sheet**

### **Introduction**

The IAEA Occupational Radiation Protection Appraisal Service (ORPAS) was established to advise Member States on ways to strengthen and enhance the legislative and regulatory infrastructure for occupational radiation protection, technical services relating to protection and safety, such as services for personal dosimetry and the calibration of monitoring and measuring equipment, and practical implementation of Member States' arrangements for occupational radiation protection. The key objective of ORPAS review is to determine whether the host country has made adequate arrangements for occupational radiation protection and whether these arrangements are functioning to the extent that the practical provisions for occupational radiation protection are effective and generally optimized.

The IAEA safety standard in the area of radiation protection is Radiation Protection and Safety of Radiation Sources: International Basic Safety Standards, GSR Part 3. Review against GSR Part 3 is the core component of the ORPAS process. Other safety requirements such as Governmental, Legal and Regulatory Framework for Safety, GSR Part 1 (Rev. 1), Leadership and Management for Safety, GSR Part 2, and Safety Assessment for Facilities and Activities, GSR Part 4, are also used in an ORPAS review to cover all facilities and activities where occupational radiation protection is applied, as well as technical service providers and regulatory bodies.

During an ORPAS mission, recommendations and suggestions may be offered to the host country. Recommendations made are related to items of direct relevance to safety as referenced in IAEA Safety Requirements; suggestions made relate to items that, while not essential to ensure compatibility with IAEA Safety Requirements, may enhance the effectiveness of the national arrangements on occupational radiation protection against the guidance presented in IAEA Safety Guides. Good practices identified may also be documented for consideration by other States.

## Objectives

The event aims to serve as a forum for interested Member States to discuss lessons learned from completed ORPAS missions and commonly encountered difficulties based on the experience gained, and to share best practices and strategies used in the review. In the scope of the meeting, a training course will be organized for ORPAS reviewers and candidates.

### **The topics to be covered during the meeting:**

- ORPAS Guidelines and Collaboration Platform
- Observations from the completed reviews
- Approach for nuclear embarking and expanding countries
- Questionnaires and SARIS
- ORPAS Database – information exchange platform
- Training for reviewers
- Hybrid and virtual and missions
- Recommendations, Suggestions, Good practices and links to Action Plans
- Concept of advisory missions
- Side events for regional networks
- Outlook, Perspectives, and Demands

A special event will be organized during the Technical Meeting for the celebration of 20th anniversary of ORPAS. Some sessions will be live streamed, and a webinar will be organized.

## Target Audience

The meeting is primarily intended for regulatory staff, representatives of Technical Service Providers and operators of Member States, who have a good understanding of the ORPAS process and its guidelines, and who have been directly involved in the preparation and conduct of ORPAS missions and/or follow-up of ORPAS missions. The maximum number of participants is limited to 30 and Member States with completed ORPAS missions are encouraged to designate one or two national counterparts of their missions as participants for this meeting. Member States are strongly encouraged to identify suitable women participants.

## Working Language

The working language of the event will be English. All communication and papers must be sent to the IAEA in English. No simultaneous interpretation will be provided.

## Participation and Registration

All persons wishing to participate in the event must 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 **13 August 2021**. 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 matters.

Participants who wish to give presentations are requested to submit an abstract of their relevant work. The abstract will be reviewed as part of the selection process for presentations. The abstract should be in A4 page format, should extend to no more than one pages (including figures and tables). It should be sent electronically to Mr H. Burçin Okyar, the Scientific Secretary of the event (see contact details below). Authors will be notified of the acceptance of their proposed presentations by **27August 2021**.

## **IAEA Contacts**

### **Scientific Secretary:**

#### **Mr H. Burçin Okyar**

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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.