



ASEAN INDONESIA
2023 



Current and Planned Activities ASEANTOM

The 14th Annual Meeting of APSN

Bangkok, Thailand, 2 - 3 November 2023



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OUTLINE

1. Introduction of ASEANTOM
2. ASEANTOM Cooperation with partners
3. Current and Planned Activities of ASEANTOM
4. Conclusion.



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Introduction of ASEANTOM



1. Introduction of ASEANTOM

Institutional Mechanism

- ASEANTOM is a Sectoral Body under the APSC Council and related to the SEANWFZ Commission.
- ASEANTOM report to the ASEAN SOM.
- 5 Years Work Plan

Composition:

ASEANTOM comprises of nuclear regulatory bodies or their equivalent agencies of ASEAN Member States.

Note:

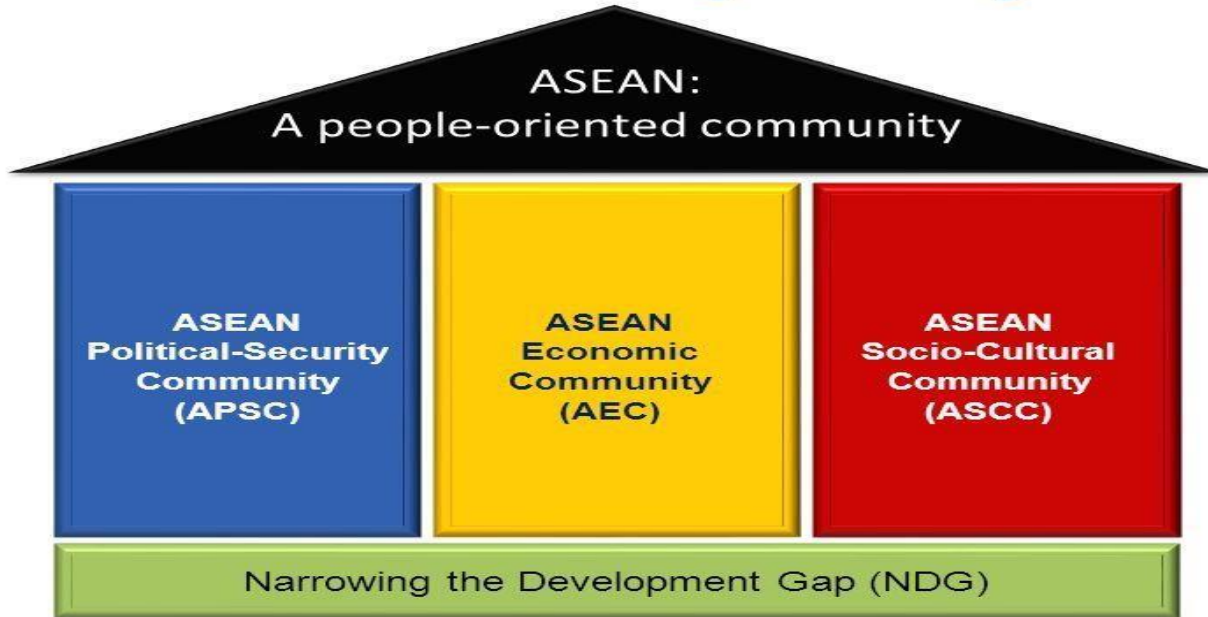
SEANWFZ - The Southeast Asian Nuclear- Weapon-Free Zone Treaty (SEANWFZ) or the Bangkok Treaty of 1995



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ASEAN Community Building





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Established: 2013

Objective:

- To enhance regulatory activities and further strengthen nuclear safety, security and safeguards within the ASEAN Community by enhancing cooperation and complementing the work of existing mechanism at the national, regional and international levels.



Scope of Work :

- Sharing of best practices and exchange of experiences
- Capacity building
- Assisting Member States
- Mutual exchange of information
- Forging regional cooperation



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Technical Working Groups :

Objectives:

- (i) strengthen cooperation among ASEAN member countries in matters of safety, security and nuclear emergency preparedness and response; and
- (ii) ensure that efforts to enhance ASEANTOM's capabilities are properly prioritized to achieve the desired and sustainable results in the long term

Consist of:

- TWG 1: radiological and nuclear security
- TWG 2: hazard modelling and radiological assessment
- TWG 3: radiation monitoring
- TWG 4: emergency preparedness and response



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ASEANTOM Cooperation with partners

- Existing:
 - International Organizations:
 - IAEA
 - Asian Nuclear Safety Network (ANSN)
 - Forum of Nuclear Cooperation in Asian (FNCA)
 - ASEAN Dialogue Partners:
 - European Commission - INSC
 - Republic of Korea (ROK)
 - US Department of Energy (US DOE)

- Type of activities:
 - Organization of meetings, workshop, and training to enhance personnel competency;
 - Assisting Member States in expert missions or scientific visits to increase capacity of the regulatory bodies;
 - Sharing/ exchange of information on nuclear regulatory activities

Tan Yoke Ping (...) **Aung Moe**

BAPETEN_Lilis S Setian... Kok Kiat Ang (Singapo... Tan Yoke Ping (Singapore) Aung Moe

Recording

Dahlia_Chair of ASEANTOM 2023

Unmute Start Video Participants Chat Share Screen Reactions Apps Whiteboards More Leave

Participants (15)

