



## **Collaboration with the Universities in ASEAN**

**Assoc. Prof. Dr. Mohd Ariffin b. Abu Hassan**  
**Universiti Teknologi Malaysia**  
**18 February 2022**



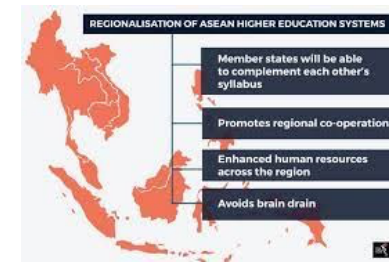


ASEAN places a huge emphasis on the importance of education in creating a strong regional identity. The ASEAN 5-Year Work Plan on Education (2011 to 2015) had four strategic priorities which included a focus on relevant and effective education for all citizens, cross-border mobility and internationalization of education.

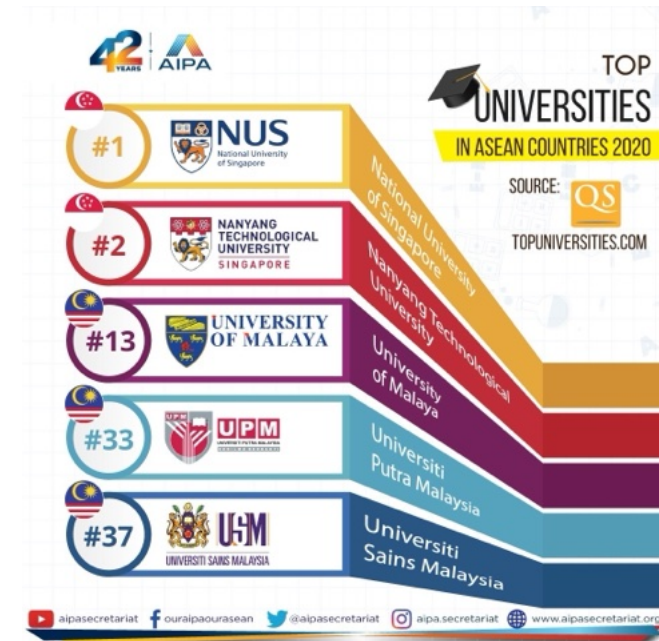
The subsequent Work Plan (2016 to 2020) had eight sub-goals,

- spanning the promotion of ASEAN awareness,
- quality and access to basic education for all,
- the use of ICT,
- development of the Technical and Vocational Education and Training (TVET) sector,
- Education for Sustainable Development (ESD),
- robust quality assurance mechanisms,
- University-Industry Partnership, and
- capacity-building programs for teachers, academics and other key stakeholders in the education community.

The Master Plan on ASEAN Connectivity (MPAC) 2025 which focuses on physical, institutional and people-to people linkages also contains an explicit strategic objective to ‘increase the number of intra-ASEAN international students’



- With very diverse historical experiences and in different stages of development in region, ASEAN countries' higher education reflects the different levels of economic development between the member states.
- Cambodia, Laos, Myanmar and Vietnam (or CLMV countries) have higher education systems that are currently focused primarily on national policy reform and system expansion, increasing enrolment and infrastructure development.
- The middle-income nations (Malaysia, Thailand, Indonesia and Philippines) have higher education systems that emphasise quality improvement although we can say that Malaysia has moved to the next level in a number of ways.
- The high-income countries (Singapore and Brunei), especially Singapore, are more globally-oriented. Singapore's well-developed higher education system receives high international recognition as can be seen in its position in international rankings and Brunei has a number of global partnerships.
- ASEAN aims to promote greater educational cooperation among its member states in order to strengthen education in the region to narrow the development gap that exists, to prepare youth for regional leadership and to increase its competitiveness.






