



SEAD & CLASP project update


APEC EGEE&C
Mar 2017, Jeju



- **SEAD**

- ACC
- Awards
- QPL
- SPEx
- Product testing and test lab cost

- **CLASP**

- APEC ESIS S&L database
 - Guidebook revision
- 

Advanced Cooling Challenge - ACC

- A global campaign that encourages and supports governments and industry to develop and deploy at scale super-efficient, smart, climate-friendly, and affordable cooling technologies that are critical for prosperous and healthy societies.
- Founding partners: Canada, Chile, China, US, India, and Saudi Arabia
- Participants: governments, industry/manufacturers, institutes, NGOs,
- Commitments: develop supportive policies, funding, R&D in refrigerants and EE, deployment, etc.



Advanced Cooling Challenge - ACC

- Global AC Market Tracker (ACMT) : it collects data from online retailers and public available registration databases around the world, then shares with global policymakers for better informed decision making.
- It's a tool that links different stakeholders. More features could be developed.
- Will be ready for publish by mid-June 2017

- AC Challenge website:
www.cleanenergyministerial.org/Our-Work/Campaigns/AC-Challenge

- **Industrial and Street Lighting products**
- Nomination period closed February 12. Total Nominations received: 18 Industrial Lighting. 8 Outdoor Lighting.
- Verification testing currently underway.
- Winners to be announced at 8th Clean Energy Ministerial (Beijing June 6-8)
- www.superefficient.org/Global-Efficiency-Medal/Lighting-Awards

- **Connected Device Protocol Recognition Award**, will recognize energy efficient communications protocols
- Developed by [SEAD](#), [IEA 4E-EDNA](#) and [CDA](#), and to be announced at 8th Clean Energy Ministerial
- Draft Rules going through review and consultation process.

