

VISION FOR THE ANSN BY THE YEAR 2020: *Development of Regional Capacity Building System for Nuclear Safety Infrastructure in Asia*

The Asian Nuclear Safety Network (ANSN) will provide a sustainable regional network effectively supporting establishment and continuous improvement of Member Country's national nuclear safety infrastructure.

This regional network will function through a strong human and IT network, combined with a regional capacity building system consisting of:

- Integrated Virtual Centre for Education and Training,
- Technical Advisory Service and Cooperative activities, and
- Regional Peer Review and Support Arrangement.

Regional Capacity Building System

Established Common Knowledge

Education & Training!

Customised Specific Knowledge

Expertise Sharing!

New & Creative Knowledge

Dynamic Interaction!

Governmental & Institutional Capacity

Sharing & Learning!

Integrated Virtual Centre for Education and Training (E&T)

- e-Library on the ANSN web site to provide e-learning and conventional materials
- Regional E&T Centres for training trainers, model national courses, regional state-of-the-art courses, and Master's Degree Program

Technical Advisory Service and Cooperative Activities

Solution Support Service

- Topical Groups of nuclear safety experts of member countries for sharing expertise and solution support through regular meetings, expert missions, and web communication
- Pool and Roster of qualified experts in/out of the region

Virtual Technical Support Organisation (TSO)

- IT Platform and support for Cooperative and Interactive activities among Asian nuclear safety researchers and experts
- Technical support from a Virtual TSO to member countries

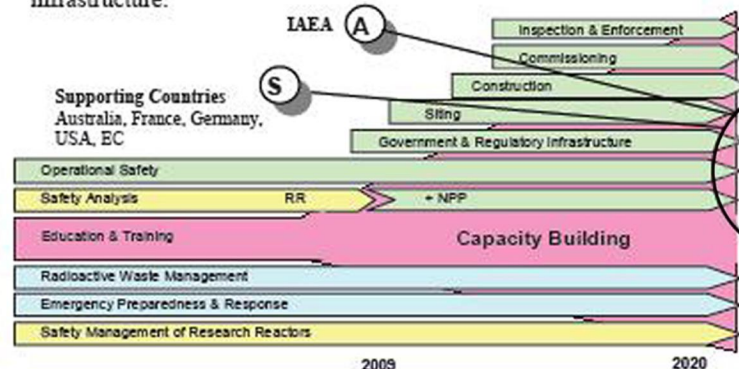
Regional Peer Review and Support Arrangement

Promotion of Sharing Good Practices & Lessons Learned

- Development and application of guidelines for safety evaluation based on Safety Conventions, Codes of Conduct, IAEA safety standards, and review service guidelines
- Self-assessment of the safety status for each Asian country
- Peer discussion and reviews among member countries
- Support Missions to Asian countries

Strong Human and IT Network for Capacity Building

The ANSN will be a strong human and advanced IT network to acquire, create, and share nuclear safety knowledge in the region and cover all key topics regarding nuclear safety infrastructure.



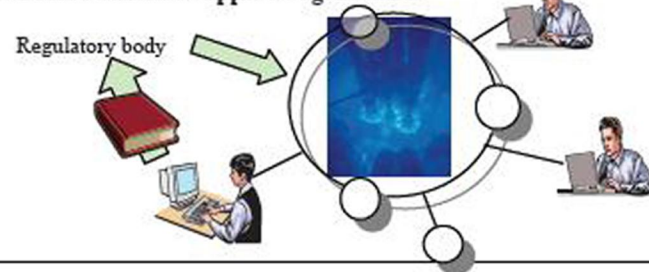
Web communication, e-learning

Regional Education and Training Centres

China	Nuclear Radiation Safety Centre (NNSA)
Japan	Inspection Oversight (JNES) Radiation Emergency (JAEA/NIET)
Korea	Regulatory Control of NPP (KINS) International Nuclear Safety Masters' Degree Program (KINS/KAIST)



Virtual Technical Support Organisation



Observer participation in IAEA Review Missions

Emergency Preparedness & Review Mission (Malaysia in July 2009)
Integrated Regulatory Review Service (Vietnam in October 2009, USA in 2010)