



## ASEAN SHINE – Lighting Chapter: a successful approach to promoting efficient lighting through regional harmonization

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## Background

- April 2015, ASEAN EE&C-SSN agreed to collaborate towards the regional transition to energy efficient lighting (11th ASEAN EE&C-SSN meeting)
- The promotion of efficient lighting fits within the strategic objectives of **ASEAN Plan of Action for Energy Cooperation (APAEC)** and **Action Plans and Initiatives of Sub-sector Networks and Specialized Energy Bodies for the APAEC 2016-2025: Phase I (2016-2020)**
- February 2016, ASEAN SHINE Steering Committee agreed to integrate lighting as the next product under ASEAN SHINE umbrella programme.

# Funding and Management

## **Project duration**

2016 - 2020

## **Funding Phase 1 (2016-2017)**

- EU SWITCH-Asia 1 Regional Policy Support Component
- Supporting Phase 1 2016 (USD 260,000)
- Australian Government Support
- ICA Support

## **Funding Phase 2 (2018-2020)**

- U4E funding through GEF

## **Overall management and coordination**

United for Efficiency (U4E) – Regional Office for Asia and the Pacific

## **Partners**

International Copper Association (Thailand)

ASEAN Centre for Energy

U4E Industry partnership (OSRAM, PHILIPS)

