



The Current Situation and Challenges concerning the Advanced Research Equipment & Environment between ASEAN & Japan

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BRIEF HISTORY OF JAPAN-ASEAN RELATIONS



1973

ASEAN-Japan relations began with the establishment of the Forum on Synthetic Rubber

1977

1st ASEAN-Japan Summit and declaration of the Fukuda Doctrine

Key points from the doctrine:

- Never become a military power
- Build heart-to-heart relations with ASEAN countries
- Japan and ASEAN as equal partners

1997

1st ASEAN Plus Three (Japan, China, Republic of Korea (ROK) Summit

2003

ASEAN-Japan Commemorative Summit
Adoption of the 'Tokyo Declaration'

- 'Strategic Partnership' for regional peace, stability, and prosperity
- Cooperation for developing an East Asian Community based on universal values and rules

2004

Japan's accession to the Treaty of Amity and Cooperation in Southeast Asia

2005

First East Asia Summit

2008

Entry into force of the ASEAN-Japan Comprehensive Economic Partnership (AJCEP) Agreement

2011

Establishment of the Mission of Japan to ASEAN in Jakarta

2013

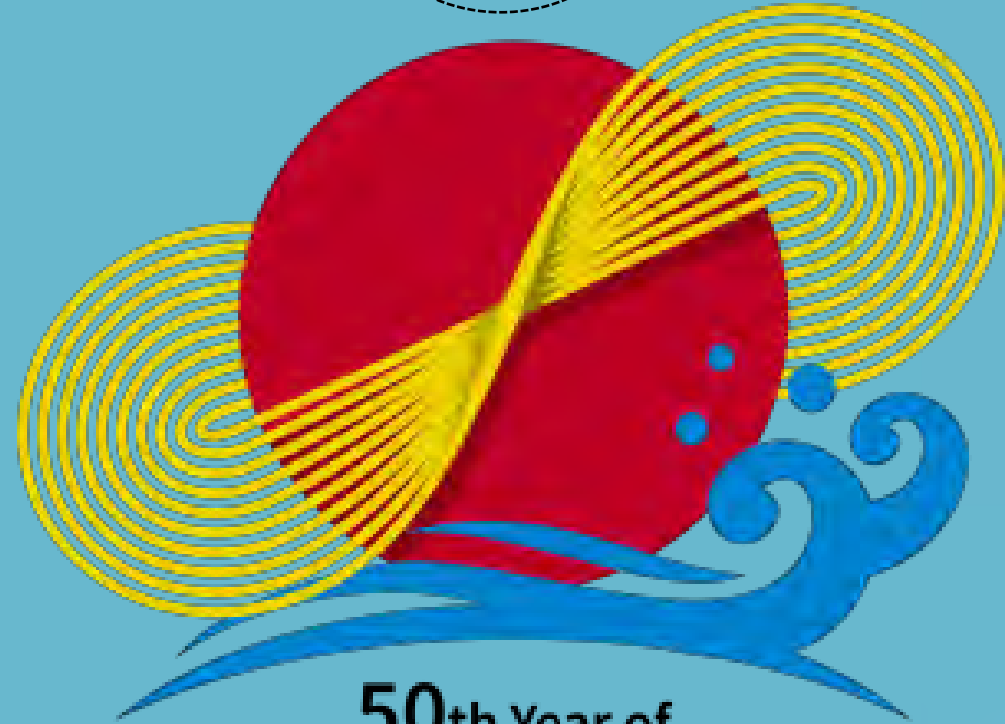
ASEAN-Japan Commemorative Summit
Adoption of the 'Vision Statement on ASEAN-Japan Friendship and Cooperation'

2018

ASEAN-Japan Relations celebrates its 45-year anniversary



2023



50th Year of
ASEAN-Japan
Friendship and Cooperation

Source: <https://theaseanpost.com/article/asean-japan-partnership-45-years>, https://www.mofa.go.jp/page23e_000631.html