# STRATEGIC PARTNERSHIP IN ACADEMIC, RESEARCH & INNOVATION

innovative • entrepreneurial • global



## MODEL 1



**Bi-lateral agreements  
focusing on academic &  
research cooperation**

*Faculty/institutional level  
cooperation & academic  
exchange*


## MODEL 2



**Global research/  
academic network of  
universities on niche focus  
areas**

*Support, strengthen and  
facilitate individual institutions  
in research; build “primary  
partnerships” in selected  
regions with a focus in specific  
disciplines*

## MODEL 3



**Strategic international  
collaboration with reputable  
universities**

*To expand reach globally  
through reputable partner  
institution’s network of  
collaboration and expertise*

*To leverage on partner’s global  
ranking/position*

# Model 1: 300 Academic & Research Global Partnerships (UTM)



# Model 2: Global Alliances in Niche Area (Multi-lateral Partnership)



**ASEAN Business School Connections**

**STEM** 대한언어학회 전자저널



# Model 3: Strategic collaboration with Top Global Universities\*

 <b>Massachusetts Institute of Technology</b>	<b>#1</b>	 <b>KAIST</b> Korea Advanced Institute of Science and Technology 한국과학기술원	<b>#39</b>
 <b>UNIVERSITY OF OXFORD</b>	<b>#5</b>	 香港城市大學 City University of Hong Kong	<b>#48</b>
 <b>UNIVERSITY OF CAMBRIDGE</b>	<b>#7</b>	 <b>大阪大学</b> OSAKA UNIVERSITY	<b>#72</b>
<b>Imperial College London</b>	<b>#8</b>	 國立臺灣大學 National Taiwan University	<b>#66</b>
 <b>NANYANG TECHNOLOGICAL UNIVERSITY</b>	<b>#13</b>	 <b>東北大学</b> TOHOKU UNIVERSITY	<b>#79</b>
 清華大學 Tsinghua University	<b>#15</b>	 <b>UNIVERSITY OF BIRMINGHAM</b>	<b>#87</b>
 <b>東京大学</b> THE UNIVERSITY OF TOKYO	<b>#24</b>	 <b>UNIVERSITY OF Southampton</b>	<b>#90</b>
 서울대학교 SEOUL NATIONAL UNIVERSITY	<b>#37</b>	 <b>UNIVERSITY OF LEEDS</b>	<b>#91</b>
 京都大学 KYOTO UNIVERSITY	<b>#38</b>	 <b>PURDUE UNIVERSITY</b>	<b>#109</b>

\*QS-WUR 2021  
updated June 2020  
innovative • entrepreneurial • global



# Model 3: Impactful Strategic Global Collaboration



- **MIT-UTM** Malaysia Sustainable Cities Program (MSCP)  
MSCP research examines Malaysia's city planning and development that reflect a commitment to the principles of sustainability



- UTM Centre for Low Carbon Transport Research in Cooperation with Imperial College London
- Research & Development in Sustainable transportation & energy



- Development of methodology for Low Carbon Society (LCS) scenarios in city and local context
- Other partners: JICA, Kyoto University (KU), Okayama University (OU), National Institute for Environmental Studies (NIES)



- UTM Centre for Industrial and Applied Mathematics
- Collaboration in Industrial and Applied Mathematics
- UTM satellite office in University of Oxford



- University of Bologna is the oldest university in the western world



# UTM International Bilateral Partners (Active as of June 2021)



UTM has partners

UTM does not have partners

**4** **NORTH AMERICA**

- Mexico
- United States

**1** **SOUTH AMERICA**

- Argentina

**64** **EUROPE**

- Austria
- Belgium
- Cyprus
- Czech Republic
- Denmark
- France
- Germany
- Greece
- Ireland
- Italy
- Poland
- Russia
- Spain
- Switzerland
- Sweden
- The Netherlands
- Turkey
- United Kingdom

**190** **ASIA**

- Afghanistan
- Bangladesh
- Brunei
- Cambodia
- China
- India
- Indonesia
- Hong Kong
- Japan
- South Korea
- Maldives
- Pakistan
- Philippines
- Singapore
- Sri Lanka
- Taiwan
- Thailand
- Uzbekistan
- Vietnam

