**2010**

In November 2010: International Copper Association (ICA) together with United Nations Environment Programme (UNEP) conducted a survey on energy savings potential and current status in Energy Efficiency Standards and Labeling programs for Air conditioners.

**2011**

In May 2011:
To be in line with priorities of the ASEAN Plan of Action for Energy Cooperation (APAEC), the EE&CC SSN endorsed the strategic framework for the Promotion of Higher Efficiency Appliances developed with the technical assistance of UNEP and ICA.

**2012**

In 2012:
ICA, with the help of IEEJ from Japan, secured funding from APEC (111,000 USD) to implement the first phase of ASEAN SHINE: harmonization of ASEAN standards.

**2013-2016**

ICA and UNEP received a grant from the European Union (1.7 million Euro) to implement ASEAN SHINE for air conditioners.
ASEAN SHINE aims at promoting higher efficiency air conditioners through harmonization of test methods and energy efficiency standards, increase of Minimum Energy Performance Standards, and inform consumers about economic benefits of higher efficient air conditioners.

**ACHIEVEMENTS**

- ASEAN Standards for the testing method harmonized to ISO 5151:2010
- "ASEAN Regional Policy Roadmap for Harmonization of Energy Performance Standards for Air Conditioners" adopted by 33rd ASEAN Ministers of Energy Meeting (AMEM)
- National policy roadmaps developed and adopted by ASEAN Member States
- Capacity building programs for AC manufacturers and testing laboratories
- AC selection software and AC SELECT App developed to help consumers see the important economic benefits of purchasing higher efficiency air conditioners; training of sales persons in ASEAN countries