



REGIONAL INITIATIVES ON EES&L FOR LIGHTING PRODUCTS

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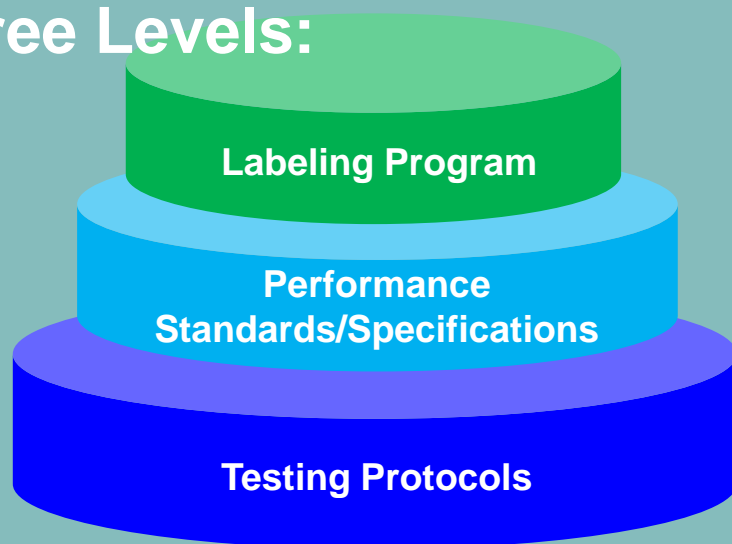