**12** **MIDDLE EAST**

- Iran
- Iraq
- Oman
- Palestine
- Saudi Arabia
- Qatar

**4** **OCEANIA & NEW ZEALAND**

- Australia
- New Zealand

**15** **AFRICA**

- Algeria
- Egypt
- Morocco
- Kenya
- Ghana
- Gambia
- Nigeria
- Sudan

**MALAYSIA**

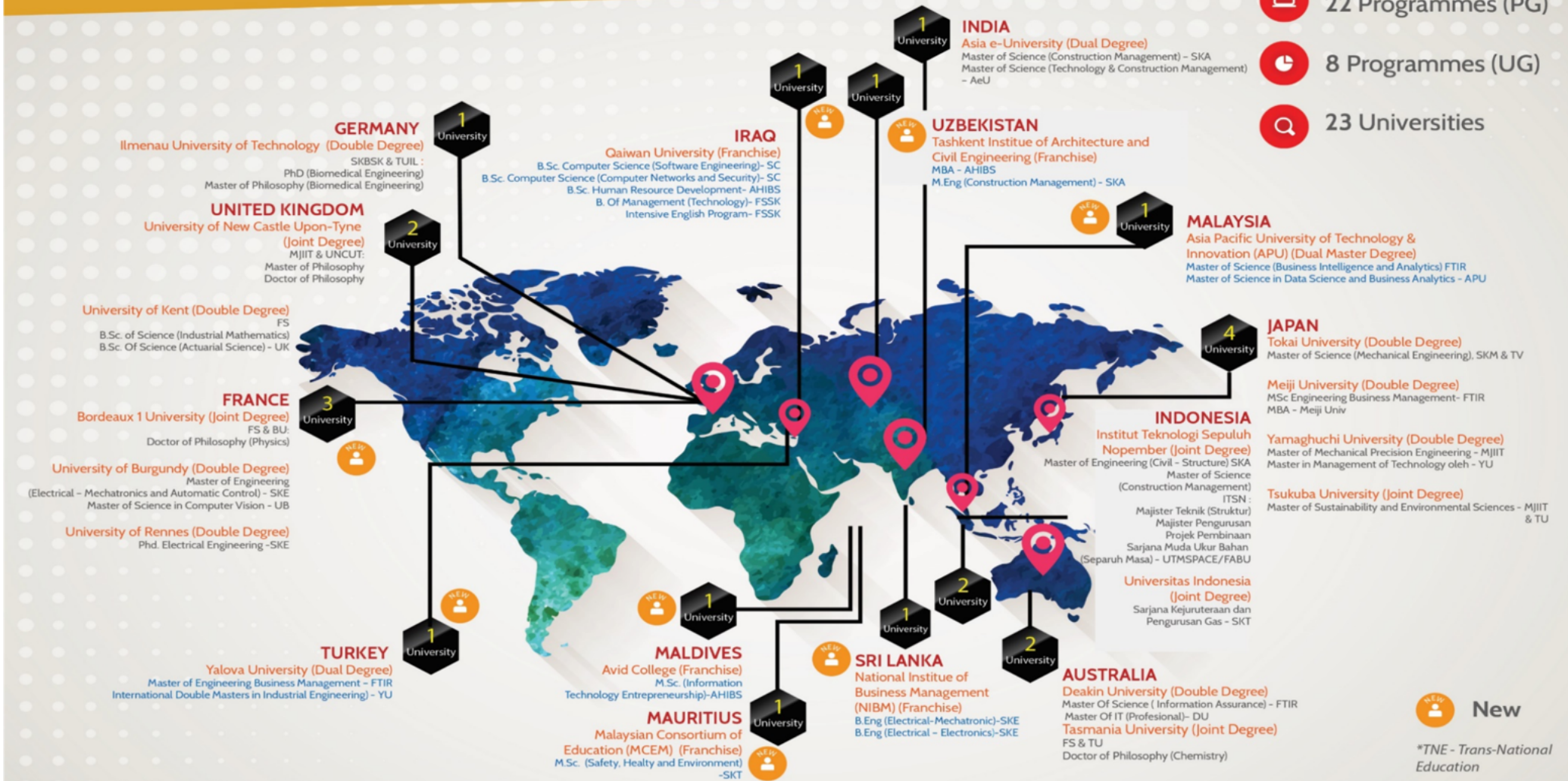
**Current Active Partners**

**57 Countries**

**291 Partner Institutions**

## UTM TNE Partnerships 2018

-  14 Countries
-  22 Programmes (PG)
