

Introduction to ASEAN Network on Nuclear Power Safety Research **ASEAN NPSR**

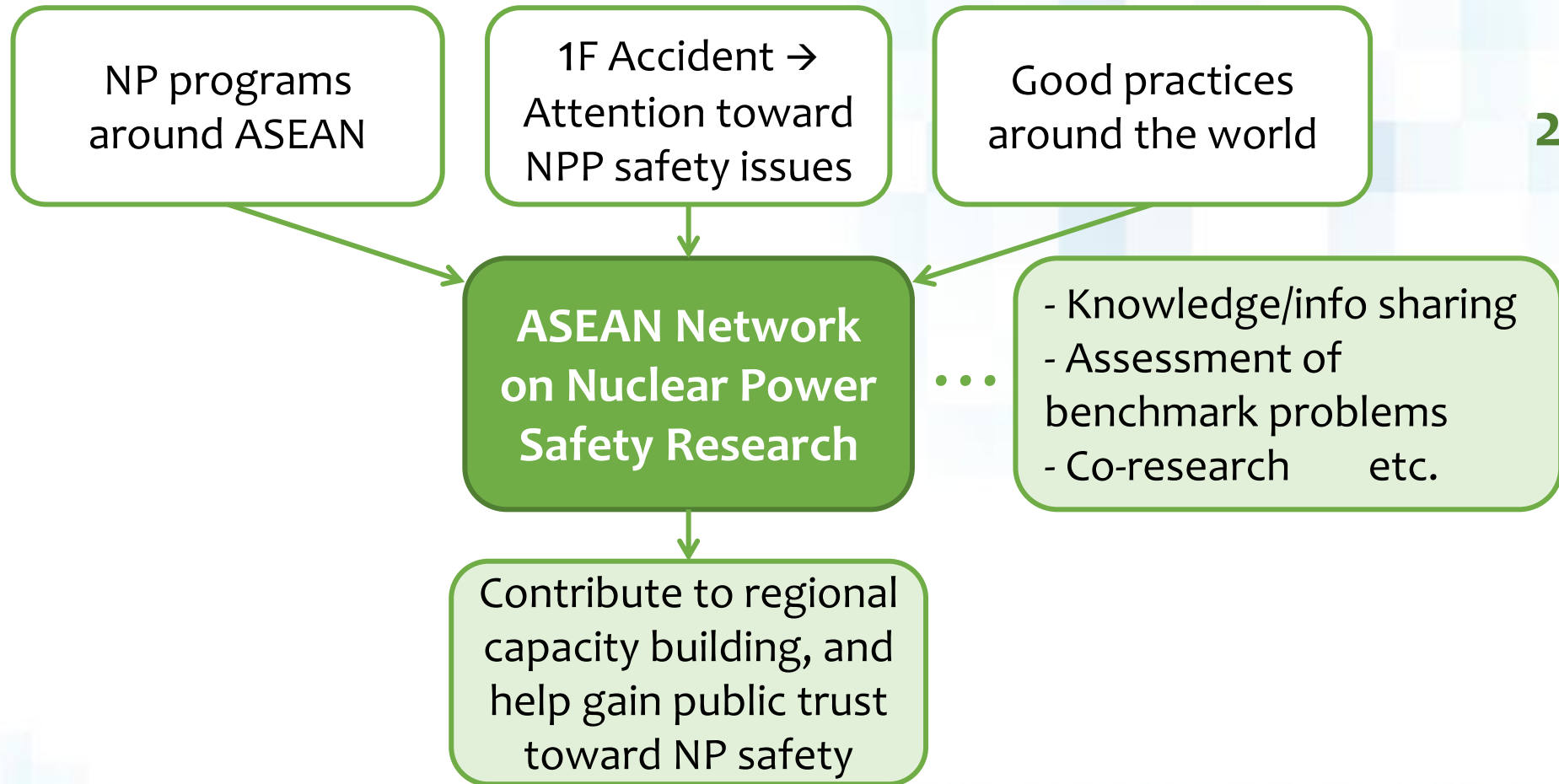


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ASEAN NPSR

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ASEAN NPSR at a glance



Nuclear Power Programs around ASEAN



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Fukushima Daiichi NPS Accident



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Public anxiety
Public distrust

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Learning from Good Practices...

