

United for Efficiency is a global effort supporting developing and emerging economies to move their markets to energy-efficient appliances and equipment.



NEWSLETTER 2020

YOUR QUARTERLY CONNECTION TO HIGH-EFFICIENCY PRODUCTS | Vol. 3, Issue 1

Welcome back to the U4E newsletter

United for Efficiency (U4E) has been busy through 2019 and 2020 working on projects to help developing and emerging economies as they implement policies and regulations to transition to energy-efficient lighting, appliances and equipment. During this time, the newsletter took a sabbatical, but we're pleased to be able to relaunch it to keep you up-to-date on current projects and activities. This coincides with a refresh to the look of the website and the start of a project to update content and add new pages – see more on this in the Resources section below and in coming issues of the newsletter.

News

Novel financing mechanisms as a means of overcoming the barrier often presented by financing for consumer investment in energy-efficient appliances have been the subject of several recently launched projects.



**ECOFRIDGES
GO** Green, Save Money

ECOWAS Refrigerators and Air Conditioners Initiative

(ECOFRIDGES), supported by U4E and the [Basel Agency for Sustainable Energy](#)

([BASE](#)) with funding from the

[Kigali Cooling Efficiency Program \(K-CEP\)](#), projects in Senegal and Ghana are working in partnership with a local utility company and local banks respectively to offer loans to consumers for energy-efficient air conditioners and refrigerators that are repaid through their [electricity bill in the case of Senegal](#) and directly from their [wage payment in the Ghana project](#).

A similar project in Rwanda, the [Rwanda Cooling Finance Initiative \(R-COOL FI\)](#), gives customers the chance to repay loans for energy-efficient cooling products via their electricity bills. R-COOL FI is implemented by the Rwanda Environment Management Authority, supported by U4E and the [Basel Agency for Sustainable Energy \(BASE\)](#) with funding from the [Kigali Cooling Efficiency Program \(K-CEP\)](#).

The results of a market assessment of cooling products in the East African Community (EAC) and Southern African Development Community (SADC) regions,



and recommendations from an associated draft technical note, were presented and discussed at a virtual workshop, hosted by [U4E](#), [EACREEE](#), [SACREEE](#) and [LBNL](#) this month. The market assessment and technical note represent two of the key outcomes of a joint project working to support the harmonization of MEPS on room air conditioners and residential refrigerators (cooling products) in the EAC and SADC regions.



In October 2020, Bolivia's Ministry of Energies and Ministry of Environment and Water formally announced the start of activities on their [Delivering the Transition to Energy Efficient Lighting](#) project. Supported by U4E,

with funding from the [Global Environment Facility](#), the project objective is to accelerate the transition to energy-efficient lighting technologies in Bolivia through the development of a national efficient lighting policy and practical innovative interventions that will ensure success of the transition.

Indonesia's ADLIGHT, [Advancing Indonesia's Lighting Market to High Efficient Technologies](#), project was officially launched in September 2020. This project aims to reduce electricity demand and related greenhouse gas emissions by promoting increased use of high efficiency lighting technologies through the transformation of the national market.



It is being implemented by the Ministry of Energy and Mineral Resources, Directorate General for New, Renewable Energy and Energy Conservation (MEMR/DGNREEC) in cooperation with UNDP

and UNEP and with the financial support of the [Global Environment Facility](#).



A new [African Centre of Excellence for Sustainable Cooling and Cold-chain](#) (ACES) based in Rwanda will help get food to markets quickly and efficiently and to reduce the estimated 30% of food produced for human

consumption which is lost due to poor post-harvest practices and handling. ACES is a collaboration of the Governments of Rwanda and the United Kingdom, U4E, the University of Birmingham and the Centre for Sustainable Cooling, and academics in both countries and is being implemented through the [Rwanda Cooling Initiative \(R-COOL\)](#), a joint U4E and Rwanda Environment Management Authority (REMA) programme.

Practical guides, toolkits, references, and how-to manuals were presented a recent [Green Climate Fund \(GCF\)](#) and United Nations Environment Programme webinar, [Scaling-up GCF Projects on Energy-Efficient and Climate Friendly Cooling](#), in August 2020 aimed at assisting National Designated Authorities (NDAs) and Accredited Entities (AEs) in the development of transformational GCF projects and programmes in this priority field. A summary report and a pdf version of the complete presentations are now available.



New Resources & Tools



A product registration system is a tool used to capture specific information on products to underpin policies or programmes, and to provide an initial compliance gateway for products entering the market. U4E now has a

comprehensive range of products to assist developing and emerging economies implement these systems. A [new dedicated product registration systems page on the U4E website](#) brings all these products together in one place, making accessing the guidance notes, software specifications and supporting documents even easier.

A similar page collating all the materials relating to the U4E [Model Regulation Guidelines](#) has also been added to the [website](#). These Model Regulation Guidelines (available in multiple

languages) provide voluntary guidance for Governments in developing and emerging economies that are considering a regulatory or legislative framework. They contain essential elements, including product scope, definitions, test methods, minimum efficiency levels and a set of minimum performance requirements, along with market surveillance measures which ensure that consumers can purchase quality efficient products with confidence.





The Indian National Motor Replacement Programme has been established to tackle the complex behavioural, financial and market related barriers to the adoption of energy efficient motors. A [new case study](#) is now available on the Publications page of the U4E website

describing its background, objectives, methodology and progress to date.

And finally, U4E will soon be releasing complimentary guidance notes on market and impact assessments to underpin policy development; label design; and implementation and compliance. The contents apply to many products, while the examples are largely on cooling products. Look out for them on the website or twitter...

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STAY CONNECTED:

