



PMU-B: Global Partnership Scheme

Under the 16th Program: The Reformation of Higher Education, Science, Research, and Innovation

Program Management Unit for Human Resources & Institutional Development, Research, and Innovation (PMU-B), Office of National Higher Education Science Research and Innovation Policy Council (NXPO)

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PMU-B: Global Partnership Scheme

- The PMU-B Global Partnership Scheme provides strategic investment for researchers in **Thailand to build significant global collaboration.**
- The scheme aims to achieve capacity building through **knowledge exchanges and sharing with global partners.**
- The covered research areas span across **the full range of sciences & technologies**, social sciences, humanities and arts, **requiring both disciplinary depth and collaboration within and across disciplines.**



PMU-B: Program 16

- The PMU-B Global Partnership Scheme is divided into 3 levels which targeted at a wide variety of researchers at different stages in their careers as follows:
 - Partnership Initiative Fund
 - Building new international partnerships especially young researchers
 - Network Strengthening Fund
 - Strengthening existing international research networks
 - Organization Bridging Fund
 - Forming organizational collaborations between Thai and international institutes



PMU-B: Network Strengthening Fund

- **General Funding Rules**

- **Project Duration:** maximum 3 years
- **Maximum Award:** 9 million baht (0.288 million USD) per project
- **Deadline:** Feb 18, 2021
- **Result Notice:** Jun 2021



PMU-B: Network Strengthening Fund

- **Expected Outcome**

- Have research that adopts multi/inter-disciplinary approaches
- Expand research networks to other disciplines
- Extend the collaboration beyond the end of the award by jointly developing a new quality proposal to tap bigger scale research funding



PMU-B: Network Strengthening Fund

- **Expected Output**

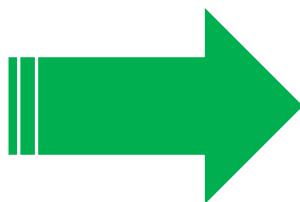
- **Disseminating research results** through a variety of methods
- Joint publication in the **Q1 journals**
- Joint develop **a new proposal to tap larger scale research funding**
- **Outline plan and activities** to ensure sustainable collaboration **in the long term**



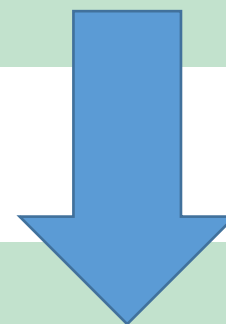
PMU-B: ASEAN NPSR

ASEAN NPSR

ASEAN Network on Nuclear Power Safety Research



Ministry of Higher Education, Science, Research and Innovation (MHESI), Thailand



The Program Management Unit for Human Resources & Institutional Development, Research, and Innovation (PMU-B)



Thailand Institute of Nuclear Technology
(Public Organization)