REGIONAL COOPERATION ON EES&L



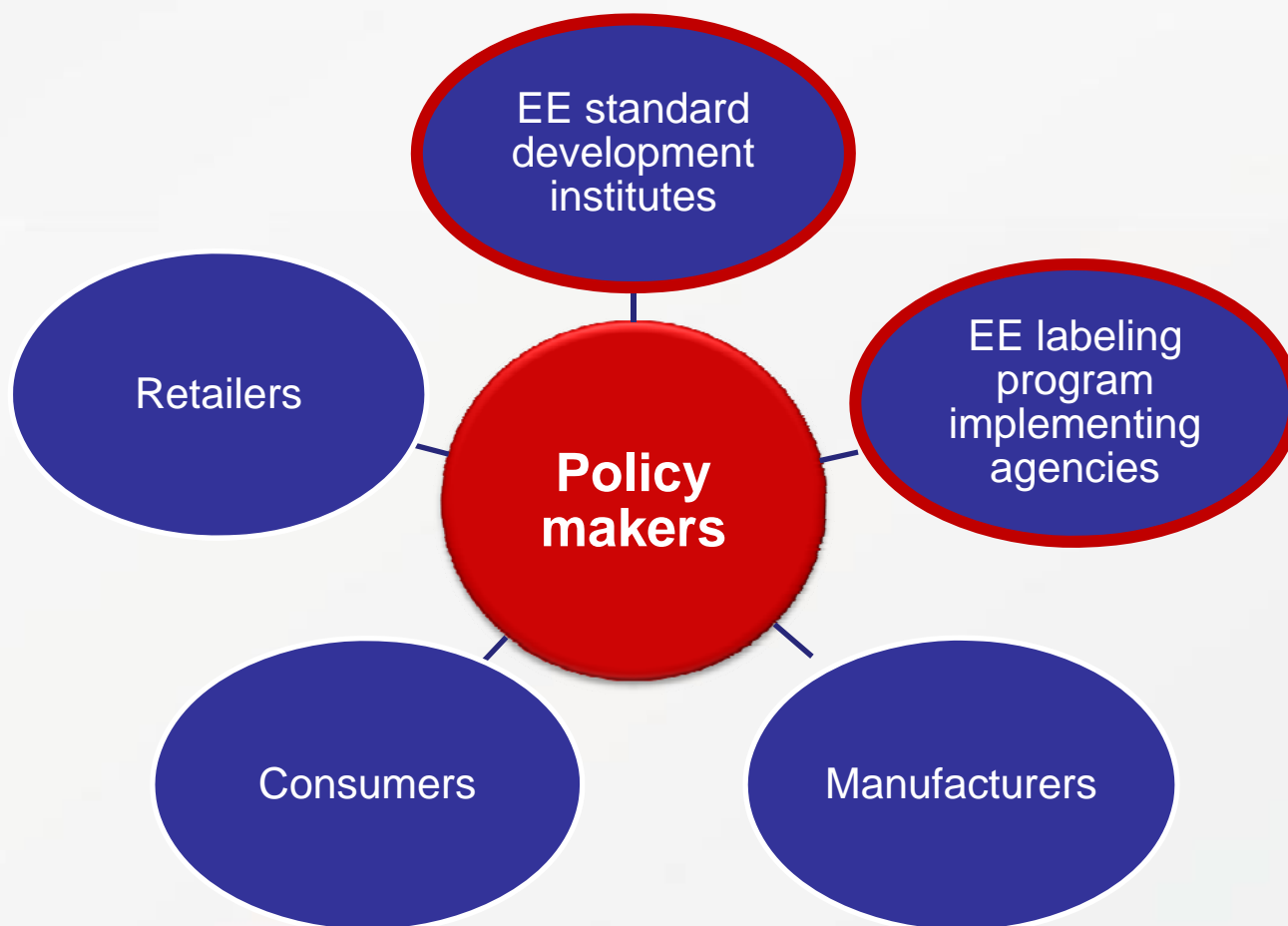
ADDRESS EES&L HARMONIZATION AND MUTUAL-RECOGNITION

