

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

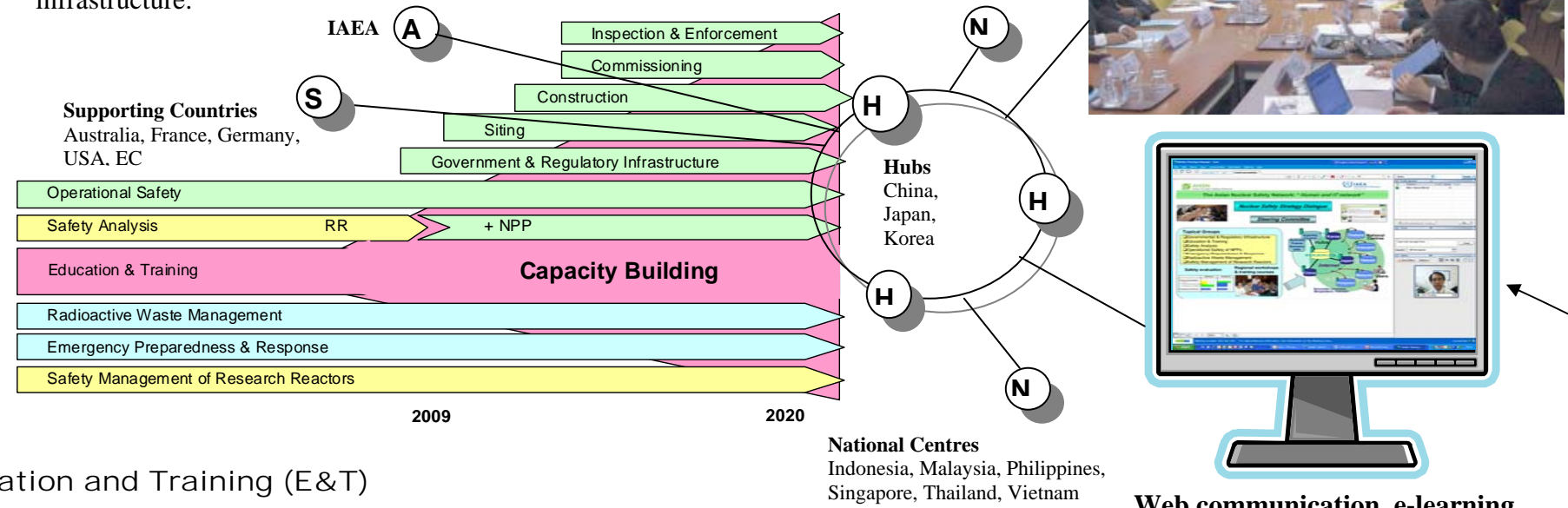
The Asian Nuclear Safety Network (ANSN) will provide a sustainable regional network effectively supporting establishment and continuous improvement of Member Country's national nuclear safety infrastructure.

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.

## 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.



## Regional Capacity Building System

Established Common Knowledge

*Education & Training!*

### 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

Customised Specific Knowledge

*Expertise Sharing!*

### 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

New & Creative Knowledge

*Dynamic Interaction!*

### 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

Governmental & Institutional Capacity

*Sharing & Learning!*

### Regional Peer Review and Support Arrangement

#### Promotion of Sharing Good Practices & Lessons Learned

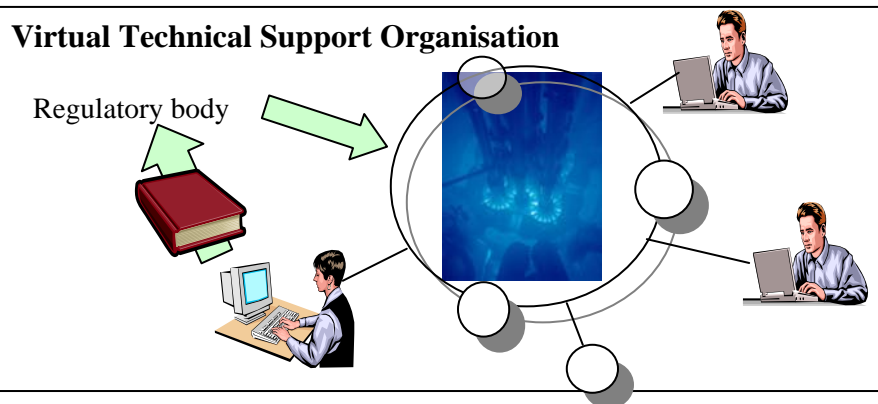
- **Development and application of guidelines for safety evaluation** based on Safety Conventions, Codes of Conduct, IAEA safety standards, and review service guidelines
- **Self-assessment** of the safety status for each Asian country
- **Peer discussion and reviews** among member countries
- **Support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

## 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)