

### **Role of Financing in Advancing Energy Efficiency**

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# United for Efficiency – Leapfrogging to Energy-Efficient Lighting, Appliances and Equipment

- Launched United for Efficiency (U4E) in 2014 at the UN Secretary General's Climate Summit.
- Initiative contributes to Sustainable Development Goal 7.3



7. Ensure access to affordable, reliable, sustainable and modern energy for all7.3 By 2030, double the global rate of improvement in energy efficiency





The Programme combines the forces of the private and public sectors on high impact opportunities – lighting, appliances and equipment



### Tackle Products That Use >50% of Electricity



Sources: International Energy Agency; Lawrence Berkeley National Laboratory; UN Environment Method: Approximate savings in 2030 in emerging & developing economies if today's best available technologies are adopted \*Electric motors systems use over half of global electricity, some of which is accounted for in ACs and Refrigerators





**Saving Opportunities in The Gambia** 

\*Minimum Ambition Scenario \*\*High Ambition Scenario



### Saving Opportunities in The Gambia for Room Air Conditioners, and Residential Refrigerators



\*() indicates 2040 % demand is below the 2022 electricity consumption

Graph refers to the minimum and high ambition scenarios that had been assessed for the U4E Country Saving Assessments.

# **Role of MEPS & High-Performance Product Labels**

Overview





MEPS should ban all used imports and inefficient / high-GWP new products



### **National Project – Ghana (ECOFRIDGES)**



https://youtu.be/B8-Fo06RHaA



#### **ECOFRIDGES – Institutional Arrangements**



Figure 4: Schematic of the main stakeholder interactions for ECOFRIDGES GO in Ghana and R-COOL GO in Rwanda

#### **More information: Manual of Financing Mechanisms**



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