Three Levels:



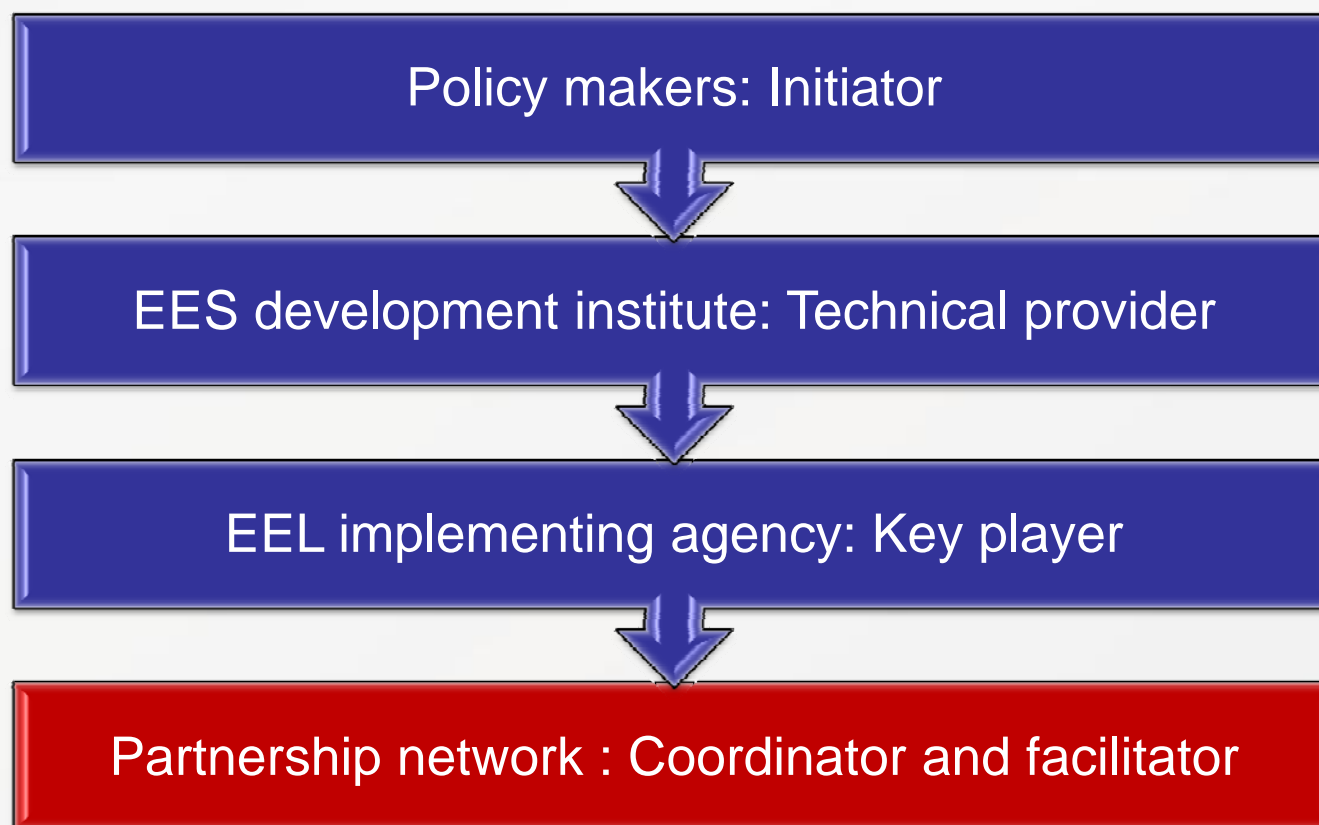
Reduce EE
Program Costs and
Foster Global Trade