Qualified Product List - QPL

- <https://aimp2.apec.org/sites/PDB/Lists/Proposals/DispForm.aspx?ID=1865>

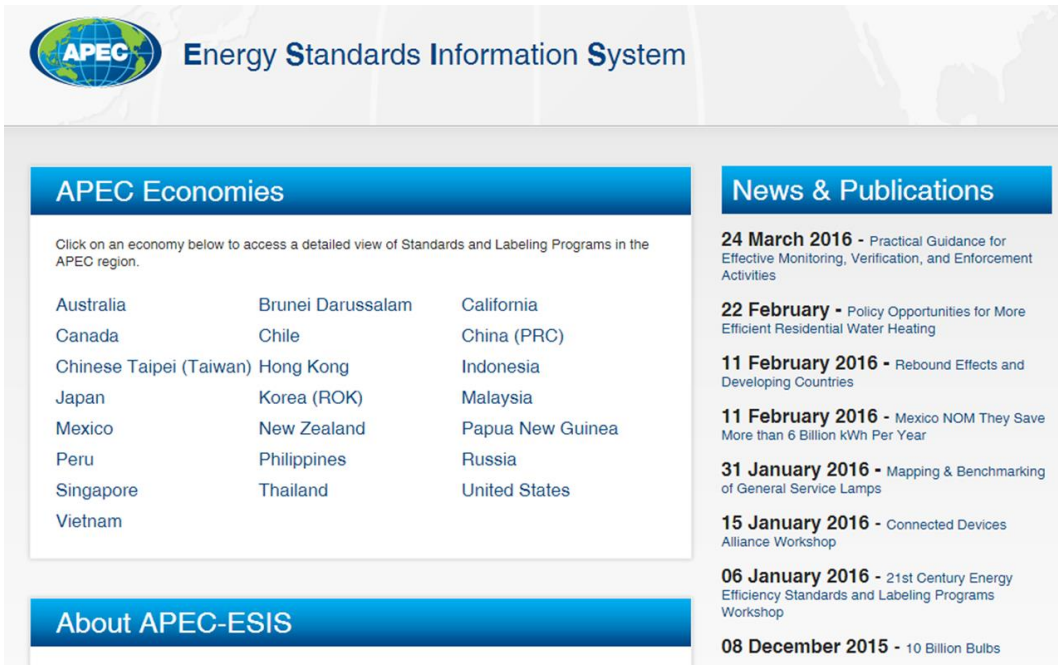
SEAD Policy Exchange Forum

- As part of the G20 EELP Product Best Practice Policy Exchange Series, we will continue to collaborate with IEA-4E and other partners to host three SPEx webinars this year.
- Tentative topics and dates are as follows:
 - Early April – Climate Goals and High Efficiency ACs with Low-GWP refrigerants;
 - Early June – Performances Standards Approaches: Realities of Harmonization;
 - Mid-September – Communications for Labelling
- Topics are not finalized – open to alternative ideas
- Detailed information on SPEx will be available on the SEAD website:
www.superefficient.org/About-Us/Policy-Exchange-Forum

Cost of setting up/running labs and testing products

- Scope
 - Conduct research costs in SEAD member (and other) countries
 - Cover products from residential, commercial, industrial sectors
- Budget:
 - Around \$40,000 from SEAD budget

- APEC ESIS: <http://www.apec-esis.org/>
- From CLASP website: http://clasp.ngo/ResourcesTools/Tools/SL_Search



APEC Energy Standards Information System

APEC Economies

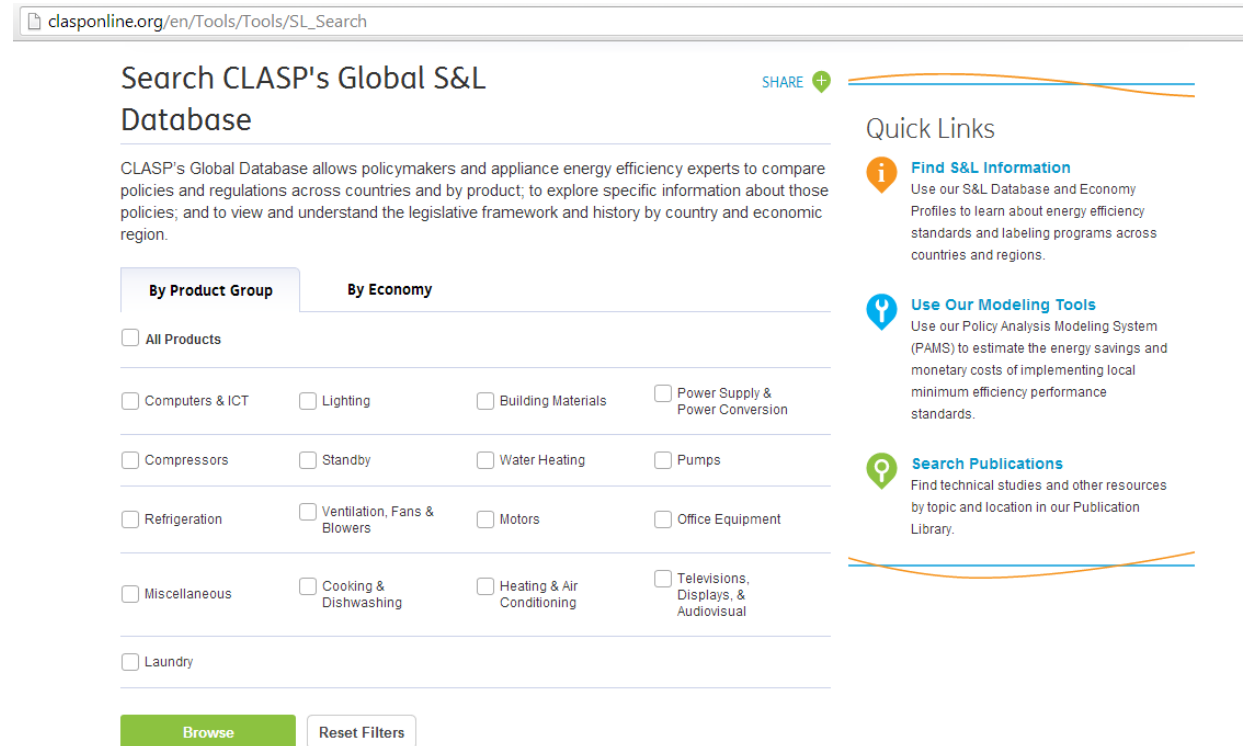
Click on an economy below to access a detailed view of Standards and Labeling Programs in the APEC region.