-  8 Programmes (UG)
-  23 Universities

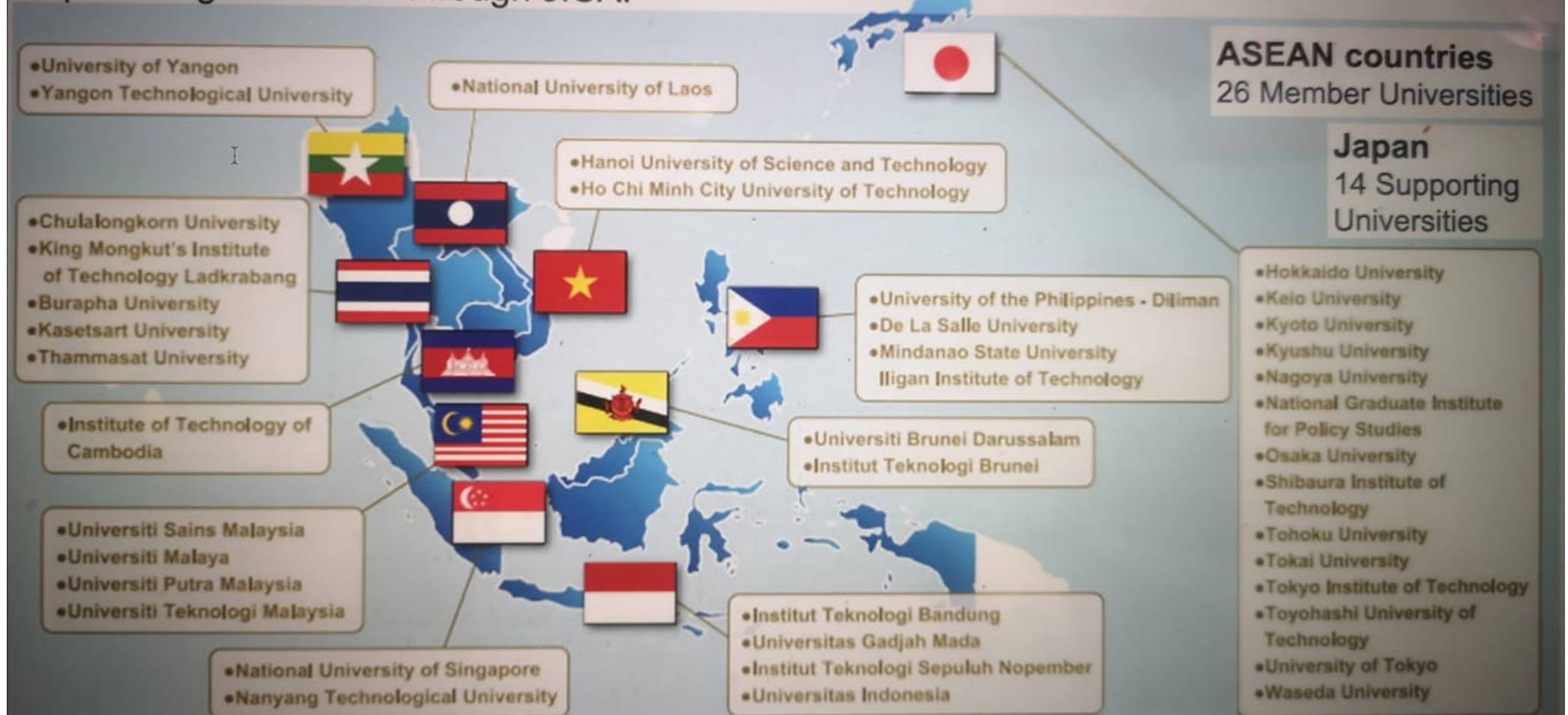


 **New**

\*TNE - Trans-National Education



**AUN/SEED-Net** was established in 2001 as a sub program of AUN. It consists of universities as shown below and aims to establish a region-wide system for advanced research and education by these universities in ASEAN and Japan. The project is mainly supported by the Japanese government through JICA.