Find a participant

- BAPETEN_Lilis S Setianing... (Me) [Muted]
- ASEANTOM Secretariat (Host) [Muted]
- DO Dahlia_Chair of A... (Co-host) [Muted]
- CH Calvin Hoo (Singapore) [Muted]
- TY Tan Yoke Ping (Singapore) [Muted]
- AM Atom Malaysia [Muted]
- AM Aung Moe [Muted]
- KK Kok Kiat Ang (Singapore) [Muted]
- NC Ng Chee Boon (Singapore) [Muted]
- RN Ryan Ng (Singapore) [Muted]
- TK TH_Haruetai Kasiwattanawut [Muted]
- TB Thailand Benya [Muted]

Invite Unmute Me

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| Typ Typ | Aung Moe Aung Moe | Ryan Ng (Singa...) Ryan Ng (Singapore) | ASEANTOM Thailand-Thanchanok ASEANTOM Secretariat | Yaney Huang (S...) Yaney Huang (Singapore) |
| TH_Haruetai Ka... TH_Haruetai Kasiwattanawut | Tommynoi Tommynoi | Atom Malaysia Atom Malaysia | Calvin Hoo (Sin...) Calvin Hoo (Singapore) | Thailand Benya Thailand Benya |
| Kamarul Zaman... Kamarul Zaman Atom Malaysia | Lao PDR Phonesavanh Lathdavong Lao PDR Phonesavanh Lathdavong | Ng Chee Boon (...) Ng Chee Boon (Singapore) | | |

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| Dahlia C. Sinaga (Chair ASEANTOM 2023) | Kok Kiat Ang (Singapore) |
| MY-RIDHA ROSLAN | Indah_@BHKK |
| Thailand Benya | PH_Jeana Lee |
| MM-Theingi Maung Maung | SHENA |

2nd CONTACT SEA regional peer-to-peer workshop on countering RN trafficking, 17-19 May 2023

- UNICRI (United Nations Interregional Crime and Justice Research Institute) has established a collaboration with three ASEAN MS (Lao PDR, Cambodia, and The Philippines) for a project in countering radiological and nuclear (RN) trafficking through intelligence-led operations: overview of security-related regional threats in Southeast Asia
- ASEANTOM Chair has been invited to share its activities related to radiological nuclear security (represented by Dr. Lilis Susanti Setianingsih)
- UNICRI can be identified as a prospectus agency to create future collaboration with the ASEANTOM





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Current and Planned Activities of ASEANTOM



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Activity

Timeline

ASEANTOM-IAEA Regional Project RAS/9/094: Enhancing Nuclear Emergency Preparedness and Response in the Member States of the Association of the Southeast Asian Nations. Duration 4 Years (2022-2025)

| | |
|--|------|
| Develop national communication strategies, SOP, and exchange of best practices | 2023 |
| Train senior-level staff of response organizations and regulatory staff participants on how to coordinate response to transport emergencies and other types of emergency in a train-the-trainer approach | 2023 |
| Train senior-level response staff, operating organizations, and regulatory staff participants how to assess termination conditions and follow up actions for implementation in accordance with IAEA safety standards in train-the-trainer approach | 2024 |
| Develop criteria for termination of a nuclear or radiological emergency including practical exercises for common emergency scenarios | 2025 |



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Activity

Timeline

ASEAN-EU REGIONAL PROJECT INSC/2020/409-282 ON ENHANCING EMERGENCY PREPAREDNESS AND RESPONSE IN ASEAN: ESTABLISHING A REGIONAL EARLY WARNING RADIATION MONITORING NETWORK (EWRMN) AND RADIATION DATA EXCHANGE PLATFORM (ASEAN-RDEP) IN ASEAN (MC 3.01/19)

EU Results-Oriented Monitoring (ROM) mission

2023

The final ROM report was shared with ASEANTOM,

2023

The project dissemination meeting 2023.

2023

Establish a regional early warning radiation monitoring network (EWRMN) in ASEAN

2024

Establish an ASEAN Radiation Data Exchange Platform (ASEAN-RDEP) for the exchange of radiation monitoring data

2024



Activity

Timeline

ASEANTOM-U.S DOE/NNSA EXERCISE DEVELOPMENT TRAINING SERIES (EDTS) (2019 – 2024)

Exercise on Attempted Theft of a Radiological Source in Transit, Indonesia

2024

Exercise led by Vietnam's (with involvement from Cambodia) Customs, Vietnam Agency for Radiation and Nuclear Safety (VARANS), Ministry of Mines and Energy, public security services, and other relevant stakeholders as identified by partner country on Material Out of Regulatory Control (MORC) smuggling incident

2024

Tabletop (may include smaller demonstration drill) Exercise in the Philippines on Multi-National Security Event, Material Stolen in One Country, trafficked to a Second Country, and Released in a Third Country

2024





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Activity

Timeline

ASEANTOM-IAEA REGIONAL PROJECT ON NUCLEAR SECURITY: STRENGTHENING REGULATORY CAPACITIES FOR LICENSING, INSPECTION, AND ENFORCEMENT FOR THE SECURITY OF RADIOACTIVE MATERIALS AND ASSOCIATED FACILITIES IN SOUTHEAST ASIA (2018 – 2021, extended to 2022)

Regional training course and project closing: Final Regional Workshop on Project

2023



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Conclusion



1. ASEANTOM, is regulatory body forum within the ASEAN Community, commits to enhance and further strengthen nuclear safety, security and safeguards by enhancing cooperation and complementing the work of existing mechanism at the national, regional and international levels.
2. Some activities on EPR and Security of Radioactive materials has already completed
3. A number activities has already planned in the period of 2023-2025
4. Cooperation with partners are ongoing process



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THANK YOU

