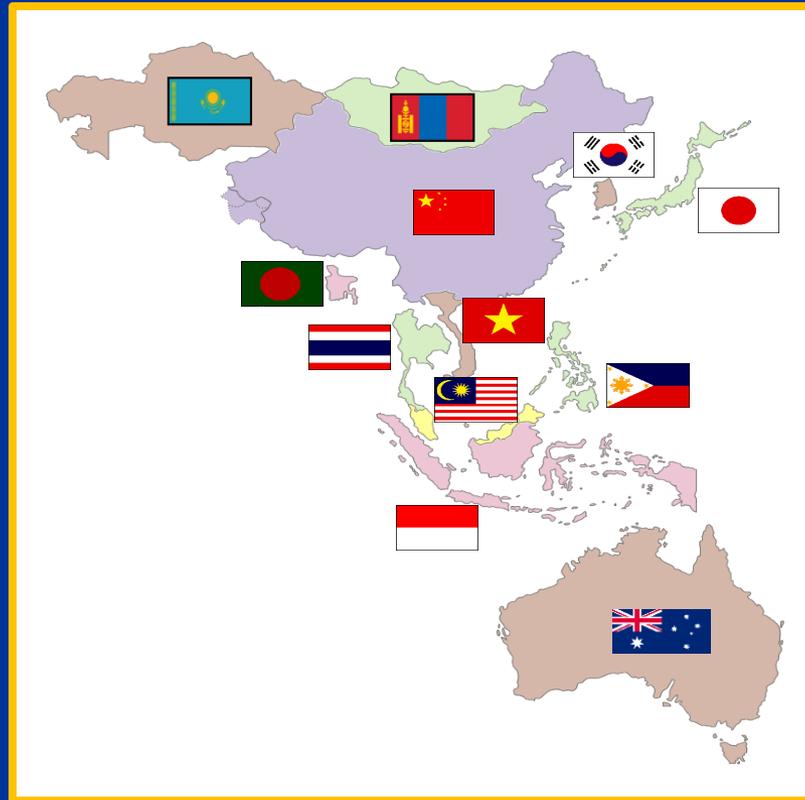


Overview and Progress of FNCA Activities in 2016

12 Member Countries

Australia
Bangladesh
China
Indonesia
Japan
Kazakhstan



Korea
Malaysia
Mongolia
Philippines
Thailand
Viet Nam

39 RCA NRM

Hideki NAMBA
FNCA Advisor of Japan

April 5, 2017

About FNCA

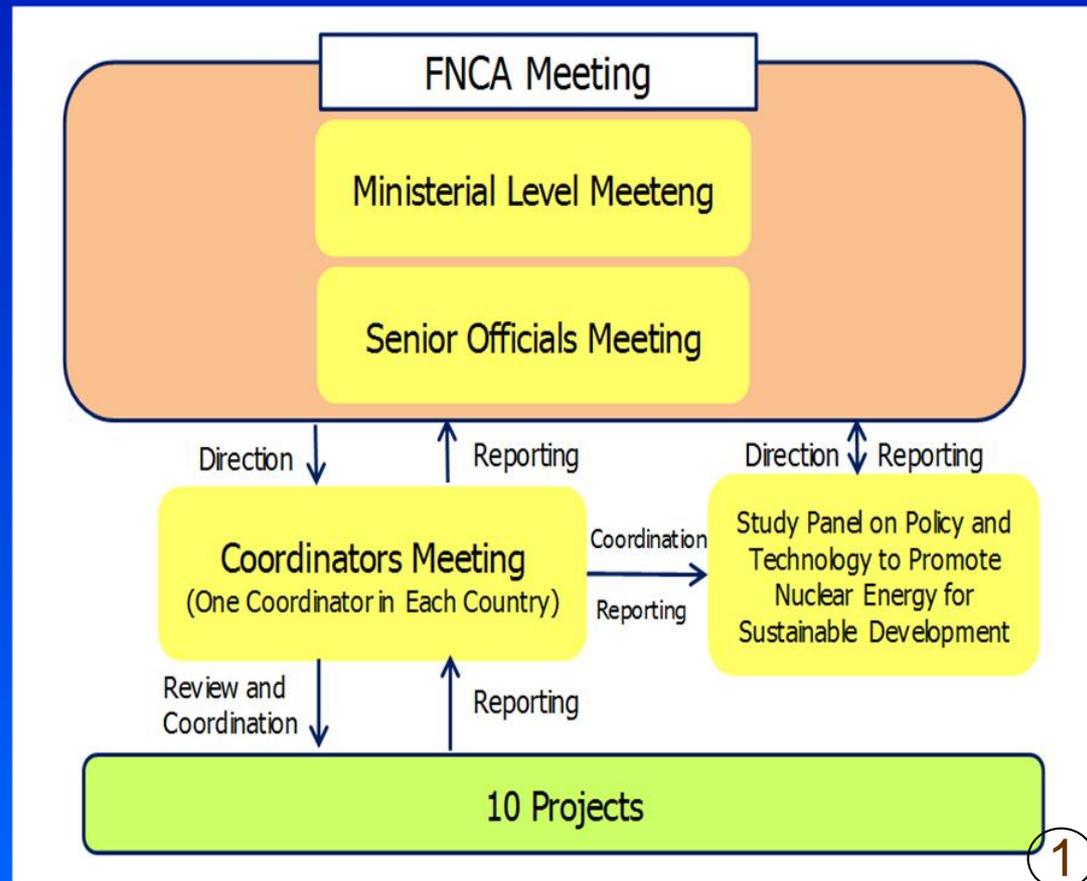
【Outline】

FNCA (Forum for Nuclear Cooperation in Asia) is a framework for international cooperation in Asian countries toward the peaceful use of nuclear technology established in 2000.