KEY STAKEHOLDERS OF EES&L

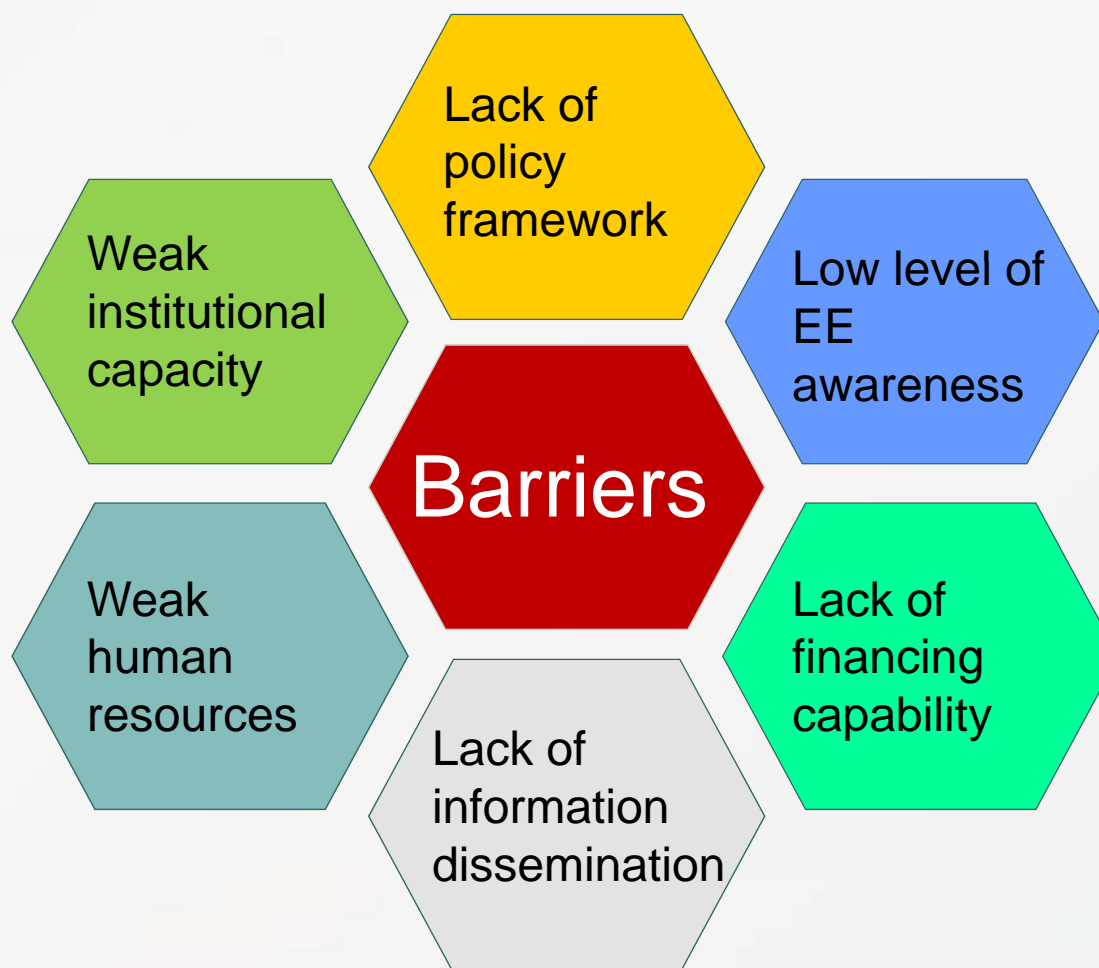




HOW TO PROMOTE EES&L HARMONIZATION AND MUTUAL-RECOGNITION



BARRIERS OF EES&L H&M







PROJECT INTRODUCTION

- ❑ **BRESL:** UNDP/GEF: Asia: Barrier Removal to the Cost-Effective Development and Implementation of Energy Efficiency Standards and Labeling ;
- ❑ **Period and budget:** 2009~2013 with 7.8 million GEF grant;
- ❑ **Countries:** Bangladesh, China, Indonesia, Thailand, Vietnam and Pakistan;
- ❑ **Products:** CFL, Ballasts for FLs, Refrigerators, Room Air Conditioners, Electric Motors, Electric Fans, and Rice Cookers.
- ❑ **Project Components:**
 - Policy-Making Program;
 - Capacity Building Program;
 - Manufacturer Support Program;
 - Regional Cooperation Program;
 - Pilot Projects.

PROJECT INTRODUCTION

OBJECTIVE:

Promote energy efficient products in Asia.

OUT COMES

Enhanced awareness on EES&L in the use of EE products .

Facilitation of development and implementation of EES&L

Establishment of a regional network to facilitate CHM

Successful demonstration of incentive policies and institutionalization



PROJECT INTRODUCTION

The BRESL project facilitates **cooperation, harmonization and mutual-recognition** of ES&L among developing countries in Asia.

A regional initiative in Asia. The project will focus on regional ES&L program cooperation, harmonization with provision for general information, tools and training to all interested developing countries in the region.

National technical assistance to the participating countries. The project will focus on capacity building and assisting the relevant stakeholders to implement the ES&L program.

