

(DRAFT)

**Regional Conference on
21st Century Capacity Building and Virtual TSO in Asia**

29 October 2010
Tokyo, Japan

following the
*International Conference on Challenges Faced by Technical and Scientific Support
Organizations (TSO) in Enhancing Nuclear Safety and Security*
25-28 October 2010
Tokyo Japan

Organized by
the International Atomic Energy Agency (IAEA)

Hosted by
The Government of Japan
Through the Japan Nuclear Energy Safety Organization (JNES)

1. Introduction

The global nuclear community is experiencing a period of dynamic change, particularly in Asia. This change includes the introduction of new nuclear power plants, the rapid expansion of existing nuclear power programmes and the wider use of radioactive sources. Establishment and further enhancement of effective nuclear safety infrastructure through capacity building in the region is essential to build a programme based on sustainable nuclear safety.

Sharing relevant knowledge and experiences is key to capacity building. The Asian Nuclear Safety Network (ANSN) was launched in 2002 as a platform for facilitating sustainable regional cooperation to pool, analyse and share nuclear safety information, existing and new knowledge and practical experience in Asia. In 2009, the ANSN entered a new era of cooperation having the high-level guidance, commitment and support at the ministerial and senior officials level responsible for nuclear safety. “The Vision for the ANSN by the year 2020” (Vision 2020) was shared at the 2nd meeting of Nuclear Safety Strategy Dialogue of ANSN in April 2009. In October 2009, the Capacity Building Coordination Group (CBCG) was established to coordinate and monitor ANSN activities for achieving the Vision 2020 and, in particular, for developing the regional capacity building system in Asia.

The ANSN will be a leading model for enhancing the capacity for Capacity Building in Asia through implementing and achieving the Vision 2020. The Vision 2020 Action Plan seeks to increase face-to-face cooperative activities and interactive use of state-of-the-art IT network among National Capacity Building Centres (network of Capacity Building Centres in Asia), complimenting the cooperative activities among technical scientific support organizations (Virtual TSO) and the nuclear safety experts’ community in Asia. (Fig.).

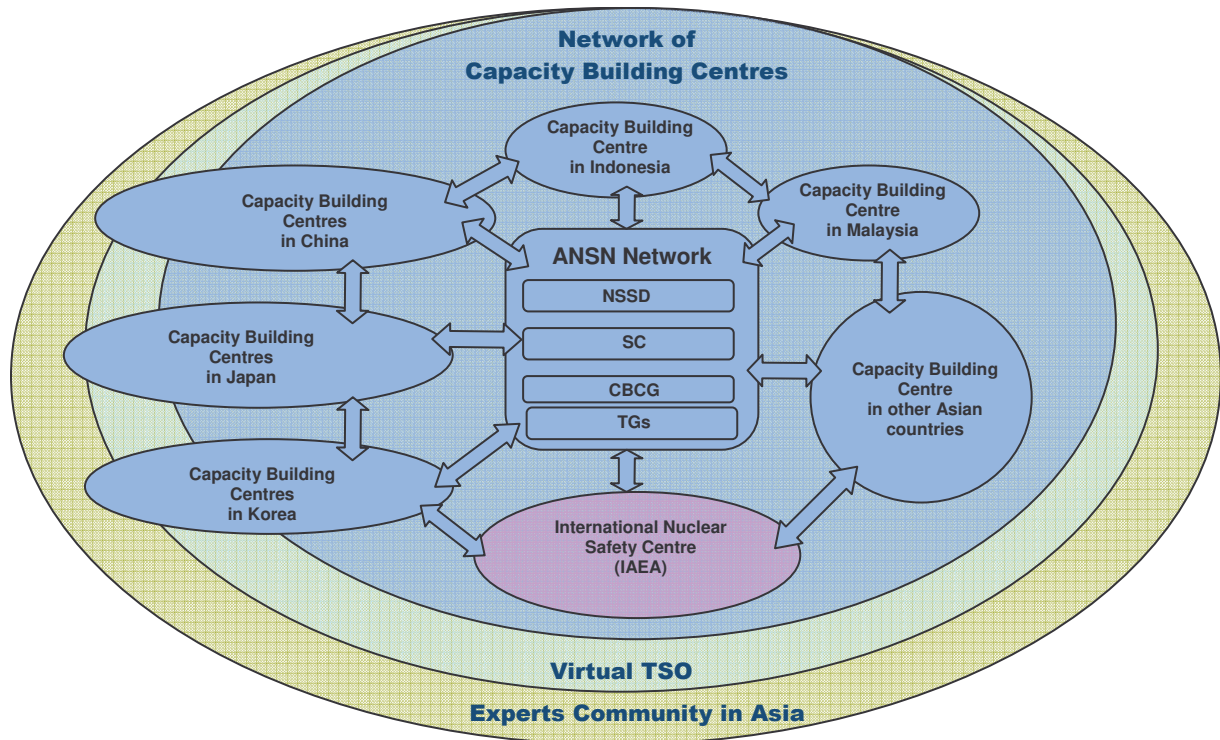
The Vision 2020 Action Plan identifies the need to strengthen and expand human network through organizing a regional conference on establishment of the Regional Capacity Building (RCB) System in Asia. This is the first opportunity to establish a core human network involving RCB activities in Asia through discussing how the RCB System should and can be developed efficiently and effectively.

