ASEAN SHINE
Progress Update – October 2016
ASEAN SHINE Structure

Roles & Responsibilities
1. ICA: Project owner; Project management and implementation; Ensure compliance to EU funding rules; reporting to EU; management of funds
2. ACE: Provide advisory and oversights on ASEAN protocol; coordinate communications and reporting with EE&C-SSN, SOME, AMEM

Technical Support Group:
ACE, UNEP, ERI, UL, CLASP

Advisory Committee
Technical advisory
Help with funding

Country Chapters

2013-2016: Funded by European Union, UNEP and ICA
ASEAN Standards Harmonized

Achievements

All ASEAN member states to use ISO 5151:2010 for the testing method for air conditioners by 2017
Adoption of ISO 16358 by 2020

Standards Harmonization Technical Working Group meetings, 2013
EU-APEC-METI

Standards harmonization technical report, October 2013
Regional Policy Roadmap endorsed by 10 ASEAN member states (Ministers of Energy Meeting, AMEM)

ASEAN Member states have agreed to increase MEPS for ACs over time
## National Policy Roadmaps

<table>
<thead>
<tr>
<th>Country</th>
<th>Draft Roadmap</th>
<th>Final Draft Roadmap</th>
<th>Stakeholders Consultation</th>
<th>Final – National Roadmap</th>
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<td>Cambodia</td>
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Capacity building for testing labs

Training for testing laboratories from Thailand, Malaysia, Indonesia, Philippines, Vietnam
Increased capacity to perform testing according to ISO5151:2010 and implement ISO 17025

Participants from Labs in 5 ASEAN countries including representative from ACE attended ISO 17025 training workshop, 17-19 August 2015, in Bangkok
Capacity building for local AC manufacturers

Achievements

- Training on advanced technology to increase energy performance of ACs

Conference on Trend and Micro Groove Technology for Air con industry on May 22\textsuperscript{nd}, 2015

28 July 2016: training of small-diameter copper tubes for heat exchanger
Consumer awareness campaigns

• Mobile App

• Video clip to be completed end of Nov

• Promotional materials (leaflets, brochures, banners, etc.) In each country (except LCM):
  • Partnerships with retail chains and AC manufacturers already finalized
  • Active program to train at least 500 sales persons in each country
Mobile App – Money saving calculator
ASEAN SHINE Lighting Chapter

• Managed by UNEP
• Work conducted by the Lighting Technical and Policy Working Group (LWG):
  • Chair: Thailand (DEDE)
  • Vice-Chair: Malaysia (Energy Commission)
• Steering: EE&C SSN
• Prioritization: 1) Linear Fluorescent Lamps; 2) LED non-directional lamp
ASEAN SHINE Lighting Chapter

• **Work Package 1:** ASEAN Regional Lighting Market Assessment (IIEC)
• **Work Package 2:** Harmonized test standards for Lighting products
• **Work Package 3:** ASEAN Regional Lighting Policy Roadmap for MEPS
• **Work Package 4:** National Lighting Policy Roadmap 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 for End-users