



Challenges for the TSO: Ten Years Contributing to Strengthening Scientific Capacities for Nuclear Safety and Security for Regulatory Frameworks and Infrastructures

The side event will focus on the main achievements of the TSO, such as the TSO initiative based on the IAEA TECDOC-1835 comprising a new self-assessment methodology with the TOSCA-tool. Moreover, a short overview will be given of the achievements and recently published proceedings of the 2018 TSO conference organized in Brussels, as a basis for the 2022 TSO conference in St. Petersburg. Finally, the IAEA's support for the TSO activities, including the national workshops will be highlighted.

Date: 21 September 2021 from 13:30 to 14:30 CEST

Location: ESPACE M01, M building, first floor

Chairs: Mr. Michel Van haesendonck (BEL V, Belgium), Ms. Carla Eibl-Schwaeger (GRS, Germany)

1:30 p.m. - 1:45 p.m. **Welcome remarks by**

NS DDG, Lydie Evrard (IAEA)

TSO Forum Chair, Michel Van haesendonck (BEL V, Belgium)

1:45 p.m. - 2:00 p.m. **Overview of the TSO Forum Activities**

Karim Ben Ouaghrem (IRSN, France)

Carla Eibl-Schwäger (GRS, Germany)

The experts of the consultancy group of the TSO will provide an overview of the ongoing efforts of the TSO initiative, based on the IAEA TECDOC-1835 comprising a new self-assessment methodology with the TOSCA tool.

2:00 p.m. - 2:10 p.m. **IAEA National TSO Workshop – feedback from NNR, South Africa**

TSO Representative (NNR, South Africa)

RB Representative (NNR, South Africa)

The presenters will provide a brief overview and feedback from the first National TSO Workshop held in Nov 2019, where the self-assessment methodology (TOSCA) and its corresponding tool was applied and tested.

2:10 p.m. - 2:30 p.m. **Closing Remarks and Open Discussions**

Michel Van haesendonck (BEL V, Belgium)

Carla Eibl-Schwaeger (GRS, Germany)

The Chair will close the side event with an outlook on the future events and the strategy of the Forum, i.e.:

- TSO Conference 2022 in St. Petersburg, Russia
- TSO Conference 2026 in Paris, France
- Further use of the TOSCA Tool, potential member states
- Future activities for the TSO Forum

Open discussions where participants can present their thoughts and perspectives on several aspects.