

## 36<sup>th</sup> Conference of the ASEAN Federation of Engineering Organisations (CAFEO 36)

### The Singapore Declaration

“Engineering Rail Connectivity” and “Fostering Excellence in Engineering Education”

*12-14 November 2018, Singapore*

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**WE**, representing the national engineering organisations in the 10 ASEAN member-countries, 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; The Institution of Engineers, Malaysia (IEM), Malaysia; Myanmar Engineering Society (MES), Myanmar; Philippine Technological Council (PEC), Philippines; The Institution of Engineers, Singapore (IES), Singapore; The Engineering Institute of Thailand under the King’s Patronage (EIT), Thailand; and Vietnam Union of Science & Technology Associations (VUSTA), Vietnam, assembled in Singapore from 12<sup>th</sup> to 14<sup>th</sup> November 2018 for the 36<sup>th</sup> Conference of the ASEAN Federation of Engineering Organisations (CAFEO 36) with the themes: “Engineering Rail Connectivity” and “Fostering Excellence in Engineering Education”.

**RECALLING** that at CAFEO 35, held from 16<sup>th</sup> to 18<sup>th</sup> November 2017 in Bangkok, Thailand, AFEO by the way of the Bangkok Declaration to create a deeply integrated and cohesive ASEAN economy that would support economic growth and resilience and incorporate a sustainable growth agenda that promote engineering-based use of, and support for green technology and energy. AFEO member organisations shall also continue to work towards enhancing connectivity and cooperation and advancing AFEO’s integrated voice in global economic and engineering area and commit themselves to support the 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.

**THE OBJECTIVE** of CAFEO 36 is to support the Master Plan on ASEAN Connectivity 2025 by ASEAN leaders in September 2016 with the two themes “Engineering Rail Connectivity” and “Fostering Excellence in Engineering Education”, while not forgetting to promote sustainable and smart digital solutions for the economic benefits of the greater ASEAN community.

Having considered the issues during the conference under the strategic theme “**Engineering Rail Connectivity**” and “**Fostering Excellence in Engineering Education**”, 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 with ASEAN member countries to promote sharing of experience and knowledge; consistently promote, as well as enhance connectivity and cooperation amongst AFEO members, and to deliver high-quality engineering education that will produce future-ready engineers who hold paramount the safety, health and well being of workers and public.

## RESOLUTION AND DECLARATION

AFEO member countries commit to proactively take concrete actions to deepen and integrate the connectivity and mobility of ASEAN citizens in a sustainable and liveable environment while maximising the use of digital technology to enhance productivity and improve workplace safety and health. AFEO members shall promote and advance the knowledge of engineers through high-quality engineering education and regular experience sharing sessions.

AFEO members pledge to promote the values and ethos of the engineering community in the spirit of the ASEAN family.

**WE** at CAFEO 36 hereby RESOLVE THAT:-

- A) Railway and Transportation Connectivity
  - To promote and strengthen railway and transportation connectivity within ASEAN so as to advocate cross-border trading and people-to-people interaction
  
- B) Fostering Excellence in Engineering Education
  - To advance and deepen the excellence in engineering education so as to produce engineers who are future-ready
  
- C) Urban Sustainable Solutions
  - To proactively promote and adopt innovative urban living solutions so as to create sustainable and liveable condition for the masses
  
- D) Vision Zero
  - To actively inculcate the mindset in engineers that all injuries and ill-health at work are preventable and apply the “Design for Safety” concept to address workplace safety and health risks at the planning and design stage of engineering projects
  
- E) Capability Building
  - To facilitate the exchange and sharing of best practices and experiences in building urban sustainable solutions among the member institutions through courses, workshops and roundtable discussions. This would equip the engineering institutions with the right expertise to provide advice to government agencies in sustainable cities development
  
- F) Sharing of Project Information
  - To share, exchange and collaborate on project opportunities of AFEO member country, especially those pertaining to urban sustainable solutions, so as to encourage and promote the successful completion of development projects and co-operation

G) Start-up Incubators

- To provide suitable start-up incubating and accelerating platforms so as to facilitate and encourage young engineers to innovate and venture into start-up projects

**CALL TO ACTION**

**WE**, the member organisations of ASEAN Federation of Engineering Organisations (AFEO) commit ourselves to implement all activities in this Singapore Declaration and initiate Working Groups and Committees to adopt, execute and accelerate the action items stated in this declaration.

Signed in Sentosa Island, Singapore on 14<sup>th</sup> November in the Year Two Thousand and Eighteen

**SO RESOLVED AND AGREED BY:**



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Professor Dr Yeoh Lean Weng  
AFEO Chairman concurrently  
President of IES  
(Singapore)



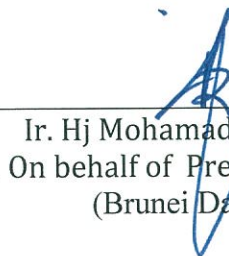
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Ir. Dr A. Hermanto Dardak  
President of PII  
(Indonesia)



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Professor Dang Vu Minh  
President of VUSTA  
(Vietnam)



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Ir. Hj Mohamad Zin Bin Salleh  
On behalf of President of PUJA  
(Brunei Darussalam)

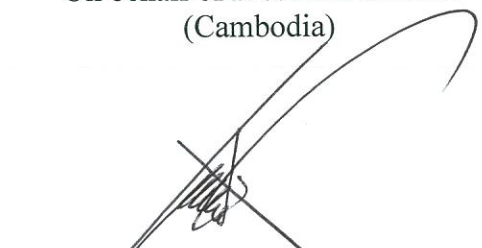


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H.E. Lim Sothav  
On behalf of President of BEC  
(Cambodia)

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



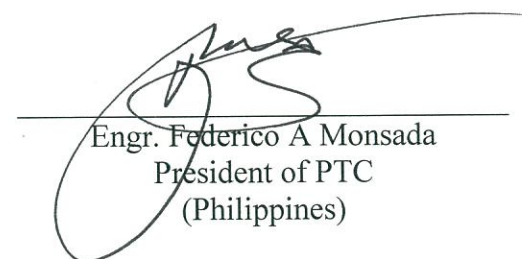
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Ir. David Lai Kong Phooi  
President of IEM  
(Malaysia)



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Eng Aung Myint  
President of MES  
(Myanmar)



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Engr. Federico A Monsada  
President of PTC  
(Philippines)



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Asst. Prof. Dr. Thanés Weerasiri  
President of EIT  
(Thailand)



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Ir. Prof Dr Jeffrey Chiang Choong Luin  
Secretary- General  
(AFEO)