

CLIMATE RESILIENT APPLIANCES

JULY – OCTOBER 2020
EFFICIENCY FOR ACCESS



ABOUT THE CAMPAIGN

We invite you to take part in 'Climate Resilient Appliances', a global campaign that seeks to demonstrate how affordable energy-efficient appliances can contribute to a green and resilient economic recovery.

From July through to October 'Climate Resilient Appliances' will highlight the importance of off-grid appliances in climate change mitigation and adaptation, as well as averting unintended environmental consequences. We will also emphasise links between SDG 7, SDG 8, and SDG 13.

BACKGROUND & INTRODUCTION

Energy-efficient appliances can play a crucial role in climate change mitigation, adaptation and resilience. Affordable appliances powered by solar home systems, mini-grids, or grid-scale renewables can also help facilitate energy access through a low carbon pathway.

Appliance efficiency is proven to deliver significant emissions reductions in on-grid settings. A new [report](#) published by the Indian Bureau of Energy Efficiency illustrated that government activities targeting appliance energy efficiency accounted for 49.7% of the country's CO₂ reductions that year. There is also an opportunity to further reduce emissions from appliance production. We can enhance resource efficiency and reduce waste resulting from short product lifespans.

Off-grid appliances will make communities more resilient to climate change. Electric pressure cookers displace polluting biofuel stoves, which helps reduce harmful greenhouse gas emissions. They can reduce indoor air pollution for their mostly female users. Solar water pumps provide a clean energy alternative to diesel powered pumps and offer smallholder farmers an irrigation solution during periods of drought. Solar fans keep people cool in a world of rapidly rising temperatures.

Investment in high-performing and affordable appliances could help facilitate a green economic recovery post-COVID-19. Globally, the off-grid renewable energy industry is expected to create at least 4.5 million direct jobs by 2030. Decentralised, off-grid energy systems can help small businesses prosper and offer potential sources for additional income.

Yet we need to be mindful about avoiding unintended consequences in the use of high-performing appliances. High-GWP refrigerants are released into the atmosphere when fridges are disposed of without burning. Further, circular strategies will only be successful if they are fully integrated into for-profit companies' business models.

OUR APPROACH

The campaign will be executed in three phases:

- Engaging audiences who are new to discussions on climate resilience and energy access
- Building stakeholder knowledge
- Facilitating dialogue with industry experts

JOIN US

‘Climate Resilient Appliances’ will build new opportunities and partnerships across the energy access and climate change landscapes. Through the campaign, Efficiency for Access will partner with organisations to disseminate information, host events such as live Q&As, and develop new content including blog posts.

OVERVIEW OF SELECTED CAMPAIGN ACTIVITIES

Live Q&A: On 17 September, we will host a live online Q&A that explores how climate resilience can be embedded into the energy access sector. Details to follow.

Six Key Principles: In October, we will create a list of six key principles for the energy access sector to ensure a green and resilient economic recovery. We invite contributions from partner organisations.

Pledge: In October, we will ask energy access focused organisations to sign a pledge signalling their commitment to uphold our list of six key principles for the energy access sector to ensure a green and resilient economic recovery. Details to follow.

OPPORTUNITIES FOR INVOLVEMENT

Monthly Social Media Toolkit: Each month, we will develop a social media toolkit, which we will share with partners. Please contact us if you would like to contribute content.

Organisational Spotlight: Throughout the campaign, we will develop and post social media content that highlights energy access actors who are embedding climate resilience into their work. Please contact us if you would like to participate.

Guest Blog Posts: We invite our partners to showcase their work on climate resilience and energy access by authoring an article for our blog. Please ensure that your work aligns with the overall focus of the campaign.

OUR HASHTAG

#ResilientAppliances

GET INVOLVED

To get involved with the Climate Resilient Appliances campaign, please contact Sarah Hambly or Zoë Carruthers.

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