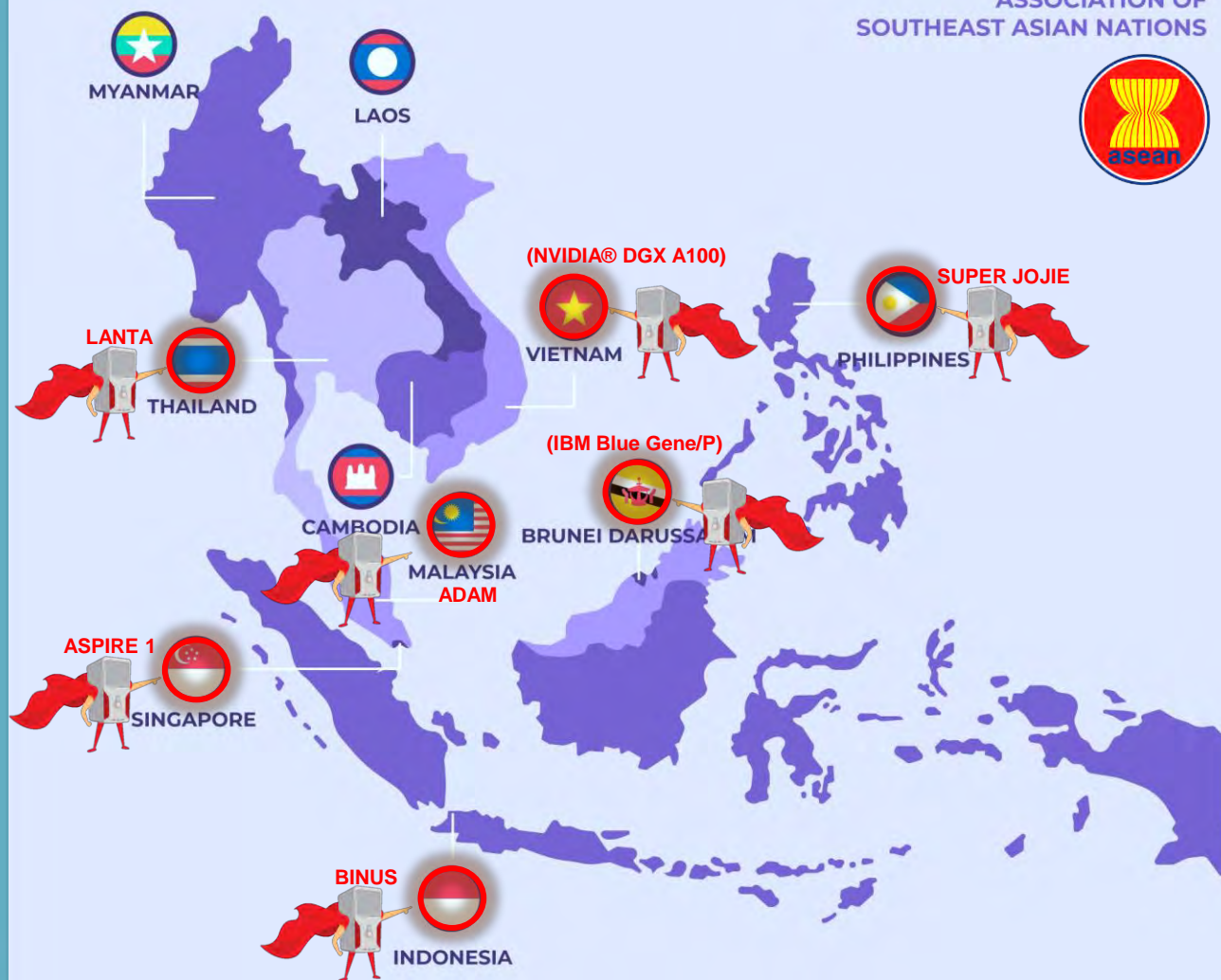
ASEAN STI GOVERNANCE

- ASEAN Ministerial Meeting on STI (AMMSTI)
- Committee on STI (COSTI)
- ASEAN Plan of Action on STI (APASTI) 2016-2025



HPC FACILITIES IN THE ASEAN

ASSOCIATION OF
SOUTHEAST ASIAN NATIONS

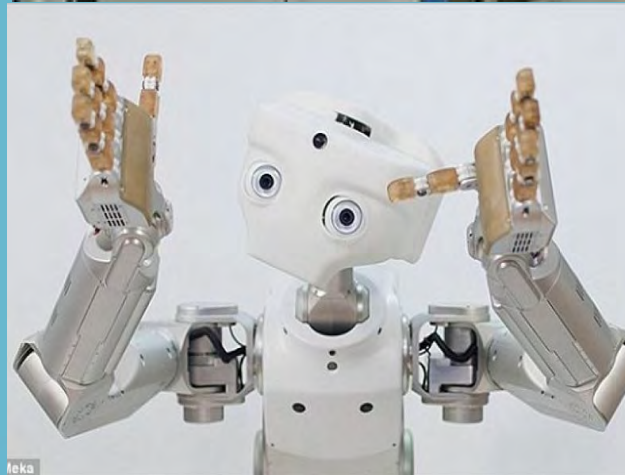


EXAMPLE 1: ASEAN HIGH-PERFORMANCE COMPUTING (HPC)

Challenges	<p>BARRIER TO ENTRY</p> <ul style="list-style-type: none"> High upfront cost Maintenance cost <p>TECHNICAL CAPABILITY</p> <ul style="list-style-type: none"> Prerequisite skills Divergence of technical capability
Opportunities	<p>BILAT/MULTILATERAL PARTNERSHIPS</p> <ul style="list-style-type: none"> Learning from Japan - RIKEN Center for Computational Science (R-CCS) ASEAN HPC Shared Facility <p>CAPACITY DEVELOPMENT</p> <ul style="list-style-type: none"> Annual ASEAN HPC School Fugaku Trial (supported by Japan)

EXAMPLE 2: ASEAN REGIONAL RESEARCH INFRASTRUCTURE (RRI)

Challenges	<p>ACCESS TO ADVANCED RESEARCH EQUIPMENT</p> <ul style="list-style-type: none"> ▪ High cost ▪ Maintenance cost ▪ Equipment not utilised to its fullest potential
Opportunities	<p>BILAT/MULTILATERAL PARTNERSHIPS</p> <ul style="list-style-type: none"> ▪ Sharing of equipment - RRI ▪ Cross-subsidization model <p>R&D</p> <ul style="list-style-type: none"> ▪ Impactful joint R&D with mutual benefits ▪ Advanced researchers' network



Source: nuklearmalaysia



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