SARNET, ASEANTOM, etc. show that a research network can help:

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- Improve the knowledge in the field
- Harmonize the approach toward the research in the field
- Preserve research data
- Create a platform for **research resources and knowledge sharing**
- Support the **R&D capacity building** of members

ASEAN NPSR: Goal

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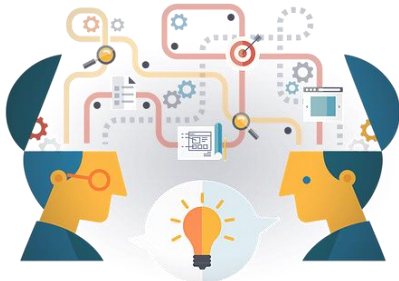
“To establish the research network for researchers in the field of nuclear power safety in order to contribute to **regional capacity building**, and help gain **public trust** toward nuclear power safety in all ASEAN countries”



ASEAN NPSR: Specific Objectives

ASEAN NPSR shall facilitate:

*Assessment of
benchmark problems*



*Knowledge and
information sharing*



*Research
collaboration*

*R&D
capacity building*



for researchers/practitioners.

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Milestones of ASEAN Network for Nuclear Power Safety Research

2015

1st TINT-VINATOM
Joint Workshop on
Nuclear Power Safety
Research (Feb)

Introduction of the
idea to **ASEAN SCER**
(May)

2016

Inclusion of the network
establishment in **ASEAN SCER**
Action Plan 2016-2025 (March)

1st **ASEAN Workshop** on Nuclear
Power Safety Research (May)
Participants from 7 countries agreed in
principle on the network establishment

Start of **benchmark problem**
assessment by Thailand and
Vietnam (Sep)

Support of the network
establishment by **SCER** (Oct)

2017

2nd **ASEAN Workshop** on
Nuclear Power Safety Research
and **Kick-off Meeting** for ASEAN
Network on Nuclear Power
Safety Research (Mar)

Formal network establishment
(@ASEAN Next 2017)
Thailand is the 1st lead country

Endorsement by **ASEAN SCER**
and approval by **ASEAN COST**
(Oct)

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ASEAN NPSR: Joint Communique

March 9, 2017

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Joint Communique on the Establishment of ASEAN Network on Nuclear Power Safety Research

We, the Heads of delegation of countries participating in Kick-off Meeting for ASEAN Network on Nuclear Power Safety Research at Dusit Thani Hotel, Bangkok, Thailand, on March 9, 2017 - the Lao People's Democratic Republic, Malaysia, the Republic of the Union of Myanmar, the Republic of the Philippines, the Republic of Singapore, the Kingdom of Thailand and the Socialist Republic of Vietnam,

Realizing the increasing attention from countries around the world, including ASEAN countries, toward nuclear power,

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ISSUES

FUNDING

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Who can help us?

EC

ASEAN

IAEA

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Big Picture

What's the ultimate goal of the activities?

Point to be considered

How may the benchmark problem contribute to safety?

Safety
Sustainability

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Technology

Safety
assessment

Benchmark problem
evaluation
(safety analysis)

Workshops
Training

Annual meeting

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If we are to submit a TC project...

- The objective of the project must be more specific and concrete
 - Goal/objectives in the joint communique are good by too broad
- We need to identify concrete structure of the TC project and define activities that fit in
- How to make use of/complement existing activities/mechanisms?
 - Benchmark problem evaluation
 - TC Project on EPR in ASEAN region & ASEANTOM

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The Project Concept must be submitted by April 30.