MARKET COMPLIANCE MECHANISMS FOR ENERGY EFFICIENCY PROGRAMS IN APEC ECONOMIES

2011-12 APEC ECEE&C PROJECT

Survey of Energy Efficiency Market Compliance Strategies

Publish a report on the results

Conduct Workshop on Best Practice





HINESE TAID!

BACKGROUND TO THE APEC PROJECT

2008	IEA International Conference, Paris: "Meeting Energy Efficiency Goals: Enhancing Compliance, Monitoring and Evaluation"
2009/10	Survey of EU Member States
2010	Survey of G20 countries +Tunisia & Chile
2010	Compliance Counts: A Practitioner's Guidebook on Best Practice Monitoring, Verification, and Enforcement for Appliance Standards & Labeling
2010	IEA Policy Pathways
2010	4E London Conference "Saving More Energy Through Compliance"
2011/12	Survey of APEC economies
2012	APEC Workshop, Beijing

SURVEY



Survey of Market
Compliance Mechanisms for
Energy Efficiency Programs
in APEC economies

APEC ENERGY WORKING GROUP

APEC ENERGY EFFICIENCY &

CONSERVATION

MAY 2012

Survey Report Covers:

- Context, Methodology, Best Practice
- Summaries of compliance regimes by economy (18)
- Survey findings across all participating APEC economies
- Comparison with previous surveys in other regions
- Conclusions & observations
- Recommendations
- Available from APEC (APEC#212-RE-01.2) http://publications.apec.org/publicationdetail.php?pub_id=1285
- Summary also produced

APEC S&L PROGRAMS

Characteristics	
APEC Economies with S&L energy efficiency programs	18
Energy labelling programs	32
Minimum Energy Performance Standards	16
Longest running program	USA (1978)
Youngest	Vietnam/Indonesia (under development
Largest coverage	50+ (USA/China)
Smallest product coverage	≤3 (several)

CONSUMER INFORMATION IN APEC









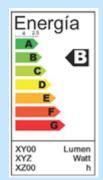






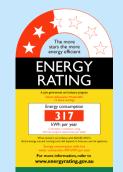






































CHARACTERISTICS OF APEC REGION

- Large variation scale and experience in S&L programs across APEC region
- Evolution: Lots of programs expanding scope, starting, improving
- Region includes some of largest global suppliers of electrical appliances and equipment
- Also some major importer economies

Considerable opportunity to develop regional initiatives to transfer knowledge and experience amongst economies

RECOMMENDATIONS

- 8 Key areas of recommendations covering:
 - Awareness Raising
 - Planning and Resources
 - Operational Guidelines
 - Communication
 - Access to Competent Laboratories
 - Verification Testing
 - Industry Engagement
 - Regional Network
- Many practical projects discussed at the workshop

