

A photograph of a nuclear power plant at night, with its structures and lights reflected in a body of water. The sky is a mix of orange and purple, suggesting dusk or dawn. The plant's lights are on, and their reflection is clearly visible in the water below.

# **Regional cooperation for peaceful use of nuclear energy for electricity production**

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# Potential topics for discussion on this RT

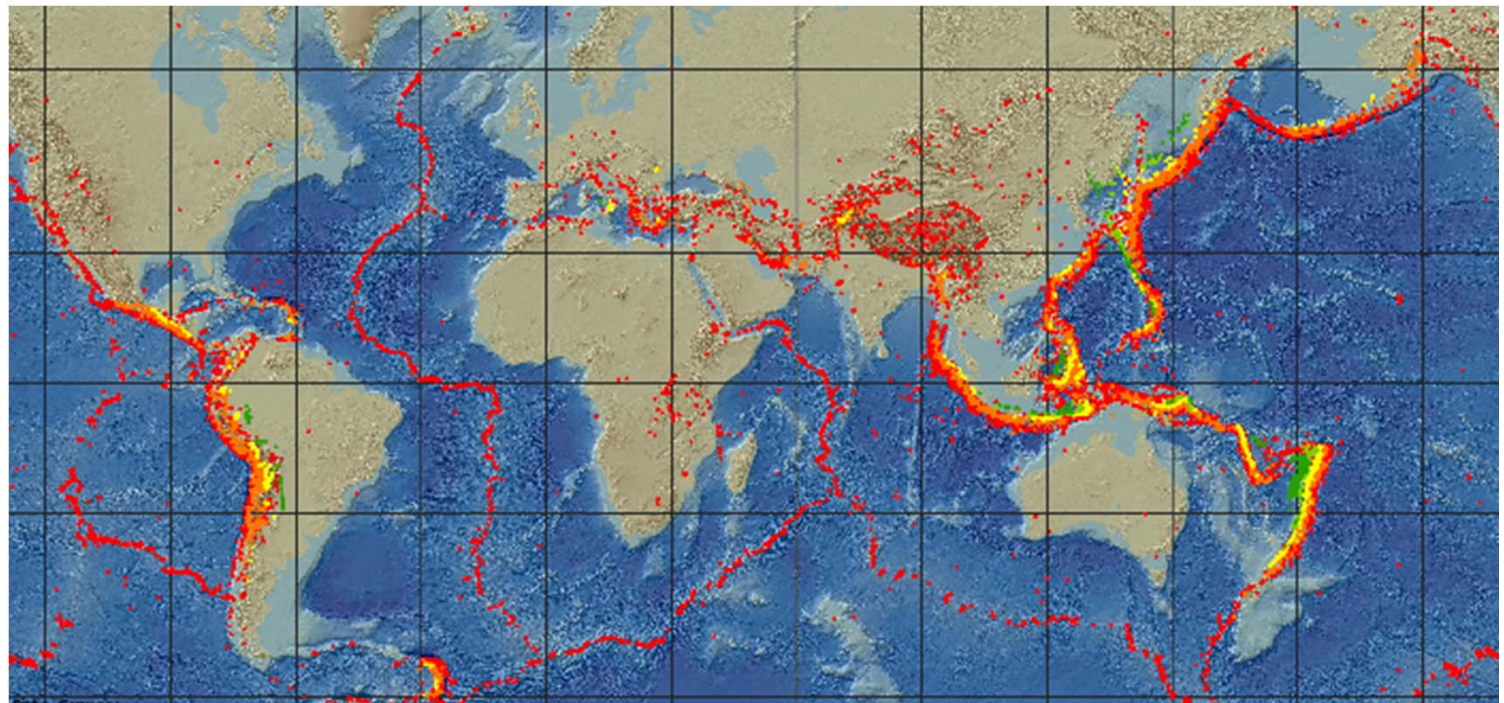
1. **Effective cooperation for building sound infrastructure**
  - To operate nuclear power in safe, secure, safeguarded and sustainable manner
  - Among others, it is most effective for FNCA members to share experiences and lessons learned from countries operating nuclear power on such topics as;
    - Technology transfer and (for) localization of nuclear industry
    - Human resources development
    - Pre- and Project management for construction ion of nuclear power plant
    - Assurance of fuel supply and sound waste management
    - Nuclear safety culture, security culture, safeguard culture
    - Stakeholder involvement.....
  - Most of these issues already picked up by the “**Study Panel** for introduction of nuclear power” of the FNCA

## Potential topics for discussion on this RT

### 2. How to assure safety, security, and proliferation-resistance, eventually by responsible supply and responsible use of nuclear power?

- Sharing experiences/LL and design methodology
  - Dialogue? On how to make the designs robust to natural hazards (seismicity, tsunami, volcano) frequent in Eastern Asian region
- “Accident anywhere in the world is accident everywhere in the world”

*global map of  
earthquake  
activity*



## Potential topics for discussion on this RT

### 3. How to increase leverage for low-carbon economy by the use of nuclear power?

- Lifting of nuclear exclusion from CDM/JI
- Bi-lateral arrangement for emission credit such as by;
  - cooperation of efficiency improvement of coal-fired plants
  - installation of carbon-free renewable/nuclear power plants

### 4. How to increase unique added value by regional cooperation?

- Sharing resources such as research reactor utilization
- Assurance of stable supply of what ? Fuel ? And action for example networking such as supply chain for nuclear power (similar to isotope supply)?
- Communication of regulator on safety standards (seismic design criteria, safety goals etc)
- Sharing good practices for sustainable development in the region surrounding the NPP



***Thank you for your attention***

