



International Copper  
Association Southeast  
Copper Alliance **Asia**



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## Concept Note – ASEAN Engineering Inspectorate

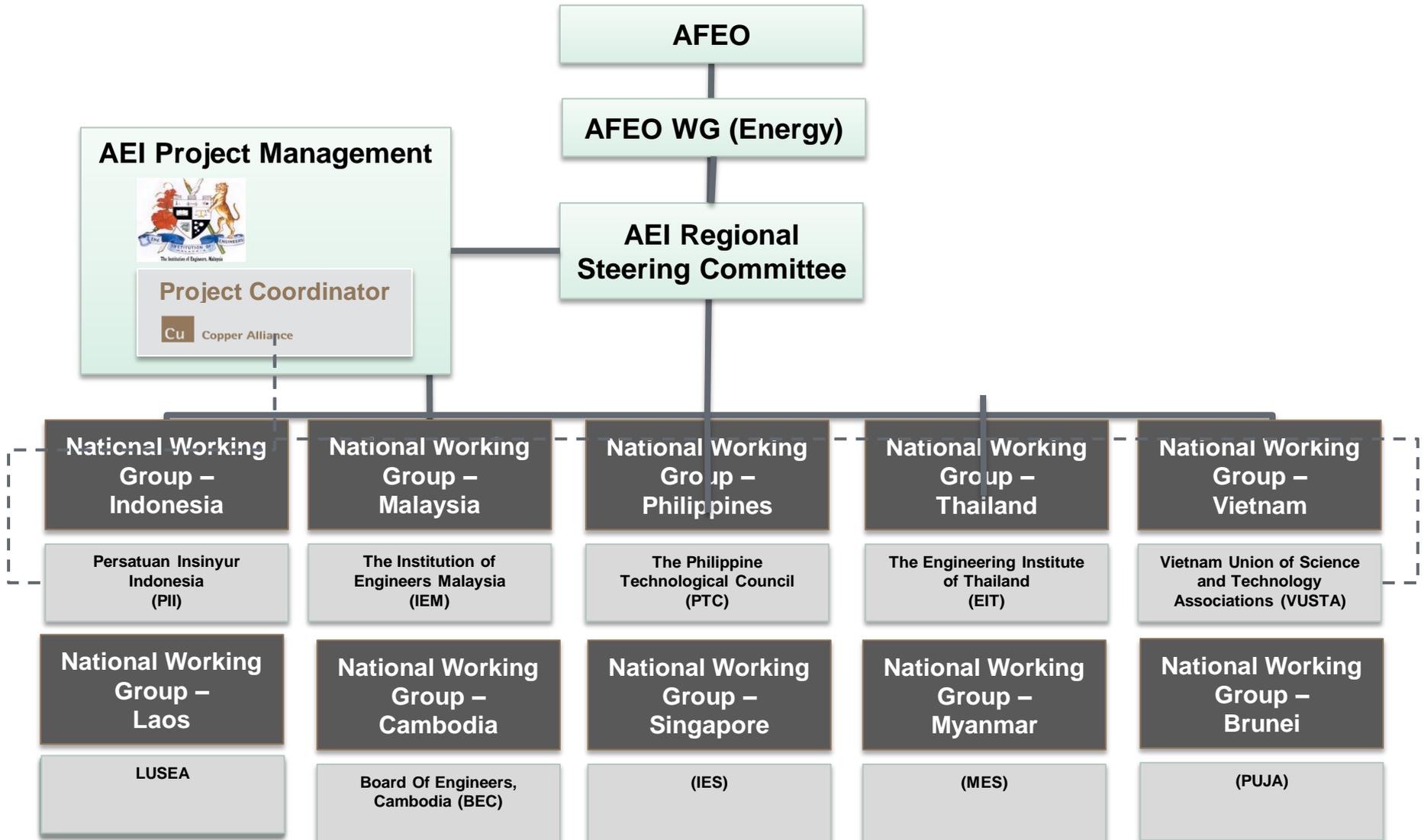
- *Electrical Installation*
- *The Way forward*

# Objectives

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- Long-term:
  - Harmonization of standards for electrical installations in buildings
  - Training and certification of electrical engineers and contractors per AER guidelines
- Mid-term:
  - Adoption of AEI guidelines in ASEAN member states
- Immediate:
  - Harmonization of electrical inspection standards and practices in ASEAN via AEI Guidelines

# AEI Structure



## Roles & Responsibilities

### 1. IEM:

- Secretariat and Chair for AEI Steering Committee.
- Provide progress update and reports to AFEO WG Energy & AFEO Board of Committee

### 2. ICA:

- Project Coordinator for implementation of AEI activities

### 3. AEI Steering Committee:

- Provide advisory and oversights on AEI implementation framework;
- Review and approve project plans;
- Review and approve project documentations, reports.

### 4. National Working Group:

- Provide resources for AEI implementation

# Work Plan



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1. Development of AEI Handbook & Circulation and Awareness Training
  2. Feasibility Studies On Electrical Inspection (Installations) Standards across ASEAN
  3. Harmonization of the Electrical Inspection (Installations) Standard for the ASEAN Inspectorate (AEI) - reference IEC 60364 Part 6
  4. Adoption of AEI at ASEAN Member States
  5. Training and certification for engineers, contractors, and inspectors

# AEI Work Plan



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1. AEI Steering Committee
    - Nomination: by Jan 2017
    - Inception meeting – Q1 2017
    - 2<sup>nd</sup> meeting – in conjunction with AFEO event during AFEO Mid Term 2017
    - 3<sup>rd</sup> meeting – in conjunction with AFEO meeting in 2017
  
  2. Adoption of AEI at ASEAN Member States
    - Feasibility study on adoption of AEI guidelines (by April 2017)
      - Report on electrical inspection systems in ASEAN
      - Comparison of AEI guide with existing country inspection systems
    - Organize dissemination workshops (3-4 workshops; 1<sup>st</sup> workshop in Q1)
      - Introduce AEI guide
      - Localization of AEI guidelines?
      - Formation of country AEI Work Group
        - Standards – Need to adopt IEC 60364-6?
        - Regulatory/policy issues?
        - Implementation issues?
        - Funding?

# AEI Work Plan



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3. Development of AEI Handbook (translation to various ASEAN Country)
  4. Training and certification for engineers, contractors, and inspectors
    - AEI and AER
    - Develop training materials
    - Certification process

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Thank you

**Cu** Copper Alliance

