# Accelerating the global transition to efficient lighting and appliances

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## **Energy Branch**

# **UNEP-GEF en.lighten initiative**

Accelerating the global transition to efficient lighting by building competence and political will



- Established in 2010
- Public-Private Partnership
- Global incandescent lamp phase-out by 2016
- 64 country partners
- 6 national/regional efficient lighting strategies covering 27 countries
- SE4ALL "Energy Efficiency Accelerator"











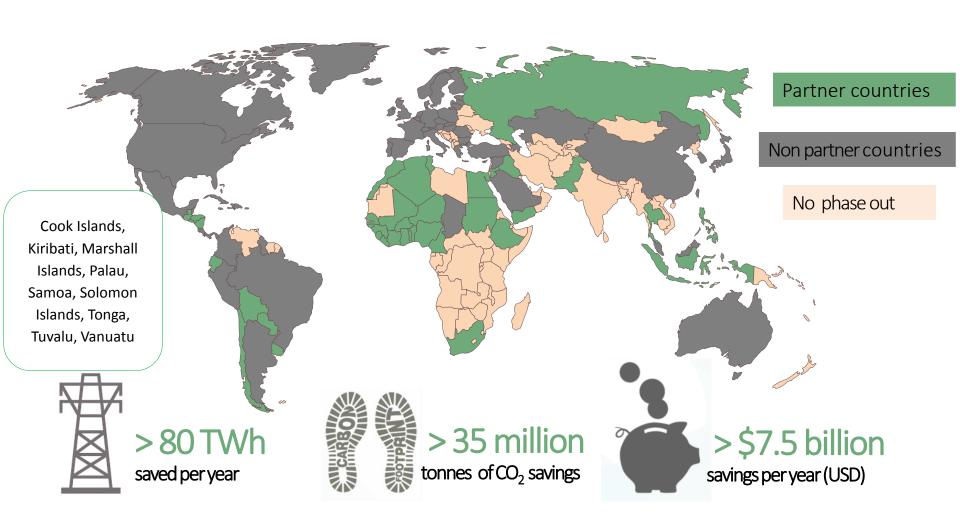






## **Energy Branch**

## **Global Impact**







### The Integrated Policy Approach

Harmonized minimum energy performance standards

#### **Supporting policies**

and mechanisms restricting supply of inefficient products and promoting demand for efficient ones



Global Market Transformation

## Monitoring, verification and enforcement

programmes discouraging distribution of non-compliant products

**Environmentally sound life-cycle management** 

electronic waste, ozone depleting substances and persistent organic pollutants







# efficient appliances & equipment

Global Partnership Programme

Meet Tomorrow's Energy Needs by Leapfrogging to Efficient Appliances & Equipment Today!







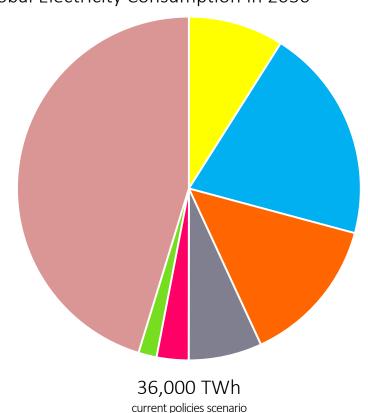






## Take action in the next high-impact opportunities

Global Electricity Consumption in 2030





Lighting continuing with LEDs & controls



Air conditioners



Refrigerators



Electric motors (excl. AC & refrigerators)



Transformers



Information technology

 $\Sigma$  >50% of global electricity





### Global Saving Potential of Moving to Efficient Appliances



Lighting



Air conditioners



Refrigerators



Electric motors



**Transformers** 



Information technology

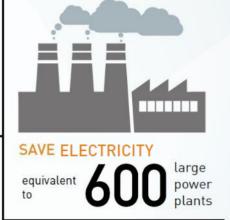


2,500 TWh

more than of global use











SAVE FUEL/YEAR 350 billion US\$