

66th IAEA General Conference



Introducing Disused Sealed Radioactive Sources Technical Centre (DSRS-TeC) Peer Review Mission

Hybrid Side Event during the 66th IAEA General Conference

Thursday, 29 September 2022, 10:00-11:30 CEST

Conference Room CR2, C building, 2nd floor

For virtual participation, register [here](#).

The Disused Sealed Radioactive Sources (DSRS) Technical Centres concept, previously known as Qualified Technical Centre (QTC), aims to increase the worldwide capability and accessible resources to sustainably manage DSRS, by encouraging countries with well-equipped facilities and trained personnel to provide technical services for the management of DSRS within their country and abroad. Any public or private organization that would like to be reviewed as a DSRS Technical Centres, could request for the peer review mission to the IAEA through official channels. This side event will present the new IAEA peer review mission, DSRS Technical Centre (DSRS TeC), its approach and objectives, as well as experiences from the pilot mission.

Global demand for managing DSRS remains high. In some Member States, sealed radioactive sources are the only radioactive material and its management is performed periodically. The IAEA is aware that even if capacity building is provided to the Member State during periodical DSRS management operation, this knowledge may not be retained over time. Hence, the DSRS Technical Centres could be reach out to provide sustainable support and possibly provide solutions in a more cost-effective manner.

The IAEA DSRS TeC mission will review technical proficiencies, operational processes, and quality management system of these Technical Centres, upon request. Major activities of DSRS management which would be performed (entirely or partially) by a Technical Centre include:

- Assistance in establishing SRS/DSRS inventory
- DSRS characterization
- Conditioning of Cat 1-2 DSRS
- Conditioning of Cat 3-5 DSRS
- Guidance and advice on end-of-life solutions (decay in storage, reuse, recycling, disposal)
- Support for preparation for international transport or removal

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Event Programme

Welcoming Address

Mikhail CHUDAKOV

IAEA Deputy Director General
Head of the Department of Nuclear Energy

Panel Forum

Chair:

Norasalwa ZAKARIA

Head, Waste Technology Section
Division of Nuclear Fuel Cycle and Waste
Technology
IAEA Department of Nuclear Energy

Introduction to the Disused Sealed Radioactive Sources Technical Centre (DSRS-TeC)

Milutin JEVREMOVIC

Radioactive Waste Management Consultant
Waste Technology Section
Division of Nuclear Fuel Cycle and Waste
Technology
IAEA Department of Nuclear Energy

Conduct of the DSRS-TeC Peer Review Mission

Mladen NOVAKOVIC

EKOTEH dosimetry Co. Radiation protection
Croatia

Experience from the pilot DSRS-TeC Peer Review Mission

Bouzekri NACIR

Director, Nuclear facilities
CNESTEN (Centre National de l'Energie, des
Sciences et des Techniques Nucléaires)
Morocco

Q&A

Closing followed by social event