## Major activities



### Scholarship for targeting academic staff

- **Master's** Degree in ASEAN
- **PhD Sandwich** in ASEAN with short term research in Japan
- **Integrated** (Master's + PhD) in ASEAN with short term research in Japan
- **PhD in Singapore**
- **PhD in Japan**



### Research Grant

- Collaborative Research Program for **Alumni Members**
- Collaborative Research Program for **Common Regional Issues**
- Collaborative Research Program **with Industry**



### Mobility and Networking

- Short-term **Research Program in Japan**
- Short-term Visit Program **in ASEAN**
- **Regional Academic Conference**
- **ASEAN Engineering Journal**
- **Research Fellowship**



### University- Industry Collaboration

- **Directories** and **Seminars** to introduce member universities to industry
- **Training** on U-I Linkage and Management of Technology

- I'M Research Consortium (Indonesia-Malaysia Research Consortium) is the Indonesia-Malaysia network of research-intensive universities and institution, working together to foster institutional innovation through research-inspired teaching and learning, student mobility, connecting our students and staff, and wider advocacy for internationalisation.
- **Universiti Teknologi Malaysia (UTM)** and **Institut Teknologi Sepuluh Nopember (ITS)** are the institutional coordinators for Indonesia-Malaysia Research Consortium (I'MRC).
- **5 Clusters:** namely **Renewable Energy** (Coordinator: Prof. Adi Soeprijanto), **Humanities and Culture** (Coordinators: Prof. Suyono), **Biomedicine and Health** (Coordinator: Assoc. Prof. Teguh Haryo Sasongko and Prof. Agus Rubiyanto), **STEM kits** (Coordinator: Dr. Markus Diantoro), and **Disaster risk reduction and disaster risk management** (Coordinator: Dr. Amien Widodo).



<https://imresearchconsortium.ning.com/>

- Swiss–ASEAN Learning and Teaching (SALT) Association was established in Olten, Switzerland on 27 May 2016 in accordance with Article 60 ff. ZGB of the Swiss Code. SALT is a non-governmental and not-for-profit association, which aims to promote the sharing of researching, learning, and teaching knowledge among academics, researchers, and practitioners in Europe and ASEAN through strategic collaborations.
- SALT focuses on:
  1. Sustainable society development for global well-being;
  2. Institutional capacity building towards development-oriented learning and teaching;
  3. Promoting sharing of knowledge and experience in research, teaching and learning; and
  4. Strengthening the collaboration between Europe and ASEAN against cultural diversity.



<http://saltorg.info/>

- Purpose is to assist member institutions to strengthen themselves through mutual self-help and to achieve international distinction in teaching, research and public service.
- Provides regular opportunities for the discussion of academic development and general university development; assists member institutions in the recruitment and placement of faculty and staff, exchanges of professors and students and in the development of co-operative arrangements on specific projects; provides advisory services of consultants; strengthens the relationship with regional and international bodies and keeps member institutions informed about developments in the region; and recognizes and acknowledges distinctive achievements among Southeast Asian institutions of higher education.
- 41 HEIs from Indonesia are members
- <https://asaihl.stou.ac.th/>