Australia	Brunei Darussalam	California
Canada	Chile	China (PRC)
Chinese Taipei (Taiwan)	Hong Kong	Indonesia
Japan	Korea (ROK)	Malaysia
Mexico	New Zealand	Papua New Guinea
Peru	Philippines	Russia
Singapore	Thailand	United States
Vietnam		

News & Publications

- 24 March 2016** - Practical Guidance for Effective Monitoring, Verification, and Enforcement Activities
- 22 February** - Policy Opportunities for More Efficient Residential Water Heating
- 11 February 2016** - Rebound Effects and Developing Countries
- 11 February 2016** - Mexico NOM They Save More than 6 Billion kWh Per Year
- 31 January 2016** - Mapping & Benchmarking of General Service Lamps
- 15 January 2016** - Connected Devices Alliance Workshop
- 06 January 2016** - 21st Century Energy Efficiency Standards and Labeling Programs Workshop
- 08 December 2015** - 10 Billion Bulbs

About APEC-ESIS



clasponline.org/en/Tools/Tools/SL_Search

Search CLASP's Global S&L Database

CLASP's Global Database allows policymakers and appliance energy efficiency experts to compare policies and regulations across countries and by product; to explore specific information about those policies; and to view and understand the legislative framework and history by country and economic region.

By Product Group | **By Economy**

- All Products
- Computers & ICT
- Compressors
- Refrigeration
- Miscellaneous
- Laundry
- Lighting
- Standby
- Ventilation, Fans & Blowers
- Cooking & Dishwashing
- Building Materials
- Water Heating
- Heating & Air Conditioning
- Power Supply & Power Conversion
- Pumps
- Motors
- Office Equipment
- Televisions, Displays, & Audiovisual

