



International Copper
Association
Copper Alliance

EXPERIENCES ON THE REGIONAL HARMONIZATION OF STANDARDS IN THE ASEAN AND REPLICATING IN OTHER REGIONS

By Steve Kukoda, Vice-President, International Copper Association

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United for Efficiency (U4E) Public Private Partnership

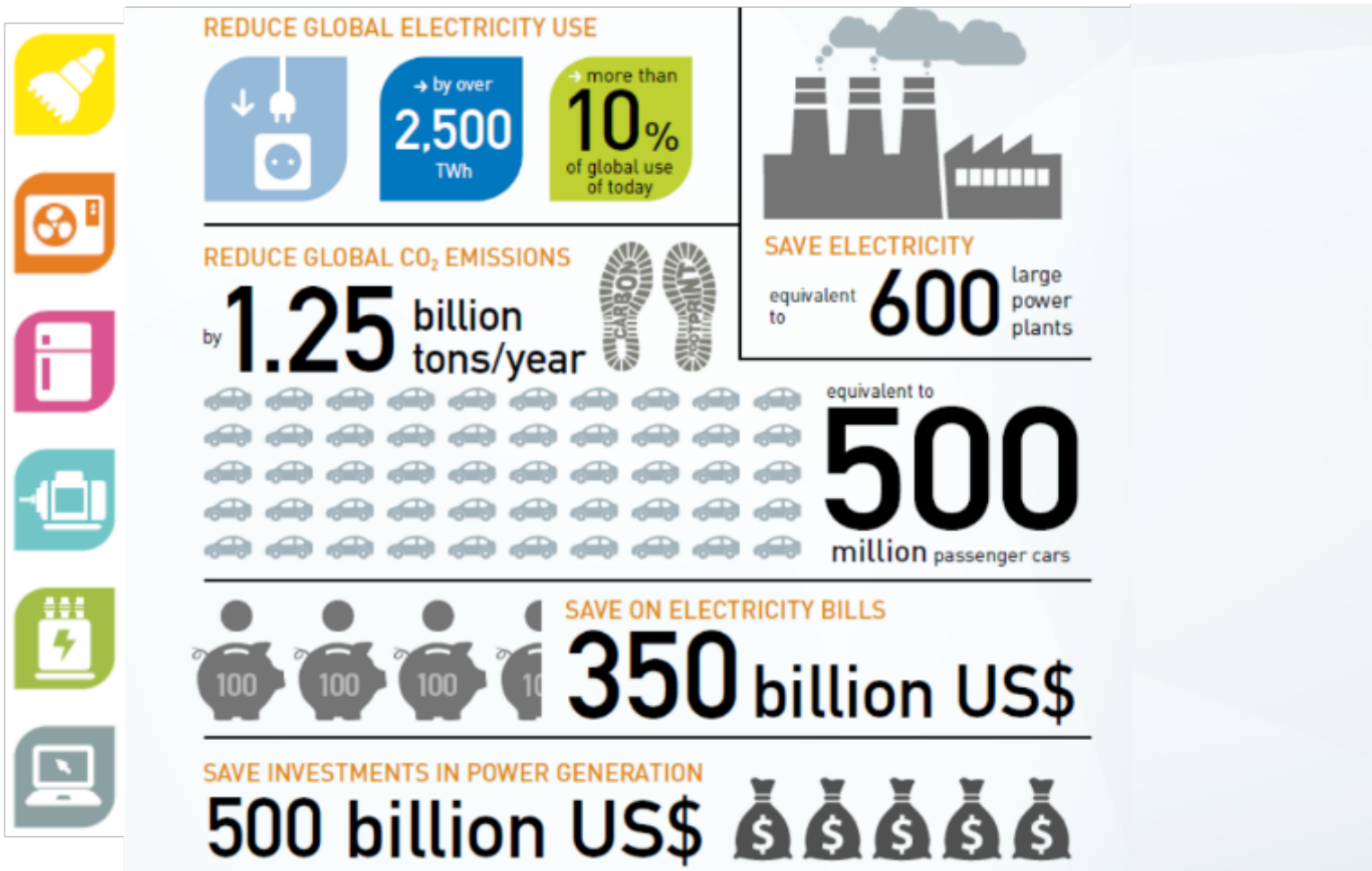
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- Public Private Partnership founded by UNEP, UNDP, CLASP, NRDC and ICA
- Supports UN Sustainable Energy For All (SE4ALL) initiative goal of “doubling the rate of improvement in energy efficiency”
 - Energy efficiency provides at least half of the actions needed to meet the Paris agreement



