TSO Forum Activities and Development

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1. Background
2. Recent Development of TSO Activities within TSOF
3. Next Steps and Challenges
1. Background
The Milestones of TSOF Development

- **2007** 1st TSO Conf.: TSOs from different countries joint effort to develop a common understanding.

- **2010**: 2nd TSO Conf.: Regulatory functions need to be science based. **Creation of TSO Forum (TSOF) as a platform for networking between support organizations.**

- **2011**: Fukushima Daiichi accident: the “need for appropriate technical and scientific support” is one of the area of improvement for strengthening the effectiveness of national regulatory bodies.
The Milestones of TSOF Development

- **2014**, 3rd TSO Conference.
  About 250 participants from 42 Member States and 5 organizations:
  - Lessons from Fukushima Daiichi accident,
  - Acknowledge the role of TSO on research and development (R&D)
  - TSOs to support building nuclear safety and security capacity in embarking countries.

- **2015**, IEM 8 on Strengthening Research and Development Effectiveness and IEM 9 on Assessment and Prognosis in Response to a Nuclear or Radiological Emergency – Highlighted the role of TSOs

IAEA
International Atomic Energy Agency
2. Recent Development of TSO Activities within TSOF
Each meeting focuses on selected thematic issues.

Exchange of experience and information among TSO representatives.

Review of progress on planned actions.

Discussion of future objectives

**March 2015: 7th TSOF SC meeting** in Vienna – 25 participants from 15 Member States and the European Commission. Adoption of an action plan.

**October 2015: 8Th TSOF SC meeting** in Vienna - 23 participants from 14 Member States and from the European Commission.
Development of a TECDOC on TSOs

TECDOC titled “Technical and Scientific Support Organizations (TSOs) and their Services provided in Support to Regulatory Functions” in preparation since March 2015.

- First CS 23-25 March (in parallel with a meeting organized by NE Department of a Draft for TSO in support to nuclear power project, to review and expand the existing TECDOC-1078).
- 2nd CS on 25-28 August for Drafting of a TECDOC on Technical and Scientific Support Organizations.
- DPP approved on 1 October 2015.
- 3rd CS on 14-16 October 2015.
- Current work to produce a consolidated version
- Final draft in Spring 2016 → Publication expected end 2016.
New activity on R&D
Growing coordination between TSOF and other key initiatives

- Through IEM, TSOF Steering Committee meetings and TECDOC development:
  - Coordination with Agency supported TSO activities on operator side (under leadership on NE Department).
3. Next Steps and Challenges
New initiatives listed in the TSOF Action Plan

- Finalize TECDOC.
- Finalize Proceedings of 2014 TSO Conference.
- Develop related R&D activities (...)
- Develop TSOs activities related to Capacity Building (in coordination with RCF, ANSN, FNRBA, ANNuR)
  - Facilitate the provision of TSOs support to countries developing their safety infrastructure through their involvement in workshops and capacity building activities.
  - Develop preliminary mechanisms to support the establishment of TSOs in embarking countries.
New initiatives listed in the TSOF Action Plan

- Develop a database of TSO experts who can be contacted by the Agency to implement capacity building activities (depending on availability and interest). Accessible on TSOF website, only to TSOF SC members and IAEA.

- Compile a list of basic TSO data per country.

- Organize a TSO side event (i.e. TSOF Plenary Meeting) during the 2016 IAEA General Conference.

- Prepare: **4th TSO Conference in 2018**

  Proposed TSO Conference:
  - in Brussels, Belgium (to be hosted and co-organized with BEL V)
  - in October 2018
Thank you for your attention