Browse **Reset Filters**

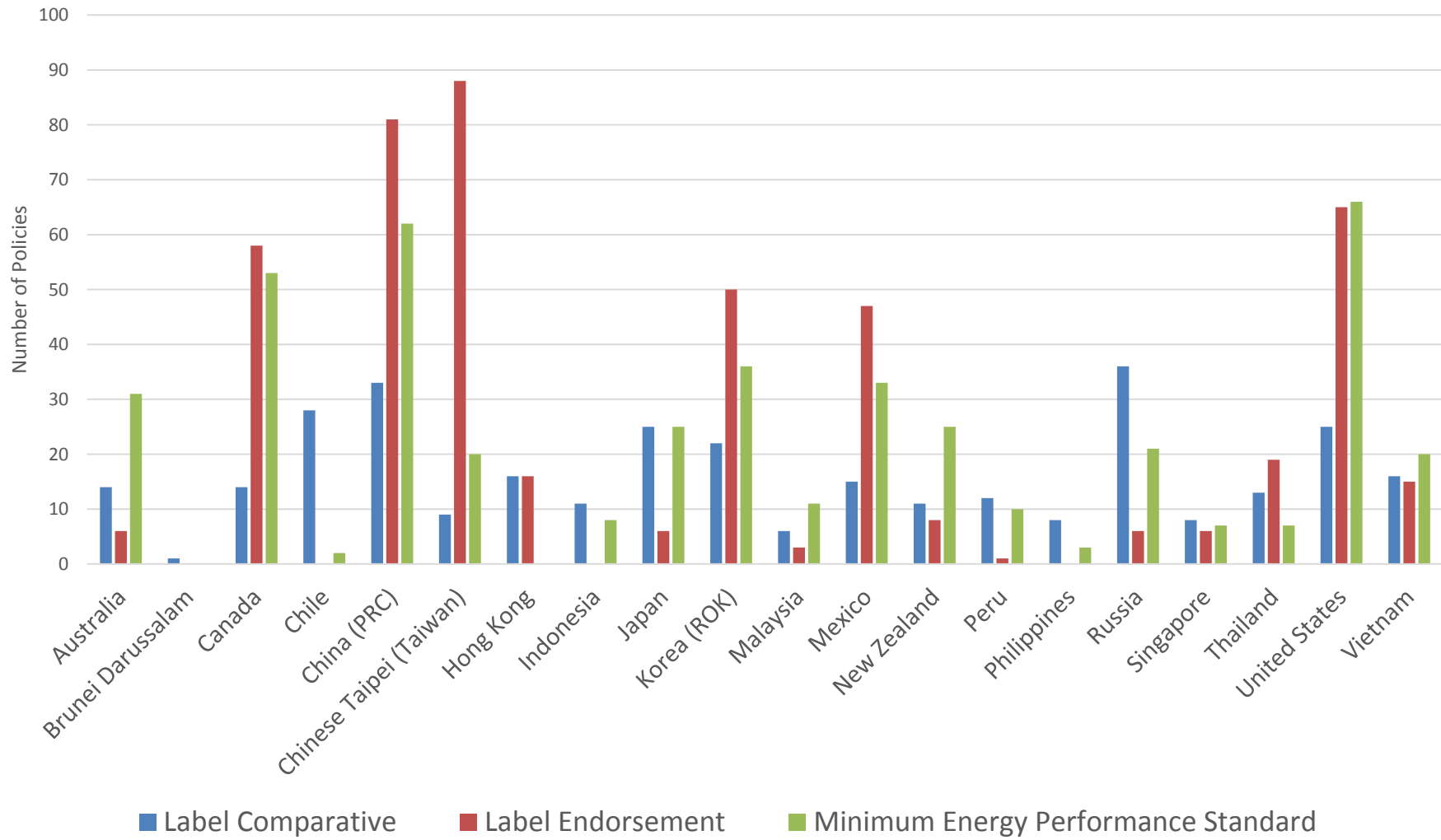
Quick Links

- Find S&L Information**
Use our S&L Database and Economy Profiles to learn about energy efficiency standards and labeling programs across countries and regions.
- Use Our Modeling Tools**
Use our Policy Analysis Modeling System (PAMS) to estimate the energy savings and monetary costs of implementing local minimum efficiency performance standards.
- Search Publications**
Find technical studies and other resources by topic and location in our Publication Library.

