

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 takeways
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