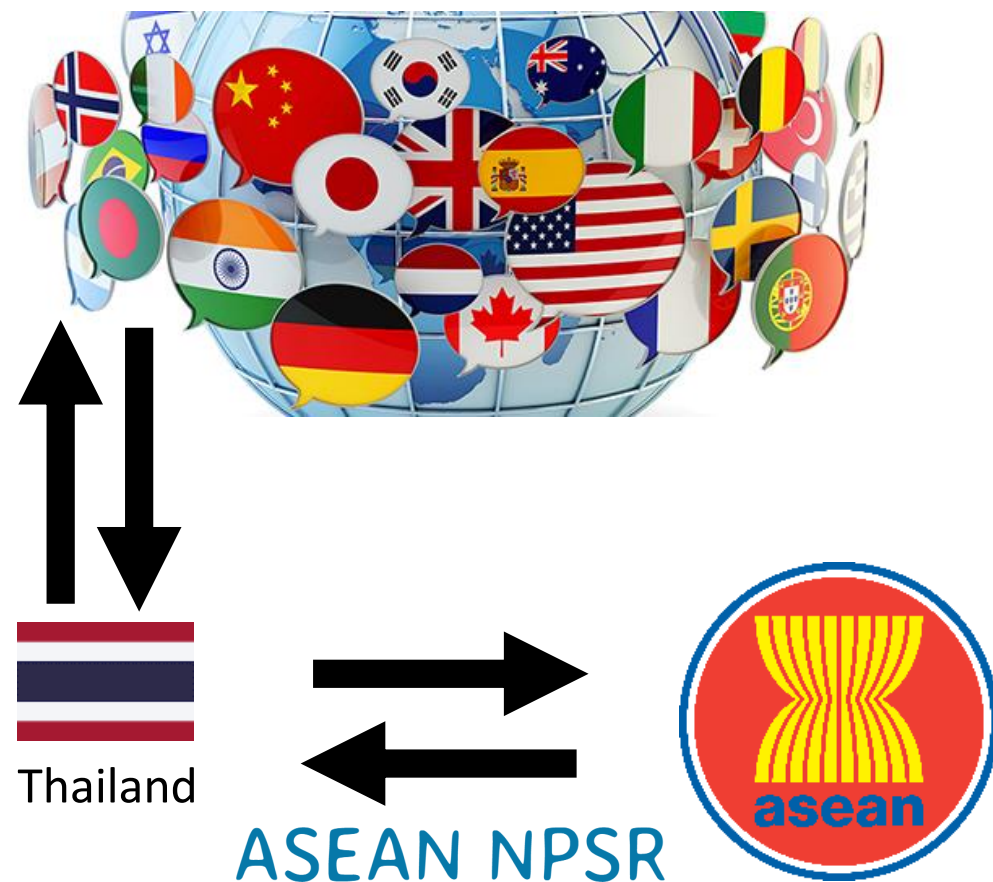
PMU-B: ASEAN NPSR

Project Proposal

- Enhancement of Collaborative Network and Development of Holistic Knowledge of Nuclear Energy Research in ASEAN Region

Ultimate Goal

- To enlarge sustainability, diversity and expertise of nuclear energy research framework within ASEAN region through ASEAN NPSR collaboration.



PMU-B: ASEAN NPSR

Objective

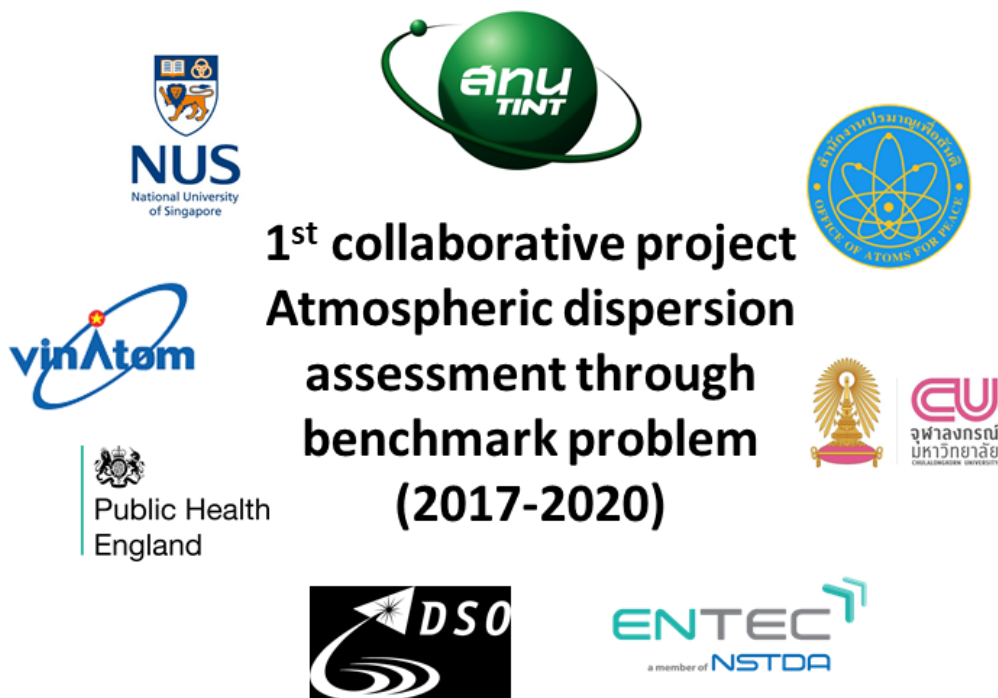
- To reinforce ASEAN NPSR as the diverse and strong nuclear energy research network
- To reinforce the enlargement of ASEAN NPSR through collaborative learning and research within ASEAN region and with nuclear affiliation outside ASEAN region
- To reinforce the development and application of nuclear energy research knowledge from multi/inter-disciplines in order to lead to sustainably safe use of nuclear energy in ASEAN region
- To reinforce human resource development in nuclear energy research
- To reinforce public acceptance on the use of nuclear energy in ASEAN region



