Scaling up Public-Private Partnerships for Energy Efficiency Implementation

Steve Kukoda, Asia Clean Energy Forum, 07 June 2016



Public-Private Partnerships: Multiple Benefits



- Together, we can do much more than we can apart
 - Inherently, a primary benefit of a trade association
- Leverage combined resources to achieve scale
 - Products, geographies, impact
- Shared experience and expertise
 - Enables a more complete offering and potential for "one-stop shopping"
- Inspires confidence from targeted audiences
 - Alignment among multiple partner types creates less-commercial perception
- All the above facilitates co-financing
- PPPs critical to needed scale-up of global efforts on EE

50% of Savings We Need to Keep the 2°C Climate Goal Alive Can Be Achieved With Energy Efficiency









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Image: Columbia Sportswear Company, Santiago de Chile (2009)

Figures: IEA WEO Special Report 'Redrawing the Energy-Climate Map' 2013







Efficient Appliances & Equipment – taking the en.lighten approach to the next *low-hanging fruits*



en.lighten

- The Programme aims to join forces with private and public sector ٠ to expand the enlighten approach to the next high impact opportunities,
- Supporting the second goal of the Secretary General's SE4ALL initiative: double the global rate of improvement in energy efficiency
- The enlighten and U4E initiatives form part of the **SE4ALL Energy** • Efficiency Accelerators on Lighting and Appliances & Equipment





In support of

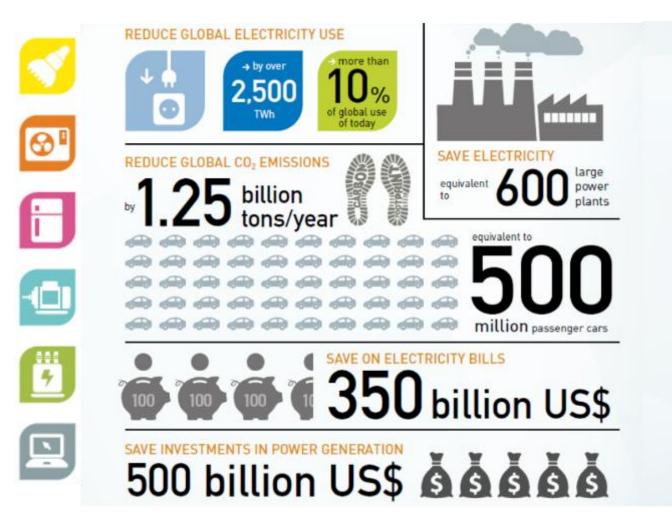








The Potential of Improving Energy Efficiency in the Top 6 High-consuming Products



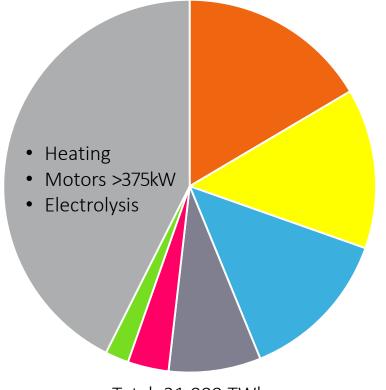




Source: UNEP, 2014 (estimated annual figures for 2030)

Global Consumption of Electrical Products in 2030

Global Electricity Consumption in 2030 – Business as Usual



Total: 31,000 TWh



Air-conditioners

Lighting



Electric motors (0.75-375kW; excluding AC & refrigerators)

Information technology



Refrigerators

Transformers

 Σ 56% of global electricity use





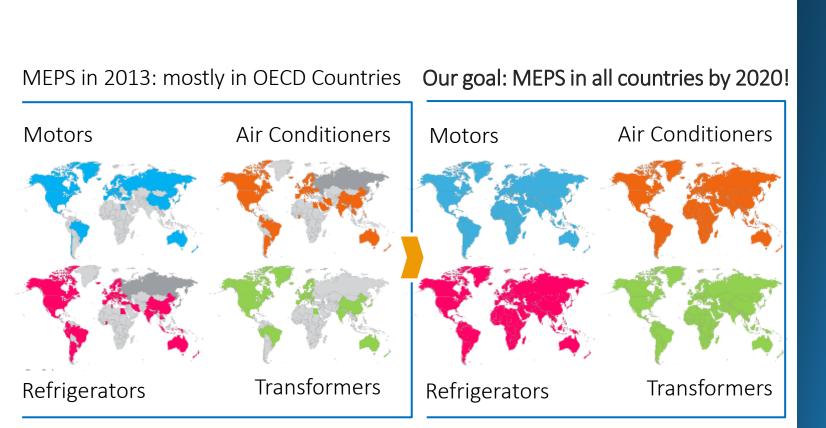












Most Developing Countries Do Not Have Policies in Place Today to Leapfrog to Efficient Products















Source: UNEP, 2014

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PPP Benefits: Focusing on the "Private"

Partnership Benefits: International Copper Association



- Leverage resources from other organizations where missions align
 - Energy efficiency programs largest investment for ICA
- Demonstrate copper's (and copper industry's) critical role in energy efficiency and its benefits
 - The best conductor is essential to the technologies/trends that are critical: efficiency, renewables, electric vehicles, higher quality of life
- More efficient products require more copper
- Image value for ICA and its members

Partnership Benefits, Manufacturing Sector: Economic/Strategic



- Open new markets and expand existing ones for most-efficient products
 - Often more expensive and more profitable
- Increased competitiveness from minimum energy performance standards (MEPS): manufacturers of inefficient products excluded from markets
- Regionally harmonized MEPS facilitates trade and reduces compliance costs
- Create awareness among consumers in an effective, non-commercial way that would not be possible by any manufacturing entity on its own
- Seat at the table in global discussions
- Address CSR in profitable way

Partnership Benefits, Manufacturing Sector: Branding/Image



- Increase visibility of their brands globally through opening and expansion of geographic markets
- Demonstrate positive impact on one of society's greatest challenges: climate change
- Make use of U4E brand and supporting materials

Partnership Benefits, Manufacturing Sector: Branding/Image





Partnering with UNEP to show the way towards more efficient appliances.

Electrolux joins U4E to promote highefficiency appliances

The International Energy Agency's 2012 Energy Outlook report confirms energy efficiency can provide as much as 50% of the abatement the world needs to keep climate change to two degrees. As a manufacturer, our challenge is to meet the growing need for our products by deploying energyefficient technologies affordably.

This requires policy frameworks and incentives across the globe, and joint efforts among companies, policy makers and organizations.

That's why Electrolux has joined United for Efficiency (U4E) a public-private partnership led by the United Nations Environment Programme. U4E helps governments in emerging markets develop and implement national and regional strategies for improved energy efficiency.

Electrolux is supporting the initiative with know-how, including data and insights into energy labelling, and how to effectively manage redundant appliances.

Thank you