# ASEAN Learning Network (ALN)

- Aims to attain practice-relevant academic excellence in a socially responsible way for participating institutions through **culture-based management and economic research, teaching and practice-training.**
- One of ALN program is SEED ( Social Enterprise for Economic development). SEED program is not only implemented in the region of Indonesia, but the idea of community development done by academic world under the title of the SEED program was also carried out in Malaysia and Vietnam
- The SEED program initially launched in Ciwidey, Bandung in Indonesia has now been a trademark program for ASEAN learning Network. Community development is a key ingredient for a country's nation development. Economic community and ASEAN socia-culture Community-need social cohesion among AESEAN people.
- SEED programs is a successful example of cross-cultural learning and community development in ASEAN this is also a successful example of 'people to people' exchange at ASEAN level.
- <https://aseanlearningnetwo5.wixsite.com/home?fbclid=IwAR0yTsWjhOCGpZvlktHSlu4PLG5zzo mR8TxuAaKmCfj4UkbwsCWvBxTYPDM>



# ASIA-PACIFIC UNIVERSITY-COMMUNITY ENGAGEMENT NETWORK (APUCEN)



- A regional network of academic institutions of higher learning concerned with promoting the culture of university-community engagement in a proactive, inclusive, holistic and participatory way.
- Motivated by the belief that institutions of higher learning and the community can collaborate to generate ideas on how to improve the quality of life of the society in the Asia Pacific region. Community engagement, from the viewpoint of APUCEN goes beyond outreach and extension or service.
- Believes that if universities are to achieve their mission to develop and apply knowledge with society in mind, then their core functions have to build not only on an academic base but also upon an intellectual civil base that can offer solutions to societal problems.
- Acknowledges that volunteerism is pivotal in the development of a broader strategy of university-community engagement.
- <https://apucen.usm.my>

# Global Technology Initiative (GTI) Consortium

- highlight international collaborations between universities and companies based in Southeast Asia, facilitate discussions on industrial on-site issues and social issues, including environmental concerns and disaster prevention measures arising from global project based learning (PBL) and international collaborative research studies.
- The Association shall encompass the following activities based on the self-motivation of its members:
  - i. Undertake global project based learning
  - ii. Promote international exchange programs involving faculty members and students
  - iii. Conduct global internships
  - iv. Instigate international research collaborations
  - v. Participate in inter-governmental projects
  - vi. Organize symposiums

Global Technology Initiative

**GTI Consortium**

<https://www.gti-consortium.jp>

## Objectives:

- i. To strengthen academic cooperation among Taiwan and Southeast and South Asian countries.
- ii. To foster internationalization through academic and cultural exchange and collaboration.
- iii. To promote the quality of education, research and community services.
- iv. To establish exchange programs for our universities' students, faculty and administrative staff.
- v. To foster partnerships between industry and academia.
- vi. To facilitate sustainability in economics, society and the environment.

## Promotion of Sustainability in Postgraduate Education and Research Network (ProSPER.Net)

- ProSPER.Net was founded in June 2008 within the framework of a broader international agenda that recognizes the importance of education and research to help build a more sustainable future. There are currently [52 members](#), spread throughout Asia-Pacific, that have strong education and research programmes dedicated to **sustainable development** and related fields. Together, they work towards a common cause: creating multi-disciplinary solutions – including education and research programmes – to respond to a wide range of sustainable development challenges.
- is an alliance of leading universities in the Asia-Pacific region that are committed to integrating sustainable development into postgraduate courses and curricula.
- developing a new generation of leaders who can best tackle global sustainability challenges in the face of rapid environmental degradation. By changing the way higher education institutions teach students about **sustainability**, ProSPER.Net improves the ways in which future professionals manage sustainability issues across a wide variety of disciplines.



