

35th Conference of the ASEAN Federation of Engineering Organisations (CAFEO 35)

The Bangkok Declaration

"Towards a Sufficiency Economy: Pathways to Sustainable Development"

16-18 November 2017, Bangkok, Thailand

WE, representing the national engineering organisations of the ten (10) ASEAN Member States, collectively known as the ASEAN Federation of Engineering Organisations (**AFEO**), namely, Pertubuhan Ukur, Jurutera dan Arkitek (**PUJA**), **Brunei Darussalam**; Board of Engineers Cambodia (**BEC**), **Cambodia**; Persatuan Insinyur Indonesia (**PII**), **Indonesia**; Lao Union of Science and Engineering Associations (**LUSEA**), **Laos PDR**; The Institution of Engineers, Malaysia (**IEM**), **Malaysia**; Myanmar Engineering Society (**MES**), **Myanmar**; Philippine Technological Council (**PTC**), **Philippines**; The Institution of Engineers, Singapore (**IES**), **Singapore**; The Engineering Institute of Thailand under H.M. the King's Patronage (**EIT**), **Thailand**; and Vietnam Union of Science & Technology Associations (**VUSTA**), **Vietnam**, assembled in Bangkok, Thailand from 16th to 18th November 2017 for the 35th Conference of the ASEAN Federation of Engineering Organisations (**CAFEO 35**) with the strategic theme : **"Towards a Sufficiency Economy : Pathways to Sustainable Development"**.

RECALLING that at CAFEO 34, held from 21st to 24th November 2016 in Palawan, Philippines, AFEO by way of **The Palawan Declaration** called on AFEO Member Organisations to take pro-active steps towards improving mobility of engineers across the borders and promoting the working group of Sustainable Cities besides accelerating the goals of other working groups on Disaster Preparedness, Engineering Education and Capacity Building, Environmental Engineering, Energy, and Transportation and Logistics.

THE OBJECTIVE of CAFEO 35 is to establish staggered milestones that will accelerate sustainable development in ASEAN Member States through sharing of best practices, implementation of the agreed upon guidelines and various action plans generated from the working groups of AFEO under the direction of the AFEO Governing Board. The sectoral cooperation of the working groups and connectivity among ASEAN engineers, ASEAN technologists, ASEAN technicians and their associates will enhance greater mobility of these people within ASEAN Member States which ultimately strengthen intra-trade and services leading towards sufficiency economy.

Having considered the issues during the conference under the strategic theme **"Towards a Sufficiency Economy: Pathways to Sustainable Development"**, the AFEO commits to carry out its duties and responsibilities diligently and amongst others to establish strong network with private entities, trade associations and government bodies within ASEAN Member States to promote sharing of experience and knowledge towards sufficient and robust economy.

RESOLUTION AND DECLARATION:

ALIGNING with the strategic theme of CAFEO 35 and ASEAN ECONOMIC COMMUNITY BLUEPRINT 2025 (AEC 2025), this BANGKOK DECLARATION envisions to create a deeply integrated and highly cohesive ASEAN economy that would support high economic growth and resilience; incorporate a sustainable growth agenda that promote an engineering based use of, and support for green technology and energy. AFEO member organisations shall continue to work towards enhancing connectivity and cooperation and advancing AFEO's integrated voice in global economic and engineering arena.

AFEO is also committed to support the seventeen (17) Sustainable Development Goals (SDG) agenda of the United Nations Development Programme (UNDP) which is to be achieved by 2030, through the continual initiatives of the AFEO working groups.

AFEO pledges to promote the use of the best practices and guidelines generated by its working groups to all trade organisation and government bodies of ASEAN Member States and through concerted efforts of the grass-root and government advocacy of AFEO, and to agree upon a set of AFEO Guidelines which shall ultimately transform into ASEAN Standards.

WE at CAFEO 35 hereby RESOLVE: -

A) To Exchange Best Practices and to Generate Guidelines on Sustainable Cities, Disaster Preparedness, Engineering Education and Capacity Building, Environmental Engineering, Energy, and Transportation and Logistics

- I. THAT AFEO through its six (6) working groups commits to share documented best practices among all Member Organisations by 2020.
- II. That the AFEO WG on Energy shall develop the AEI Guidelines on Electrical Installation to harmonise and standardise the electrical installation system amongst ASEAN countries by 2025
- III. THAT AFEO shall produce an ASEAN Road Safety Guidelines (RSG) jointly with ASEAN Road Safety Centre (ARSC) by 2019. The RSG shall be developed through sectoral cooperation and shall provide a source of reference and guidance to ASEAN's policy makers with responsibility for road safety to improve regional integration.

B) To Enhance Economic Connectivity through Sectoral Cooperation

- I. THAT AFEO Member Organisations commit to strengthen each Working Group (WG), Young Engineers, and Women Engineers Sections with subject experts who are the permanent representatives to each WG and Sections ensuring effective participation in all AFEO Mid-Term Meetings and CAFEO thus intensifying sectoral cooperation.
- II. THAT AFEO Member Organisations shall generate a database of all registered ASEAN engineers, ASEAN technologists, ASEAN technicians and their associates listing their expertise within the six (6) working groups on a shared platform to promote mutual recognition and increased economic connectivity through deepened mobility of AFEO members by 2019.
- III. THAT AFEO Member Organization may share information on each of the member country key data and progress toward achieving the goals of each Working Group
- IV. THAT AFEO Member Organisations shall connect with micro, small and medium enterprises (MSMEs) of ASEAN Member States via their business clubs to support economic integration and to expand mobility of their members to these MSMEs.
- V. THAT AFEO Member Organisations shall deepen application of Information Communication Technology (ICT) within their member organisations for economic connectivity and to promote wider utilisation of digital technology.

C) To Accelerate Capacity Building amongst AFEO Member Organisations

- I. THAT AFEO Member Organisations shall intensity membership drive to register more ASEAN engineers, ASEAN technologists, ASEAN technicians and their associates in the ASEAN Engineering Register (AER).
- II. THAT AFEO Member Organisations shall individually organise structured courses on specific competencies in relation to the expertise shared within the working groups.
- III. THAT AFEO Member Organisations commit to provide experts and training materials for inter-member organisation trainings to build up capacity on a good will basis.

CALL TO ACTIONS

WE, the member organisations of ASEAN Federation of Engineering Organisations (AFEO) commit ourselves to implement all activities related to the Resolutions and shall review the progress achievements against the timeline set forth in this Bangkok Declaration.

Signed in Bangkok, Thailand on 18th November in the Year Two Thousand and Seventeen.

Signed at the 35th CAFE0 held in Bangkok, Thailand on 18 November 2017 by the President of the AFE0 Countries

SO RESOLVED AND AGREED BY:



Asst.Prof. Dr. Thames Weerasiri
Chairman of AFE0 and
concurrently President EIT (Thailand)



Er Edwin Khew Teck Fook
President IES
(Singapore)



Prof. Dang Vu Minh
President VUSTA
(Vietnam)



Ir. Hj Mohammad Nazri bin Hj Mohammad Yusof
President PUJA
(Brunei Darussalam)



H.E. Sopheap Khvay
On behalf of President of BEC
(Cambodia)

Ir. Somphone Phanousith
On behalf of President of LUSEA
(Lao PDR)



Ir. Dr A. Hermanto Dardak
President PII
(Indonesia)



Ir. Dr. Tan Yean Chin
President IEM
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Engr. Aung Myint
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Ir. Ong Ching Loon
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