

# Security of Disused Radioactive Sources

08 – 09 October 2019. Vienna, Austria

## Preliminary Programme

### **DAY 1: TUESDAY 08 OCTOBER 2019**

#### **OPENING SESSION**

- 09:00 – 09:30** Welcome & opening remarks (ISSPA, WINS)
- 09:30 – 10:00** Introduction of participants, review of the pre-workshop survey and summary of participants' expectations (Facilitator)

#### **SESSION 1: THE BIG PICTURE**

Key issues:

- What are the different options for managing disused radioactive sources?
- What are the main elements of a national strategy? What are the roles and responsibilities of various stakeholders? What are we good at? What remains challenging?
- What are the security concerns related to disused radioactive sources?

**10:00 – 10:30** **Managing disused radioactive sources - A global perspective**

**10:30 – 10:45** **Plenary and table discussions** on remaining challenges for effectively managing disused sources

**10:30 – 10:45** Coffee Break

**10:45 – 11:15** **Disused radioactive sources – Security threats and vulnerabilities**

**11:15 – 12:15** **Break out discussions**

- To identify each step of a comprehensive strategy for an effective management of disused sources;
- To review security needs and challenges for each of these steps.

**12:15 – 13:15** Lunch

#### **SESSION 2: RETURNING DISUSED SOURCES TO THE SUPPLIERS**

Key issues:

- What are the current practices and challenges for returning sources to suppliers or producers?
- What are the responsibilities of countries using the sources and of countries that have originally supplied sources to other countries?
- What is the role of international assistance programmes in supporting the repatriation of disused radioactive sources?

**13:15 – 13:45** **Sustainable mechanisms for returning sources to suppliers**

**13:45 – 14:15** **Re-use and recycling of radioactive sources**

**14:15 – 15:15** **Break out discussions** to review usual challenges and possible solutions

- How do you identify the country of origin? What happens when suppliers or producers no longer exist?
- Are existing legislations and regulations a support or an impediment to returning the sources to suppliers?
- Are enough authorised transport packages available?
- Do we have necessary documentation and certificates for sources and devices?
- Are necessary financial resources available?

- 15:15 – 15:30 Coffee Break
- 15:30 – 16:15 **International initiatives for supporting the repatriation of high activity sources**
- 16:15 – 16:45 **Plenary and table discussions** on lessons learnt from the implementation of international assistance programmes.
- 16:45 – 17:00 Wrap-up of the day – Key findings and main takeaways
- 17:00 Workshop cocktail

## **DAY 2: Wednesday 9 October 2019:**

- 09:00 – 09:15 **Review of Day 1 and Introduction of Day 2**

### **SESSION 3: INTERIM STORAGE OF DISUSED RADIOACTIVE SOURCES**

Key issues:

- What do we mean by interim storage? What are possible interim storage options?
- What can we learn from people who are designing and operating such storages?
- How is security taken into account?

- 09:15 – 10:15 **Experience and lessons learnt from selected countries**

- 10:15 – 10:45 **Plenary and table discussion** on possible interim storage options from operational, safety and security perspectives.

- 10:45 – 11:00 Coffee Break

### **SESSION 4: TRANSPORT CHALLENGES INCLUDING IMPORT/EXPORT REQUIREMENTS**

Key issues:

- What are the costs associated with the domestic/international transportation of disused sources? What could be options to reduce these costs?
- What legal and technical infrastructure is needed in the country where the source is located? What can be done when an adequate infrastructure is not in place?
- Is the import/export framework adequate? Are the transport requirements consistent all over the world?
- What are the possible liability issues and how are they covered by insurance?
- How are security aspects during transport addressed?

- 11:00 – 11:30 **Challenges Associated with the Export and Import of High Activity Sealed Sources**

- 11:30 – 12:00 **The Security of radioactive sources in transport**

- 12:00 – 12:45 **Break out groups** to discuss key challenges related to the transport of disused sources.

- 12:45 – 13:45 Lunch

### **SESSION 5: MANAGEMENT OF DISUSED SOURCES AS WASTE AND THEIR FINAL DISPOSAL**

Key issues:

- What are the existing or future options for final disposal of disused radioactive sources?
- What are the associated costs and remaining technical, regulatory or political barriers?
- Is final disposal the ultimate response to the security risk?

**13:45 – 14:45**      **Options to ensure final disposal of sources**

**14:45 – 15:15**      **Plenary and table discussions** on technical, regulatory and other barriers to final disposal facilities

**15:15 – 15:30**      Coffee Break

**SESSION 6:      THE WAY FORWARD**

Key issues:

- Is the international regime for end of life management adequate?
- What are the key lessons to take away from this workshop?
- What questions and challenges remain unaddressed?

**15:30 – 16:15**      **Topical group discussion** to perform a gap analysis and better understand necessary actions for each stakeholder to improve the management of disused sources

**16:15 – 16:30**      **Plenary and table discussion** on the key findings of the workshop

**CONCLUSION SESSION**

**16:30 – 16:45**      **Workshop Evaluation**

**16:45 – 17:00**      **Closing remarks**

**End of The Workshop**