### ProSPER.Net

Promotion of Sustainability in Postgraduate Education and Research



**ATU-Net**

Asia Technological University Network

**CREATING OUR NETWORK**

# Asia Technological University Network (ATU-Net)



**ATU-Net**

Asia Technological University Network  
<http://atunet.org>

## MISSION

To support member institutions in achieving world-class quality of education and research in engineering and technology through strategic international alliance

## OBJECTIVES

Capacity Building

Student & Staff  
Mobility

Best practices

Collaborative academic and research project

Established on 9th August 2016 during the 8<sup>th</sup> University Presidents Forum at UTM, Johor Bahru, Malaysia  
Universiti Teknologi Malaysia is Chair and Network Host

## FOUNDING MEMBERS



Access to a unique strategic international alliance of technological universities in Asia

## BENEFITS & PRIVILEGES



Access to an expanding network from 15 countries and more in Asia



Participate in multilateral partnership with 40 members and increasing



Keep updated with the latest trends, news and highlights through ATU-Net sharing sessions, i.e. University President Forum, Student Leader Forum, International Staff Week and many more



Share research findings through ATU-Net Special Interest Group (SIG) Research and Publication



Participate in student mobility programmes including online global classrooms, summer school programmes and many more



Earn special research grants for young researchers and matching grant programmes



The institutional membership fee is USD1000/year.  
Institutional membership are for the fiscal year beginning July 1 through June 30 of the following year.  
Valid for three years.



Participate in staff mobility and capacity building programmes



Access networking opportunities and visibility programmes

# Asia Technological University Network (ATU-Net)



2021

Webinar  
Measures on  
COVID-19

3 UPF  
Virtual UPF  
2020 Series

Self  
Student  
Leader  
Forum 2020

Board  
Meetings

44  
Universities  
15  
Countries

6 OGC  
Online  
Global  
Classrooms

RESEARCH  
Collaborative  
Research &  
Matching Grant

3 SIGs  
Special  
Interest  
Groups





# STUDENT MOBILITY – AIMS

# Intra-ASEAN Mobility

- The enormous challenge confronting higher education in ASEAN is how it can attract students from a more diverse range of countries.
- Within ASEAN itself, the different levels of development makes intra-ASEAN mobility even more challenging.
- With students, scholars, degrees and universities moving about the globe freely, there is a pressing need for international cooperation and agreements between ASEAN universities.
- Regionalisation and harmonization of ASEAN higher education systems are seen to be crucial for the creation of this common space and this facilitates mutual understanding and helps promote regional identity.
- An increased growth in intra-ASEAN collaboration among universities, international mobility within and beyond ASEAN, and knowledge exchanges with the EU to tackle global challenges, are some examples of the significant impact that are benefiting the ASEAN region tremendously.



- Realizing on the important of mobility programmes among students, the Southeast Asian Ministers of Education Organization (SEAMEO) Regional Centre for Higher Education and Development (RIHED) stated the initiative to conduct the mobility programmes among the ASEAN countries.
- Based on the 17th SEMEO RIHED Governing Board Meeting in Kuala Lumpur on August 2009, a pilot project has been initiated with the cooperation of 3 countries – Malaysia, Indonesia and Thailand (MIT) in 2010.
- This programmes objectives are to create a mobility programmes with the spirit of ASEAN. It was conducted successfully and in 2013, the name MIT was renamed as ASEAN International Mobility for Students Programmes (AIMS).
- As more countries joined the programme, ASEAN International Mobility for Students Programmes (AIMS) now becoming Asian International Mobility for Students Programmes (AIMS).
- 10 disciplines.