Furthermore, ANSN outreach activities are important. Cooperation among the global and regional nuclear safety knowledge networks (e.g. Global Nuclear Safety and Security Network (GNSSN), ANSN, FORO (Ibero-American Form of Radiological and Nuclear Regulatory Agencies), the newly created Forum of Nuclear Regulatory Bodies in Africa (FNRBA) and the Arab Network of Nuclear Regulators (ANNuR)) would be mutually beneficial for promoting capacity building activities as a network among networks.

Accordingly, a regional conference will be held in Tokyo, Japan on 29 October 2010, with a focus on international and regional cooperative activities and networking for facilitating the regional capacity building and Virtual TSO as a follow-on to the International Conference on Challenges Faced by Technical and Scientific Support Organizations (TSOs) in Enhancing Nuclear Safety and Security, 25-29 October 2010 in Tokyo, Japan. The regional conference will focus on strengthening and expanding the human network for facilitating nuclear safety capacity building and safety infrastructure development internationally and regionally, inter alia, in Asia in the 21st century.

Fig. : ANSN as a Model for Regional Capacity Building

— Promoting Horizontal Interaction and Networking among Capacity Building Centres —



2. OBJECTIVES

The objectives of this conference are to strengthen and expand the human network among international and regional nuclear safety knowledge networks. In particular the ANSN will facilitate the capacity for Capacity Building and safety infrastructure development in Asia. The establishment of the Network of Capacity Building Centres in Asia and Virtual TSO in the region are fundamental to achieving this goal. It is expected that the conference will address the opportunities and challenges of developing nuclear safety capacity building systems and safety infrastructure in the 21st century in Asia and provide recommendations and guidance on the following issues:

- Exchanging views on coordination and collaboration for establishing the Network of Capacity Building Centres in Asia and Virtual TSO;
- Identifying the most effective and efficient IT network infrastructure for facilitating nuclear safety capacity building and safety infrastructure in Asia;
- Prioritizing ANSN activities while responding to the need for developing nuclear safety capacity building and safety infrastructure in the region;
- Fostering mutually beneficial coordination, and collaboration among the global and regional nuclear safety networks (e.g. e.g. GNSSN, ANSN, FORO, FNRBA and ANNuR) to support nuclear safety capacity building and safety infrastructure development.

3. TOPICS

The following topical issues have been identified as subjects for the conference sessions:

Topical Issue No. 1: The Challenges of capacity building in the 21st century and the establishment of a Network for Capacity Building Centres in Asia and Virtual TSO

This session will address the opportunities and challenges of developing nuclear safety capacity building systems and safety infrastructure in the 21st century in Asia. This is a dynamic region with many member states actively considering embarking on or expanding nuclear power programmes. Within this context, it is important to identify the most efficient and effective knowledge network infrastructure to respond to the associated opportunities and challenges. The Topics for discussion could include:

- Opportunities and challenges that regulatory bodies, TSOs, industries, operators and research organizations are facing now and in the future for developing capacity building for new or expanding nuclear power programmes
- Establishment and mobilization of the Regional Capacity Building System, inter alia, the Network of Capacity Building Centres in Asia and Virtual TSO
- Implementation of a generic action plan for establishing the Regional Capacity Building System, and the development and effective and efficient use of IT network in Asia

Topical Issue No. 2: Enhancing international and regional nuclear safety knowledge networking for internationally facilitating, establishing and enhancing capacity building

This session will address issues related to cooperation among international and regional nuclear safety knowledge networks to facilitate capacity building. Topics for discussion could include:

- Discuss the current status and future plans of the global and regional nuclear safety knowledge networks (e.g. GNSSN, ANSN, FORO, FNRBA and ANNuR); and
- Potential opportunities for cooperation among international and regional nuclear safety knowledge networks for capacity building, globally and in their regions.

4. AUDIENCE

The conference is directed at a broad range of experts in the area of nuclear safety who are involved in, support or utilize the global and regional nuclear safety knowledge networks (e.g. GNSSN, ANSN, FORO, FNRBA and ANNuR).

Participants in the International Conference on TSOs, 25-28 October 2010, Tokyo, Japan are encouraged and invited to attend this one day conference on 29 October, 2010 to further explore these issues from a regional perspective.

5. PROGRAMME STRUCTURE

The conference will consist of an opening session including a report from the IAEA on the results of the International Conference on TSOs and of its relevance to this regional

conference, two topical sessions and a concluding session. At the topical sessions, lead presentations will be made, followed by panel discussions and open question and answer period. After the discussions, conclusions and recommendations will be formulated.

6.CONFERENCE SECRETARIAT

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