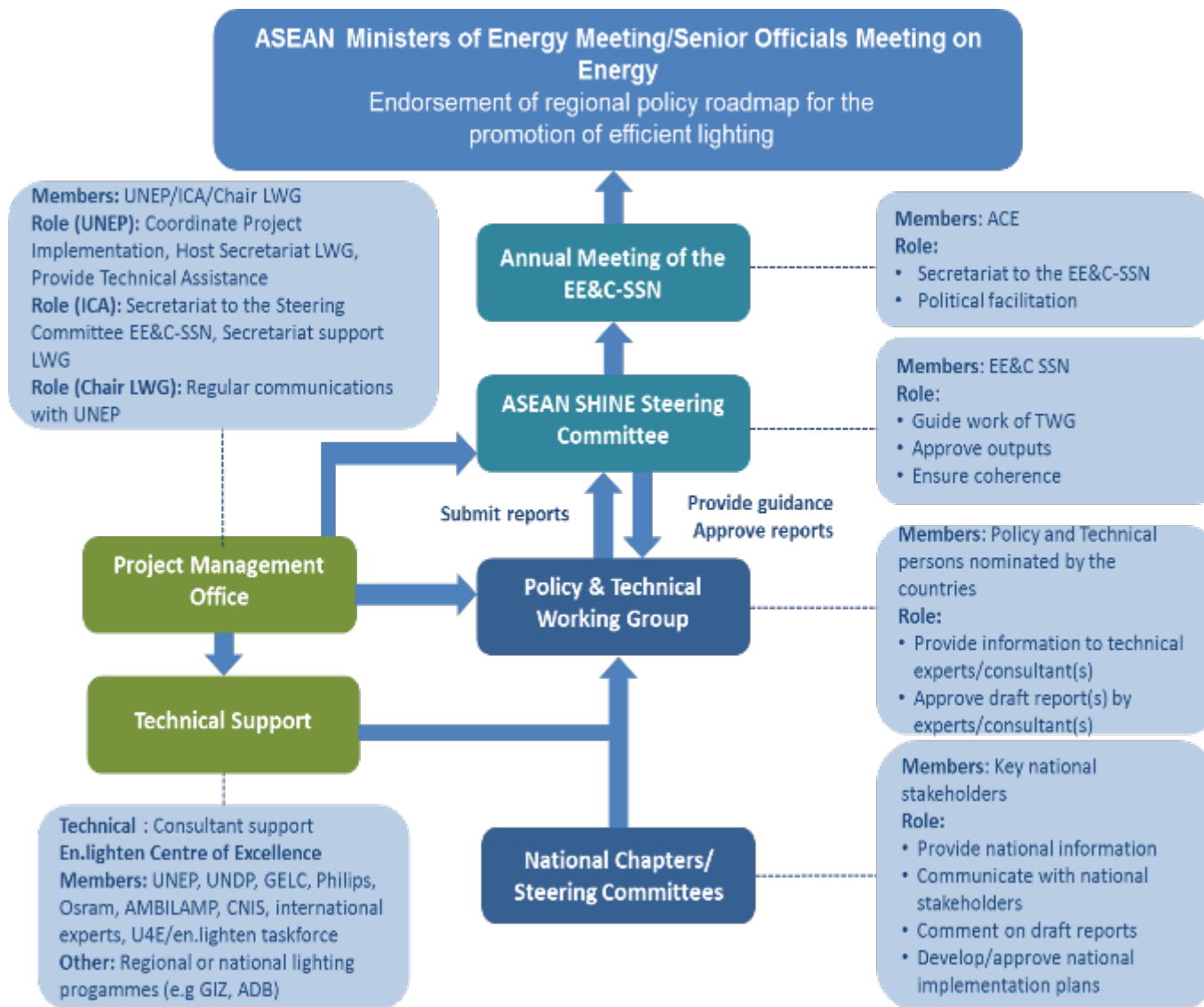
## **Associates**

ASEAN ministries/organizations in charge of energy in each country (via ASEAN SHINE

Steering Committee)

Lighting Policy and Technical Working Group Members

# Overall structure



# Objectives

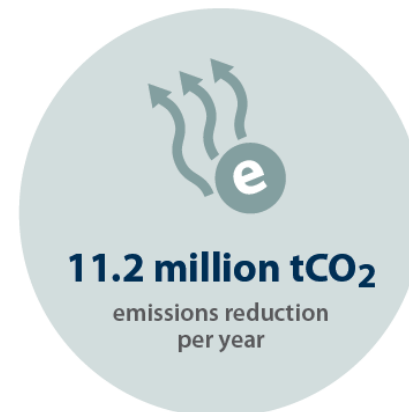
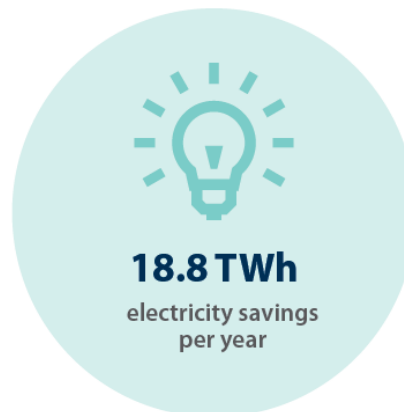
The overall objective of ASEAN SHINE - Lighting is to promote higher efficiency lighting products in ASEAN through harmonized energy efficiency standards.

## Long term objectives:

Reduce electricity consumption related to lighting in ASEAN (domestic and professional sectors)

Reduce/limit greenhouse gas emissions associated with lighting in ASEAN

Enhance regional trade of high efficiency lighting by removing non-tariff barriers to trade (ASEAN Vision 2020).



# Approach

- **Work Package 1:** ASEAN Regional Lighting Market Assessment
- **Work Package 2:** Harmonized Test Method Standards and ASEAN MRA on laboratory test reports for In-Scope Lighting Products
- **Work Package 3:** ASEAN Regional Policy Roadmap for MEPS
- **Work Package 4:** National Lighting Policy Roadmaps and capacity building activities for Policy Makers
- **Work Package 5:** Capacity Building on monitoring, verification and enforcement for Compliance and Enforcement Authorities
- **Work Package 6:** Capacity Building for Local Lighting Manufacturers
- **Work Package 7:** Awareness Raising Campaigns and Activities

# Phase 1: 2016 - 2017

Phase 1 work programme focuses on:

- Technology selection
- Definition development
- Establishing a process for harmonization

Specifically:

- Work Package 1
- Work Package 2

# Work Completed

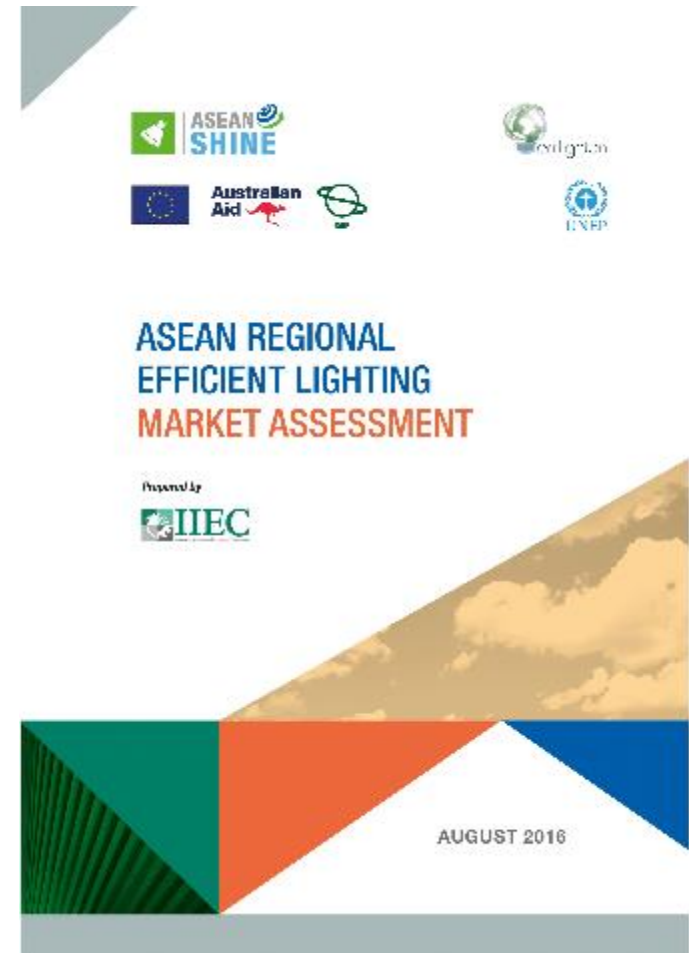
- **Kick Off Workshop** – February 2016, Thailand
- **Formation** of the Lighting Policy and Technical Working Group (**LWG**)
- **1<sup>st</sup> LWG Meeting**, May 2016, Myanmar
- **Election of Chair and Vice-Chair**
- Developed, Reviewed and Approval of the **LWG Terms of Reference**
- Developed, Reviewed and Approval of the **LWG Programme of Work**
- **2<sup>nd</sup> LWG Meeting**, July 2016, Indonesia





## Work completed (cont.)

- Review and approve:
  - ASEAN Regional Lighting Policy Paper
  - Technology Scope Paper
  - ASEAN Regional Market Assessment
- Develop the comparative matrix for analysis of regional Performance and Test method Standards
- Draft definition for Scope of lighting (LFL & LED) products included in MEPS
- 2<sup>nd</sup> LWG Meeting, July 2016, Indonesia
- 3<sup>rd</sup> LWG Meeting, October 2016, Thailand
- Sub-regional meeting Cambodia, Lao PDR, Myanmar.
- Technology section: LFL & LED



# Work Plan 2018-2020

## Finalization of the Regional Policy Roadmap:

- Final draft report (Dec 2017)
- 5<sup>th</sup> LWG Meeting (Jan 2018)
- Final report (Feb 2018)
- Adoption by EE&C SSN (June 2018)
- Endorsement by SOME/AMEM (Sept 2018)

## Work Package 4: National Lighting Policy Roadmaps and capacity building activities for Policy Makers

- To be completed by Mid 2019

**Secure funding** for work packages 5 (MV&E), 6 (CB local manufacturers) and 7 (consumer awareness)



# Thank you

TRANSFORMING MARKETS TO ENERGY-EFFICIENT PRODUCTS



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