



Nuclear  
Energy

62nd IAEA General Conference

# side events



## Innovative Solutions for the Effective Management of Disused Sealed Radioactive Sources

Wednesday, 19 September 2018, 16:00-17:30  
Conference Room M5, M building, ground floor

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**

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# Innovative Solutions for the Effective Management of Disused Sealed Radioactive Sources

## Programme

<b>Opening address</b>	<b>Mikhail Chudakov</b> Deputy Director General Head of the IAEA Department of Nuclear Energy
<b>ISO Freight Container as a Storage Facility for DSRS – Experience in Mali</b>	<b>Nagantie Kone</b> Agence Malienne de Radioprotection (AMARAP) <b>Mali</b>
<b>How the Slovenian waste management organization was granted a licence to condition category 3-5 DSRS</b>	<b>Simona Susic</b> Agency for Radwaste Management (ARAO) <b>Slovenia</b>
<b>An update on the Mobile Tool Kit Facility</b>	<b>Mercedes Salgado</b> Expert to the IAEA
<b>Borehole Disposal Implementation in Malaysia</b>	<b>Mohd Abd Wahab Yusof</b> Malaysian Nuclear Agency (Nuclear Malaysia) <b>Malaysia</b>
<b>South America Category 1 and 2 DSRS Removal Operations: The Experience of Paraguay</b>	<b>Enrique Paez</b> Autoridad Reguladora Radiológica y Nuclear (ARRN) <b>Paraguay</b>
<b>Concluding remarks</b>	<b>Peter Johnston</b> Director Division of Radiation, Transport and Waste Safety IAEA Department of Nuclear Safety and Security

**17:30- 19:30 Reception**

**M Building, ground floor**