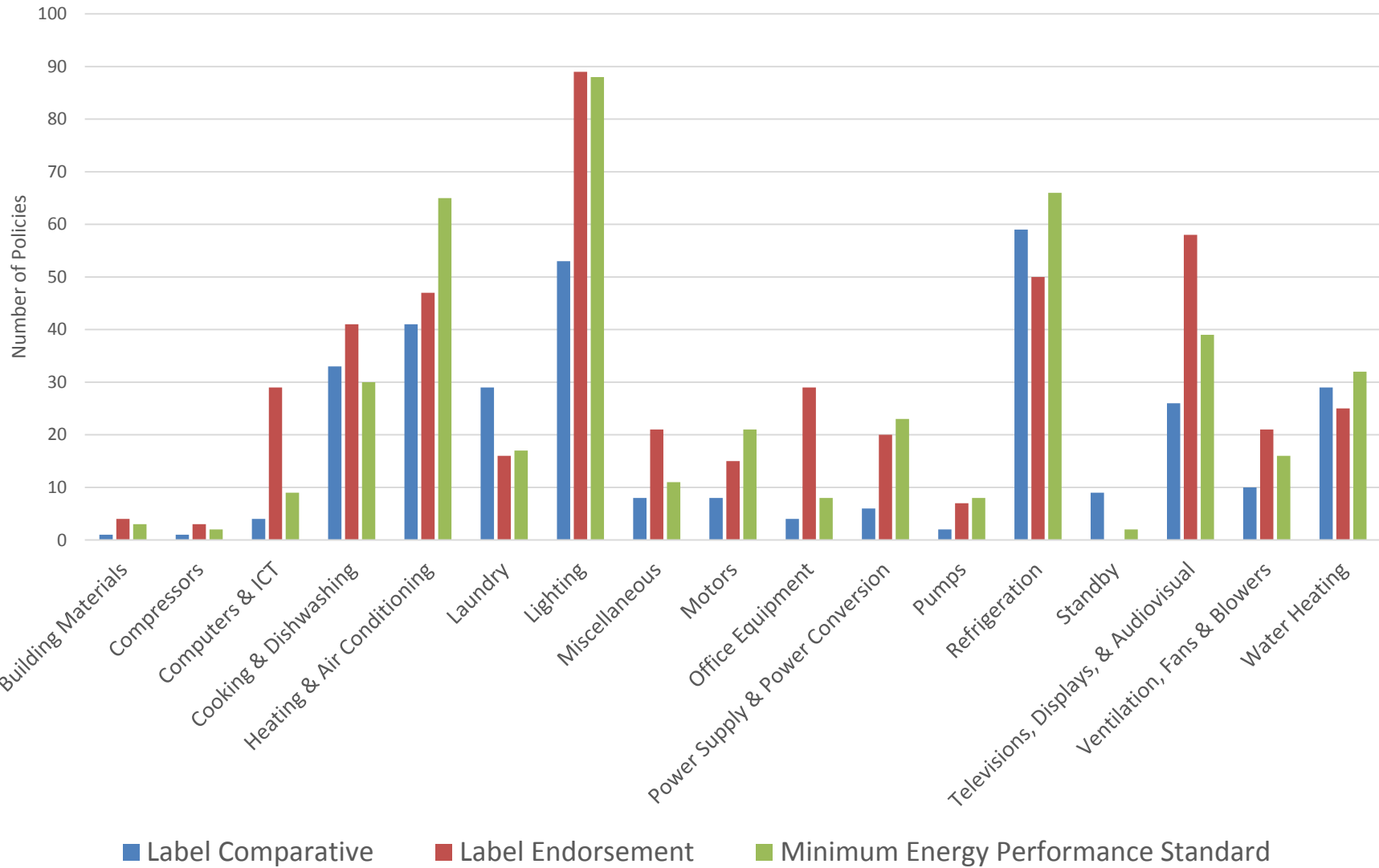
Standard & Labeling Programs Database - S&L DB

- Allows policy makers and S&L practitioners to compare policies and regulations across countries and by product
- Includes **61 economies** and **three** regional associations (APEC, SEAD, and the South Pacific Community)
- Covers **17 product** categories of appliances, equipment and lighting
 - Sectors include residential, commercial, industrial or multi-sector
- Distinguishes policy types, policy status, and effective dates of implementation
 - Policy types include MEPS, Endorsement label, Comparative label, and Codes of Conduct
- Links to (partly):
 - Implementing Organization
 - Policy or legislation document or website

Standard & Labeling Programs Database - S&L DB



Standard & Labeling Programs Database - S&L DB



- In the process of developing a new user interface to make improve search functionality
- Data for all countries will be updated by June 2017