KEY ACTIVITIES



- Capacity Building
- TWGs
- REESLN



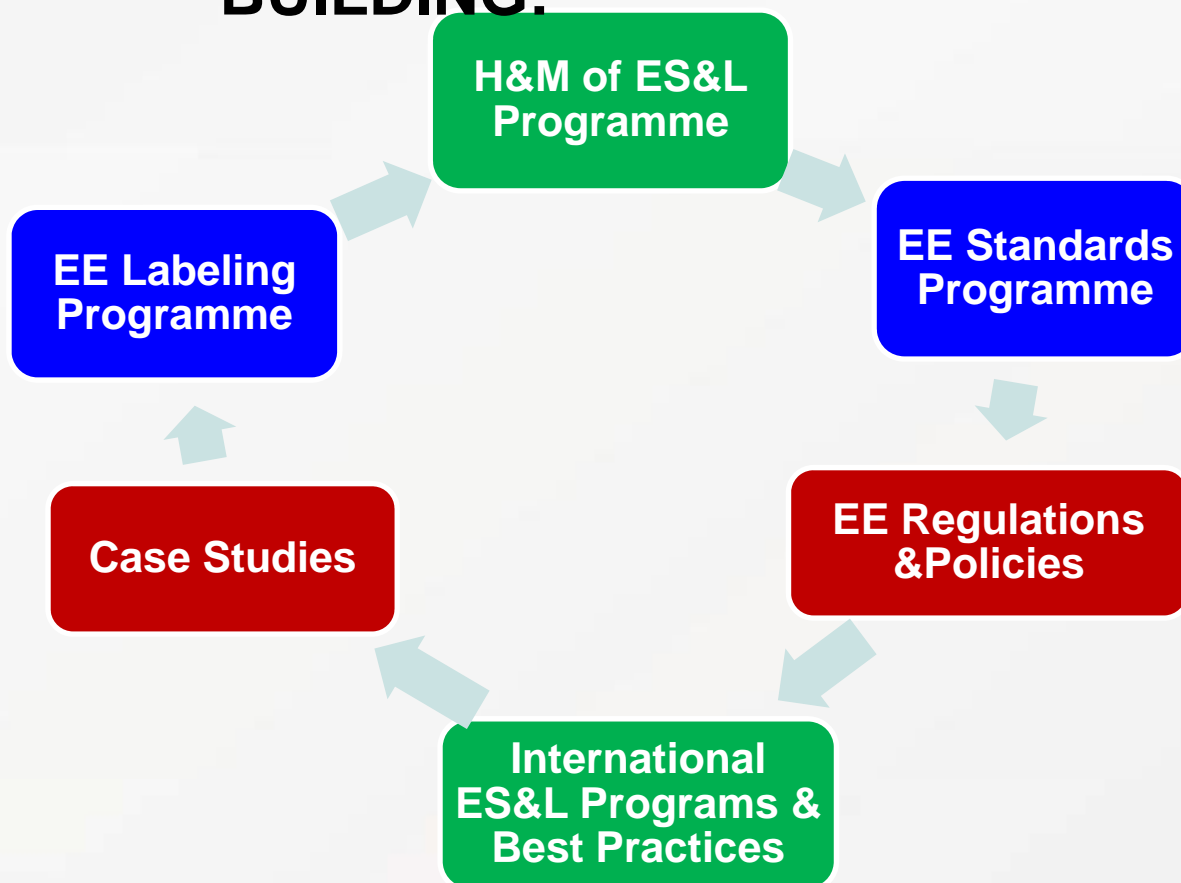
KEY ACTIVITIES

CAPACITY BUILDING:

- Regional training programs;
- National training programs;
- Workshops;
- Study tour.

KEY ACTIVITIES

KEY CONTENTS OF CAPACITY BUILDING:



