Sealed radioactive sources (SRS) provide great benefits in health, science, industry and agriculture. Once they become disused, they continue to pose safety and security challenges. Solutions exist to support Member States in meeting these challenges, including return to supplier, reuse and recycling, decay storage and disposal of disused sealed radioactive sources (DSRS).

These solutions cover all aspects of source management, such as tools and technology and establishing and maintaining safety and security infrastructure, throughout the life cycle of the SRS. They are most effective when implemented taking a holistic approach and using all available expertise.

At this event, Member States will present solutions that they have successfully implemented or are planning to implement, as well as results achieved and lessons learned. One of the presentations will highlight the borehole disposal project, including the development of the mobile tool kit facility to support borehole disposal for low (category 3-5) DSRS, Member States’ initiatives on building capacity and practical storage solutions. The event will demonstrate how the publication of the IAEA’s Code of Conduct on the Safety and Security of Radioactive Sources and its supplemental guidance, the ongoing support of return to supplier and recycle missions, and expert missions to support building capacity for conditioning and storage of category 3-5 DSRS have all contributed to increasing the Member States ability and capacity to safely and securely manage DSRS.

**Moderator:** Nathalie Semblat  
Deputy Director and Senior Program Manager, Global Affairs Canada

**Scientific Secretaries:** Cathleen Roughan, IAEA Division of Nuclear Fuel Cycle and Waste Technology  
Gert Liebenberg, IAEA Division of Nuclear Security  
David Bennett, IAEA Division of Radiation, Transport and Waste Safety
Innovative Solutions for the Effective Management of Disused Sealed Radioactive Sources

Programme

Opening address
Mikhail Chudakov
Deputy Director General
Head of the IAEA Department of Nuclear Energy

ISO Freight Container as a Storage Facility for DSRS – Experience in Mali
Nagantie Kone
Agence Malienne de Radioprotection (AMARAP)
Mali

How the Slovenian waste management organization was granted a licence to condition category 3-5 DSRS
Simona Sucic
Agency for Radwaste Management (ARAO)
Slovenia

An update on the Mobile Tool Kit Facility
Mercedes Salgado
Expert to the IAEA

Borehole Disposal Implementation in Malaysia
Mohd Abd Wahab Yusof
Malaysian Nuclear Agency (Nuclear Malaysia)
Malaysia

South America Category 1 and 2 DSRS Removal Operations: The Experience of Paraguay
Enrique Paez
Autoridad Reguladora Radiológica y Nuclear (ARRN)
Paraguay

Concluding remarks
Peter Johnston
Director
Division of Radiation, Transport and Waste Safety
IAEA Department of Nuclear Safety and Security

17:30- 19:30 Reception
M Building, ground floor

www.iaea.org/ne
Follow us: @IAEANE