United for Efficiency (U4E) Potential Savings from Efficient Appliances

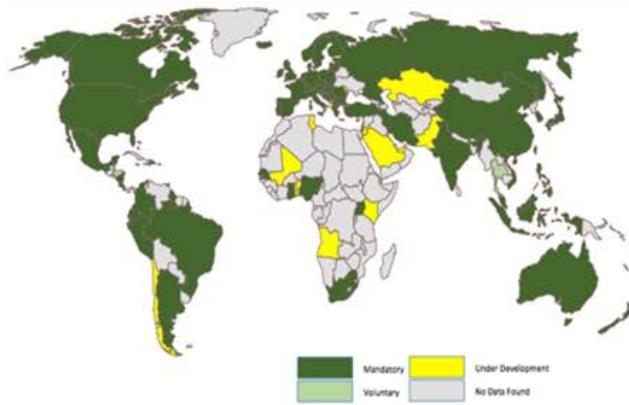
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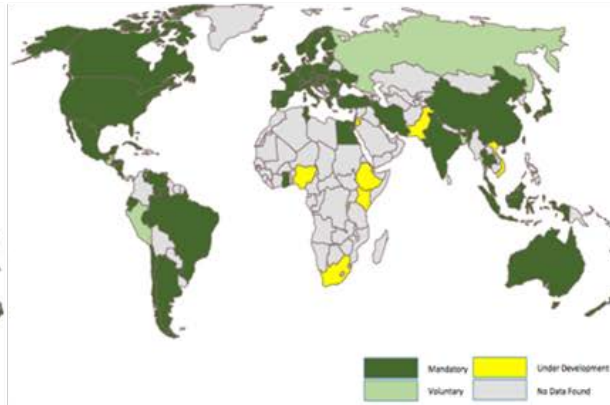
Global MEPS Status

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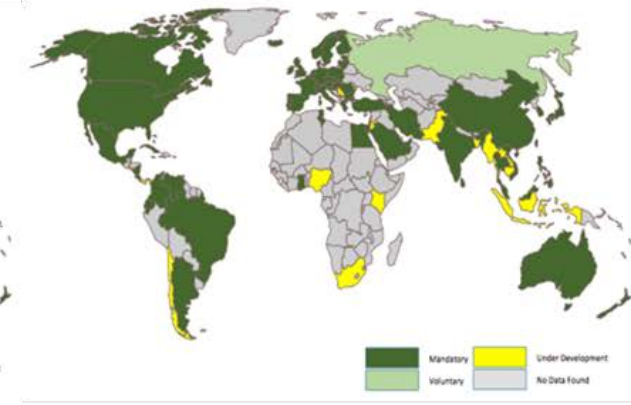
Lighting



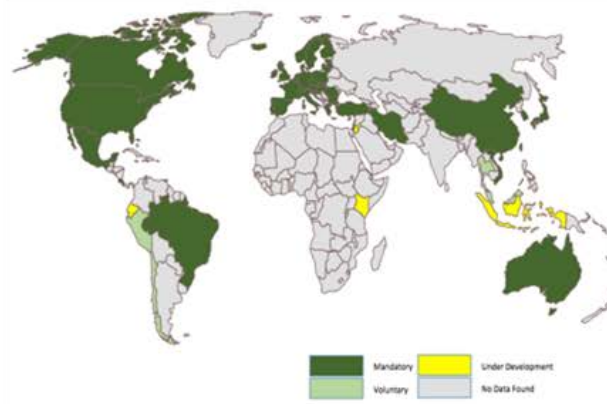
Refrigerators



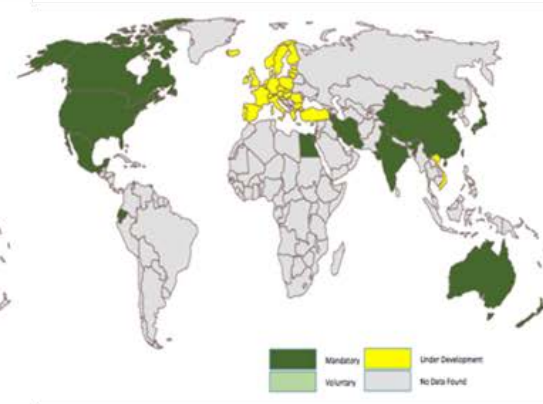
Air Conditioners



Motors



Transformers



United for Efficiency (U4E) Integrated Policy Approach

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United for Efficiency (U4E) Support to Policymakers

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Level 1

150 Country Assessments

6 Policy Guides

30 Lighting documents

Other tools & resources

www.united4efficiency.org



Level 2

Regional Market Assessment

Regional Policy Roadmap

Regional Harmonisation

Regional Training for
Policymaker; Practitioner



Level 3

National Action Plan

Help develop funding
proposal

Technical assistance with
implementation

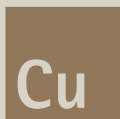
Images Source: Google Maps

EXPERIENCES ON THE REGIONAL HARMONIZATION OF STANDARDS IN THE ASEAN AND REPLICATING IN OTHER REGIONS

- Introduction to ASEAN SHINE (a U4E Initiative), by Pierre Cazelles, Director Partnerships Asia – International Copper Association
- ASEAN SHINE: process for the regional harmonization of standards for air conditioners in ASEAN – lessons learned, by Dr. Chin Wai Meng, Daikin
- ASEAN SHINE – Lighting Chapter: a successful approach to promoting efficient lighting through regional harmonization, by Jean-Marc Alexandre, U4E Lighting Program Manager, UNEP

Thank you

For more information please contact
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Makes the World Work Better.