12 countries promote cooperative activities based on equal partnership.

【Member Countries】

Australia, Bangladesh, China, Indonesia, Japan, Kazakhstan, Korea, Malaysia, Mongolia, the Philippines, Thailand and Vietnam



17th FNCA Ministerial Level Meeting

[Major Agenda]

30 November 2016, Tokyo Japan

- ◆ Keynote speech
by Mr. Magwood, Director General of OECD/NEA
- ◆ Country Report
from all countries about the energy policy including nuclear energy
and the researches on the use of radiation
- ◆ Round table discussion
 - “Stakeholder Involvement for Non-power Use”
 - “Stakeholder Involvement for Nuclear Wastes”
 - “Management Stakeholder Involvement for Power Generation”
- ◆ Adaption of Joint Communiques



18th FNCA Coordinators Meeting

7-8 Mar. 2017, Japan

[Major Agenda]

- ◆ Summary Report of the FNCA MLM in 2016
- ◆ Report of 10 Projects Activities in 2016
- ◆ IAEA/RCA Activities Reports and Cooperation with FNCA
- ◆ Follow-up on activities based on the Joint Communiques of the 17th MLM
- ◆ Review of 2 new Projects and 4 Continuation Projects



2017 Study Panel / International Workshop

1. Keynote speech

- “Importance of International Nuclear Liability Regimes”
Mr. Roland Dussart-Desart (NLC/NEA)

2. International nuclear liability regimes

- “Overview of the international nuclear liability regimes” Mrs. Ximena Vasquez-Maignan (OECD/NEA)
- “Development of implementing National Legislation for civil liability for nuclear damage” Mr. Steve McIntosh (ANSTO)

3. Nuclear liability insurance

- “Nuclear liability insurance” Mr. Sebastian Reitsma (Swiss Reinsurance Co., Ltd)

4. Japan’s nuclear compensation system and experience in Fukushima

- “Legal frameworks” Prof. Nomura
- “Scope of payments” Dr. Toyonaga
- “Procedure for handling claims” Prof. Yamamoto
- “Review of Japan’s nuclear compensation system” Prof. Takahashi

5. Recent development in FNCA member countries

- China, Malaysia, Bangladesh, Mongolia, the Philippines, Thailand, Vietnam, Indonesia, Kazakhstan, Australia

Theme: Nuclear Liability

8-9 March, 2017, Tokyo, Japan



FNCA on-going 10 Projects

- Radiation Utilization - Industrial & Environmental
 - (1) Mutation Breeding**
 - (2) Biofertilizer**
 - (3) Electron Accelerator Application**
- Radiation Utilization - Healthcare
 - (4) Radiation Oncology**
- Research Reactor Utilization
 - (5) Research Reactor Network (RRN)**
 - (6) Neutron Activation Analysis (NAA)**
- Nuclear Safety Strengthening
 - (7) Safety Management Systems for Nuclear Facilities**
 - (8) Radiation Safety and Radioactive Waste Management**
- Nuclear Infrastructure Strengthening
 - (9) Human Resources Development**
 - (10) Nuclear Security and Safeguards**

Mutation Breeding Project



WS in Japan, December 12-15, 2016

Biofertilizer Project

Electron Accelerator Application Project



Joint WS in Vietnam, November 7-11, 2016

Research Reactor Network Project

Neutron Activation Analysis Project



Joint WS in Australia, December 7-9, 2016

Radiation Oncology Project



WS in Indonesia, November 8-11, 2016

Safety Management Systems for Nuclear Facilities Project



WS in Kazakhstan, October 4-6, 2016

Radiation Safety and Radioactive Wastes Management Project



WS in Thailand, October 24-28, 2016

Human Resources Development Project



WS in Malaysia, August 1-3, 2016

Nuclear Security and Safeguards Project



WS in Indonesia, October 4-6, 2016

FNCA Projects in 2017

- Radiation Utilization - Industrial & Environmental
 - (1) Mutation Breeding (-2017)**
 - (2) Biofertilizer (-2017)**
 - (3) Electron Accelerator Application (-2017)**
- Radiation Utilization - Healthcare
 - (4) Radiation Oncology (2017-2019)**
- Research Reactor Utilization
 - (5) Research Reactor Utilization (2017-2019)**
 - 2 Projects (Nuclear Reactor Network & Neutron Activation Analysis) are combined**
- Nuclear Safety Strengthening
 - (6) Radiation Safety and Radioactive Waste Management (2017-2019)**
- Nuclear Infrastructure Strengthening
 - (7) Nuclear Security and Safeguards (2017-2019)**
- New Project
 - (8) Research on Climate Change using Nuclear and Isotopic Techniques (2017-2019)**