**Agriculture**



**Biodiversity**



**Economics**



**Engineering**



**Environmental  
Management and Science**



**Food Science and  
Technology**



**Hospitality and Tourism**



**International Business**

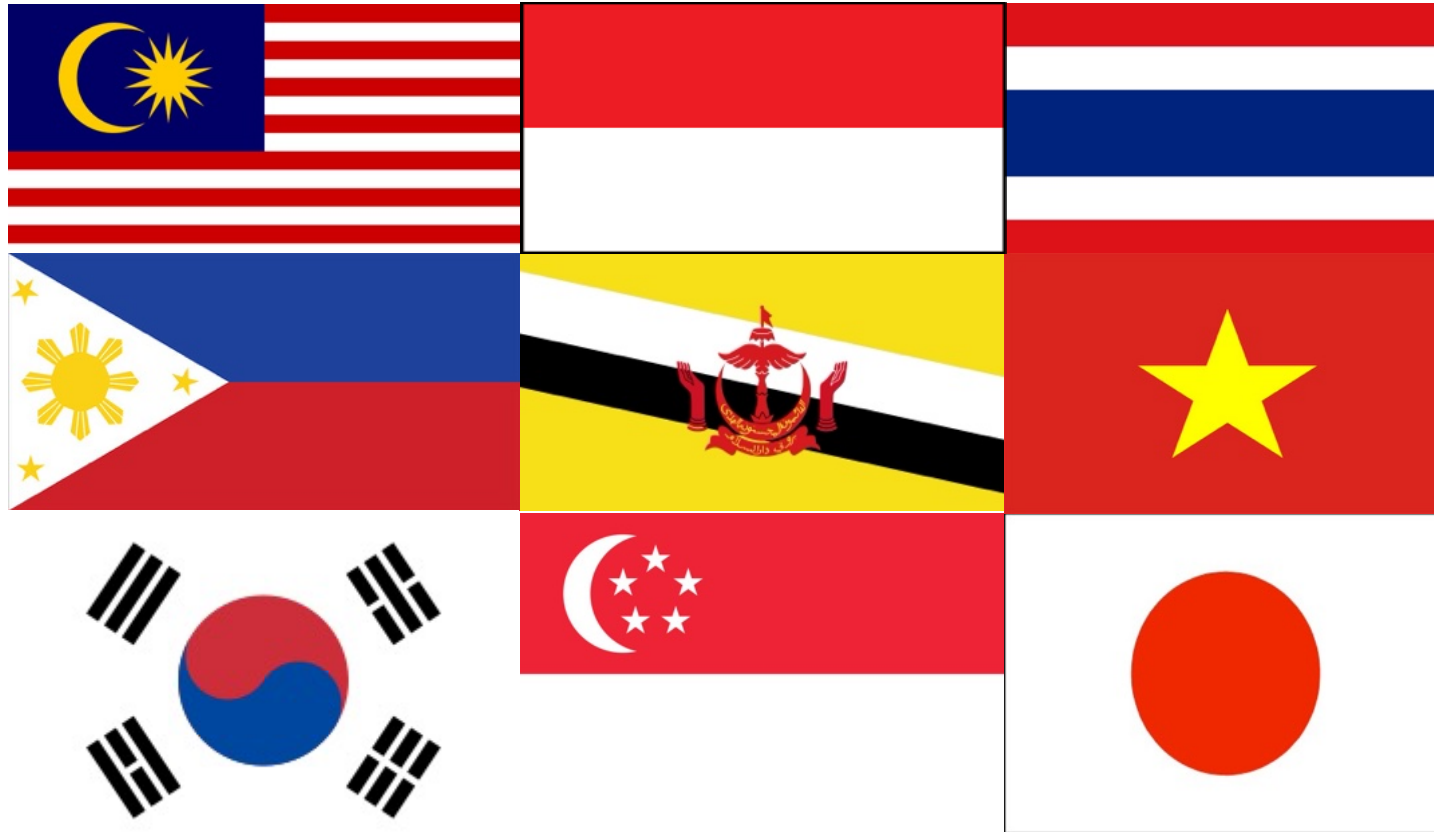


**Language and Culture**



**Marine Science**

78 participating universities across 9 Member Countries.



Country	Inbound	Outbound
Brunei Darussalam	60	29
Indonesia	1082	1023
Japan	965	1117
Malaysia	1027	1054
Philippines	279	177
Republic of Korea	250	277
Thailand	861	934
Vietnam	378	114
Total	4902	4725

AIMS Inbound and Outbound Students by Countries  
2010-2019.

# THANK YOU



[www.utm.my/international](http://www.utm.my/international)



[relations@utm.my](mailto:relations@utm.my)



UTM International



[utm\\_international](#)



**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA

In the name of God for Mankind

[www.utm.my](http://www.utm.my)

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