APEC COMPLIANCE SURVEY WORKSHOP BEIJING 14-15 JUNE 2012



GREAT SUPPORT FROM SPONSORS





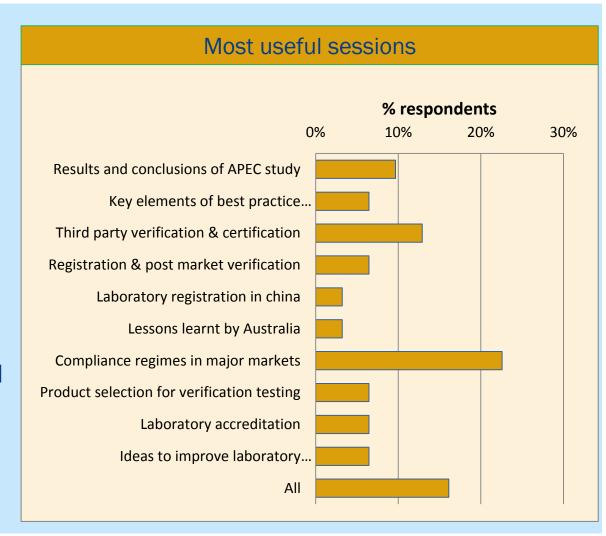






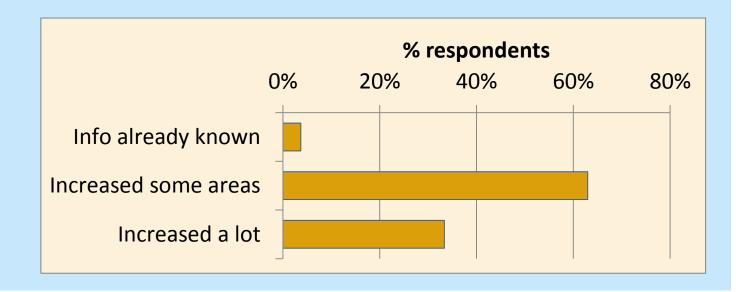
WORKSHOP OVERVIEW

- 80 participants from 13 APEC economies
- Governments, manufacturers, test authorities & NGOs
- Day 1 focused on discussions amongst governments
- Day 2 was designed to encourage dialogue between governments and industry
- 22 separate sessions



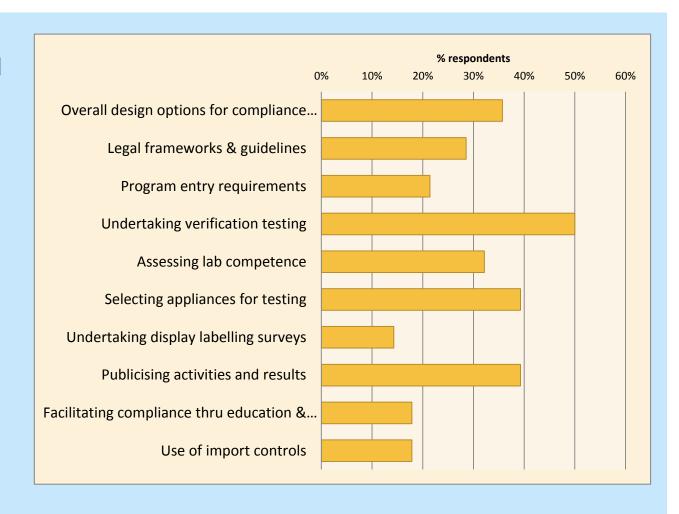
FEEDBACK FROM PARTICIPANTS

- 93% said the workshop had met their expectations
- 96% said the workshop had improved their understanding of compliance issues
- 33% said that their understanding had been improve by a large amount
- An overall endorsement of the event's success!



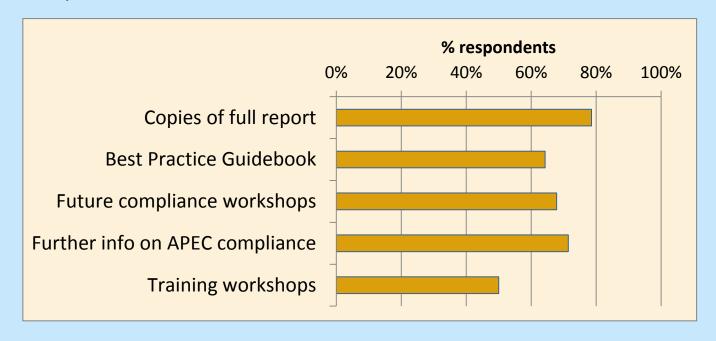
TOPICS OF FURTHER INTEREST

- Time was limited and a lot covered
- Participants were interested to learn more about a range of topics



SUPPORT FOR FOLLOW-UP ACTION

80% supported follow-up action



All Reports, Agendas and Presentations publicly available on:

<u>http://www.clasponline.org/en/ResourcesTools/Resources/SLHeadlines/APE</u>
<u>C-Compliance-Workshop</u>

WORKSHOP CONCLUSIONS

Policy makers acknowledged that there is no "one size fits all" approach for achieving higher rates of compliance.

However, many expressed commitments to the following recommendations that emerged from the workshop:

- Making risks of non-compliance obvious to stakeholders through increased communication & raising the profile of MV&E;
- Using cooperative and creative approaches in to minimize the cost of testing (e.g. mutual recognition of test reports);
- Engaging with industry participants to develop effective MV&E approaches (e.g. industry certification schemes;
- Developing a regional MV&E network, similar to Europe's model, through the APEC EGEE&C working group or other regional bodies.