



ASEAN 50
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AEI – ELECTRICAL BLUEPRINT (2018-2035)

16th November 2017

Bangkok

Presented By: AEI - Electrical Steering
Committee

Overview

- Short Term (2018-2020)
- Mid Term (2021-2025)
- Long Term (2025-2035)

Overview

- At Present –
 - AEI Electrical is conducting a survey on electrical installation standards in ASEAN region
(Next year's plan)
 - AEI plans to conduct awareness seminars
 - AEI Electrical Inspection Guidelines – Version 2.0
- At the AFEO Mid-Term 2017 In Singapore, the AFEO Secretary General, Ir. Ong Chin Loon has indicated that the AEI Electrical Committee should look at long term plan and also efforts in providing a master plan in concurrent with the AEC Blueprint 2025.

Short Term (2018-2020)

- To create awareness amongst engineers/other stakeholders in ASEAN countries
 - 2018 Plans
 - AEI Roadshow
 - Individual Country Activity Plans To Be Discussed
 - Updated AEI Electrical Inspection Guidelines V2.0 (By 2018 – CAFEO 2018, Singapore)
 - 2019 Plans
 - AEI Training On Electrical Inspection & Installation
 - AEI Train the trainers programme
 - AEI Electrical Installation Guidelines (By 2020 – CAFEO 2020)
- Further identify potential stakeholders

Mid Term (2020 – 2022)

- Implementation Stage
- In this term, divided into four efforts:-
 - Education
 - To introduce electrical standards to university academicians/students and to be included as elective/core subject for the universities students
 - Stakeholders
 - Further enhance stakeholders participation by inclusion of all relevant stakeholders in the national working group.
 - Standards Usage
 - To organize short course/seminar related to standards that provides certificate of completion to attendees
 - Registration Of Electrical Engineers

Long Term (2023 – 2035)

- 2023-2025 – 2 years
- The AFEO WG on Energy will develop the AEI Guidelines on Electrical Installation with the aim to harmonise and standardise the electrical installation system amongst ASEAN countries by 2025.
- Individual AFEO members to pursue the harmonization and adoption in their respective countries.
- 2026-2035 – 10 years
- Involvement at ministerial level
- ASEAN involvement in IEC and other international organizations on regards in promoting the harmonization of Electrical Installations Standards

Long Term (2023 – 2035)

- 2023-2025 – 5 years
- The AFEO WG on Energy will develop the AEI Guidelines on Electrical Installation with the aim to harmonise and standardise the electrical installation system amongst ASEAN countries by 2025.
- Individual AFEO members to pursue the harmonization and adoption in their respective countries.
- 2028-2034 – 5 years
- ASEAN involvement in IEC and other international organizations on regards in promoting the harmonization of Electrical Installations Standards

Proposed CAFEO Bangkok Declaration

- That AFEO shall achieve the ultimate goal of harmonising the gaps in practices amongst the AFEO Member Organisations.
- The AFEO WG on Energy will develop the AEI Guidelines on Electrical Installation with the aim to harmonise and standardise the electrical installation system amongst ASEAN countries by 2025.