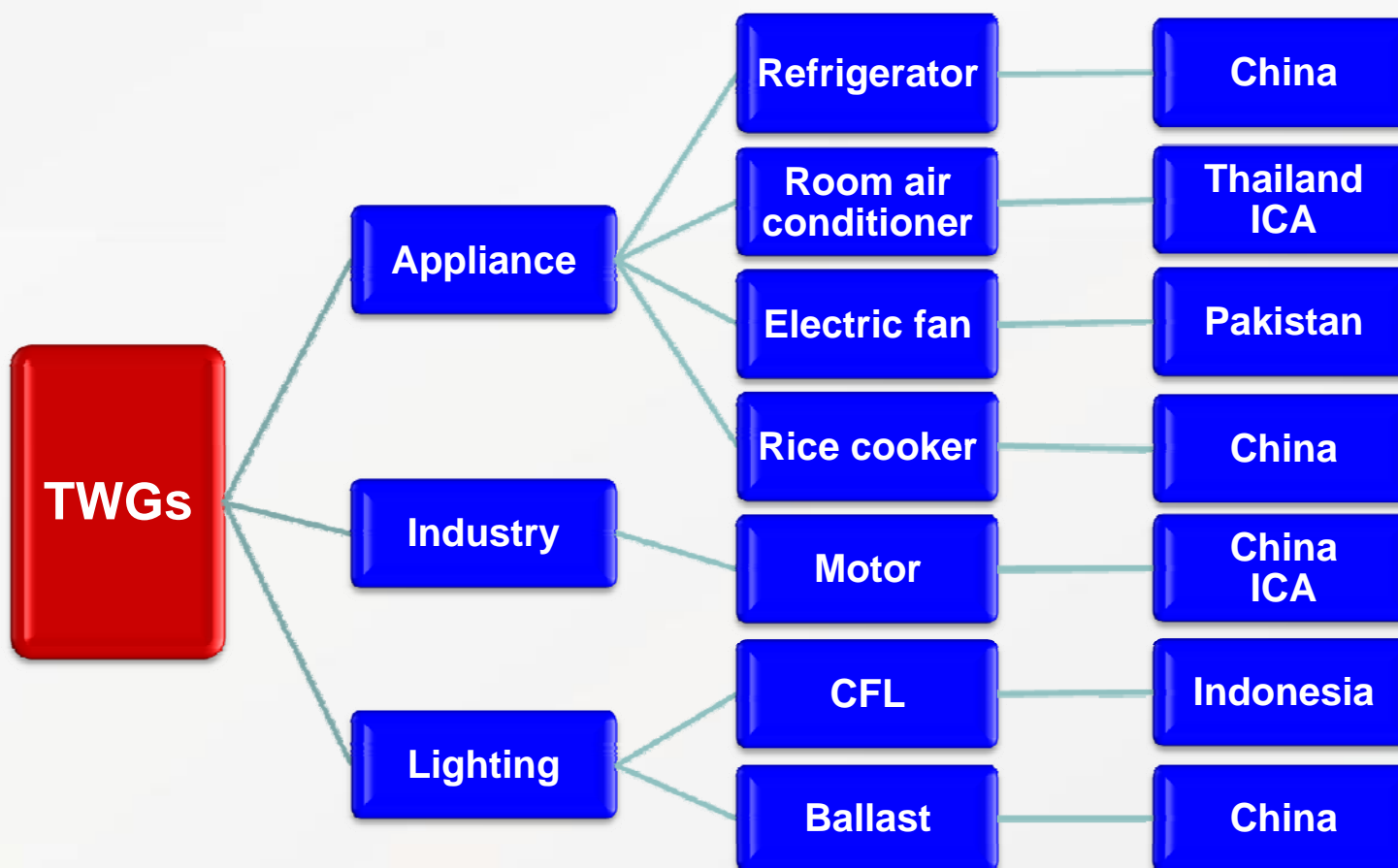


KEY ACTIVITIES

TWGs

- Feasibility study;
- Develop testing protocol, EE criteria and/or labeling procedures if needed;
- Support regional initiatives.

KEY ACTIVITIES



KEY ACTIVITIES

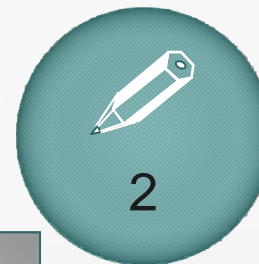
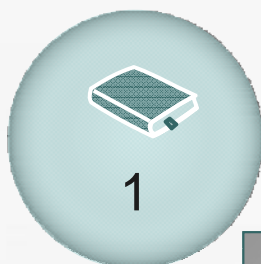
REESLN:

- Develop and promote cost-effective adoption of EES&L;
- Share the resources and achievement;
- Facilitate and enhance the regional cooperation and harmonization of EES&L programmes.

KEY ACTIVITIES

INFORMATION SHARING PLATFORM :

- Policy , project and program;
- products, tool-package.



TECHNICAL ASSISTANCE HELP-DESK:

- Provision of technical support materials;
- Sharing of experts;
- Assistance in developing EES&L programs.



TRAINING CENTRE:

- Develop and conduct specific training courses;
- Host regular training, training-trainer programs;
- Accreditation training for professional.



HARMONIZATION INITIATIVE HARBOR:

- Enhancing cooperation;
- Facilitate regional harmonization.





GEF/IFC Efficient Lighting Initiative (ELI)

A Commitment to Quality



A SOLUTION FOR POOR QUALITY

- ❑ ELI is a voluntary quality certification and labeling programme which initiated by IFC and GEF;
- ❑ By identifying products with *long life + good performance + high energy efficiency*, ELI helps market aggregators (utilities, governments etc) reduce energy demand;
- ❑ ELI focuses on developing countries and transition economies.