PMU-B: ASEAN NPSR

Framework

ASEAN NPSR



Start **new collaborative research projects** and publications



Increase **new collaborative partners** both ASEAN MSs and non-ASEAN MSs

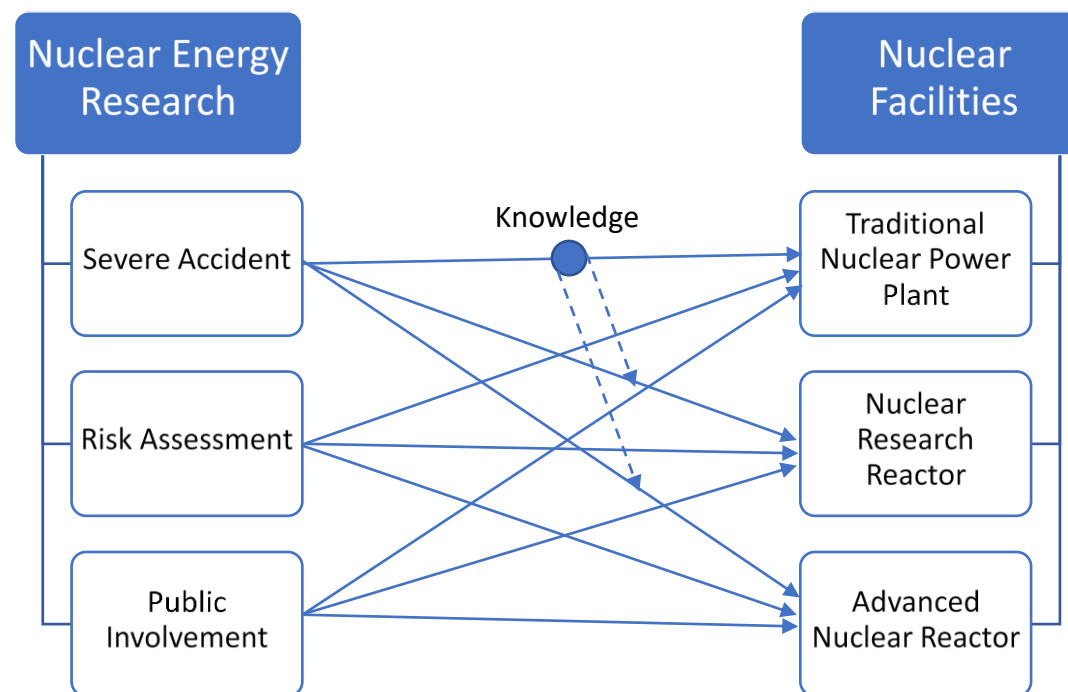


PMU-B: ASEAN NPSR

Expected new collaborative research fields

- Any nuclear energy research that **ASEAN MSs interest** related to
 - Traditional Nuclear Power Plant
 - Nuclear Research Reactor
 - Advanced Nuclear Reactor/SMR

Example



PMU-B: ASEAN NPSR

The ASEAN NPSR consists of **7 Member States (MSs)** including

- Lao
- Malaysia
- Myanmar
- Philippines
- Singapore
- Thailand
- Vietnam

Expected new collaborative partners

New ASEAN MSs

- Indonesia
- Cambodia
- Brunei

New Non-ASEAN MSs

- Japan
- China
- US
- EU



PMU-B: ASEAN NPSR

Key Activities

- To organize the Annual Meeting of ASEAN NPSR including the supports of ASEAN MSs (transportation/accommodation)
- To invite experts and organize the workshops and research training on collaborative research or topic that ASEAN MSs are interested.
- To exchange researchers on collaborative research under ASEAN NPSR with ASEAN MSs and non-ASEAN MSs



**Thailand Institute of Nuclear Technology
(Public Organization)**

Q&A

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