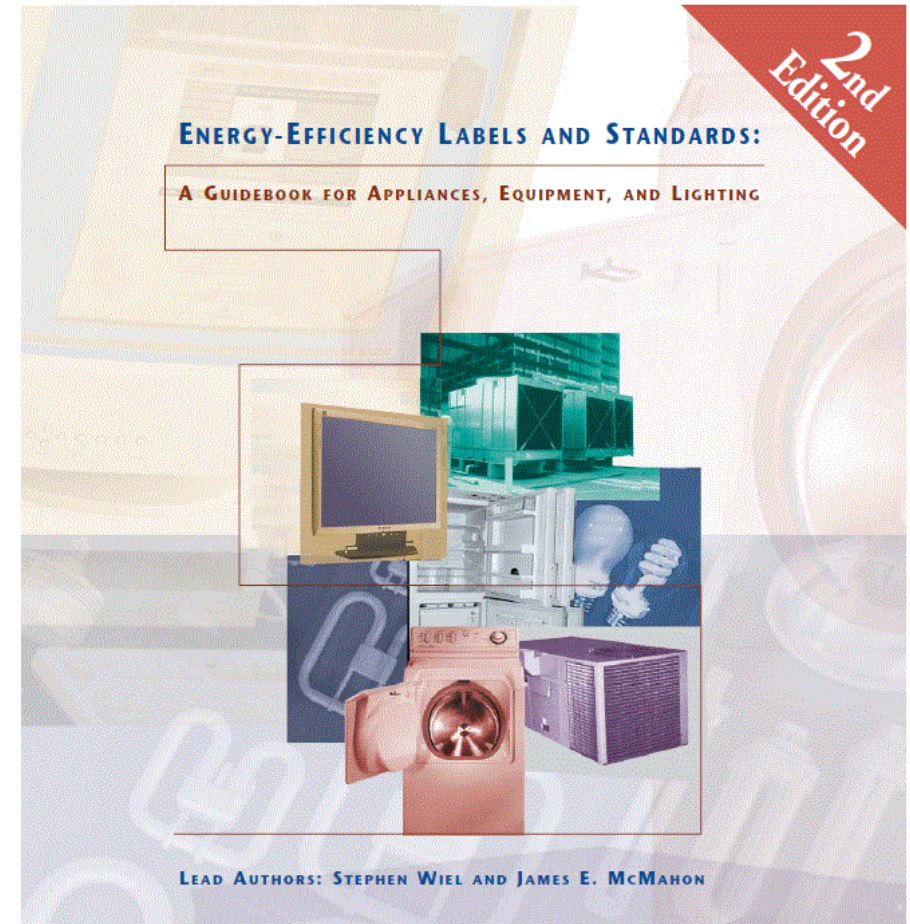
- **Challenge: short of funding**



- Currently: 2nd Edition, published in 2006

***Energy Efficiency Labels and Standards:
A Guidebook for Appliances, Equipment,
and Lighting***

S&L Guidebook revision



- CLASP is in the process of revising the guidebook (expect to publish in early 2018) to reflect the evolvement in the field, including:
 - *Digitalization of labeling*
 - *Online product registries*
 - *Using fees to support labeling programs*
 - *Regional harmonization*
 - *Network connectivity*
- How APEC can contribute:
 - Financial contribution
 - In-kind contributions
 - Country specific case studies
 - Review
 - Dissemination

Summary of follow ups

CLASP, on behalf of SEAD and APEC ESIS, will reach out to you on the following topics:

- 1. Advanced Cooling Challenge:** showcase your economies efforts towards a more efficient and environmental friendly cooling market;
- 2. S&L Database:** your support of updating the S&L program database, i.e. send a summary of changes in S&L of your own economy. Funding support through APEC ESIS is welcome too;
- 3. S&L Guidebook:** your review makes sure that the concerns and interests you have are reflected in the new edition;
- 4. QPL workshop:** if you need it, or interested in it, or want to be part of it, being whatever role you could think of, please let us know.

If you are not the perfect contact for these requests, please forward the message to those who are, and connect CLASP with them.

Your contribution is appreciated.

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Thank you

SEAD: www.superefficient.org

CLASP: www.clasp.ngo

QPL: <https://aimp2.apec.org/sites/PDB/Lists/Proposals/DispForm.aspx?ID=1865>

ACC: www.cleanenergyministerial.org/Our-Work/Campaigns/AC-Challenge

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