ELI HAS A HISTORY OF SUCCESS

ELI was initiated by the International Finance Corporation (IFC) with funding from the Global Environment Facility (GEF) in 2000.

ELI operated in 7 countries worldwide , including Argentina, Philippines, Peru, South Africa, Latvia, Hungary, Czech Republic, in phase 1 from 2000 to 2003.

In 2005, China Standards Certification Center (CSC) was chosen by IFC to administer ELI Quality Certification Institute.

In 2010, ELI was integrated with China Quality Mark Certification Group (CQM) which is the oldest and top level certification body with 29 local branches in China.



How Does ELI Work

- ❑ ELI specifications are developed through an open and transparent process with a round of public comments;
- ❑ ELI offers voluntary performance specifications that identify the top 20% most energy efficient products in each class;
- ❑ Manufacturers are invited to certify their products;
- ❑ ELI does not offer minimum standards but governments are welcome to adopt ELI specifications for regulatory use or adopt ELI testing procedure .



ELI CERTIFICATION PROGRAMS





ELI CERTIFICATION SCHEME

- ❑ **Product Testing** (ELI recognized testing lab's reports are accepted);
- ❑ **Documents and Data Examination** (the manufacturer need to submit application with relevant quality management documents and data);
- ❑ **Supervision** after the issuing of certificate.



INTERNATIONAL HARMONIZATION

- ❑ ELI is very keen to initiate the international cooperation and harmonization;
- ❑ Harmonize test procedures and performance specifications.
- ❑ Mutual recognition agreements --- Seeking opportunity of mutual-recognition between the ELI label and other existing labels;
- ❑ ELI seeks opportunities to cooperate and harmonize but not compete with other voluntary labeling programmes;
- ❑ ELI particularly seeks opportunities to introduce the ELI quality mark in developing countries where no other energy efficiency mark exists and where one or more local organizations express a strong interest in promoting high energy efficient lighting.



ELI SEEKS PARTNERSHIP WORLD WIDELY

- ❑ Accredited testing laboratories are needed to test products;
- ❑ Certification partners could localize the certification programme;
- ❑ Government agencies, utilities and bulk procurement bodies could specify and procure ELI labeled products to help build markets;
- ❑ Manufacturers and suppliers distinguish their products by carrying ELI logo;
- ❑ Importers and retailers could use ELI specifications to control product quality.



ACHIEVEMENT

- ❑ ELI certification program has been fully established with all associated technical specifications, certification protocol and operation procedures in place;
- ❑ ELI team provides consultation service to more than **100 lighting manufactures and market players** regarding the certification programme;
- ❑ **20 manufacturers with 479 models** have been certified by ELI;
- ❑ **6 manufacturers with more than 60 models** are under the application and testing process;
- ❑ Bulk procurement buyers refer to ELI as a basis for their procurement which are located in Australia, India, Indonesia, Mauritius, Nepal, Rwanda, South Africa, Syria, Vietnam, Uganda, Uruguay, etc.



ACHIEVEMENT

- ❑ The Asia Pacific Forum for Environment and Development (APFED) awarded ELI Quality Certification Institute for best practice in the Promotion of Energy Efficient and Sustainable Lighting;
- ❑ The Australian Government adopts ELI certification result as one of its market access requirements in the phase-out incandescent lamps program;
- ❑ ELI was and will be present at major energy efficiency related events in the Asia, Latin America and Africa;
- ❑ ELI works with international partners to promote international harmonization and phase-out incandescent lamps.



RECOMMENDATIONS

- ❑ Strengthen regional cooperation on EES&L for lighting products:
 - Provide technical assistance to the countries in developing the EES&L programs;
 - Share resources, achievements and best practices;
 - Provide expert trainings and scale up information dissemination;
 - Seeking funding form potential donors.
- ❑ Enhance harmonization and bilateral and/or multilateral mutual-recognition of testing protocols, performance criteria and labeling procedures for lighting products.



Thanks!

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