



Electric Pressure Cooker Usability Testing

IDENTIFYING BEST-IN-CLASS ELECTRIC PRESSURE COOKERS

Electric pressure cookers present an energy-efficient, cost-effective clean cooking solution for underserved markets around the world.

The Importance of Electric Pressure Cooker Usability Testing

EPC product design does not always reflect the needs and aspirations of the everyday cooks who will use the products. This lack of consumer-focused design inhibits EPC update in high impact markets.

To address this challenge, the 2020 Global LEAP Awards Electric Pressure Cooker Competition includes an innovative usability testing process. Usability testing will complement the [performance and safety laboratory-testing](#) process by deploying EPCs to kitchens of diverse Kenyan households, measuring appliance performance in real-life conditions, and inviting users to provide feedback on their experiences cooking and evaluation on the quality of food cooked with each product. Usability testing will identify the best EPCs that meet the needs and aspirations of everyday cooks in high impact markets.



The Global LEAP Electric Pressure Cooker Competition

The 2020 [Global LEAP Awards Electric Pressure Cooker Competition](#) will recognize [high-quality, energy-efficient, and affordable](#) electric pressure cookers that are appropriate for use in underserved markets, including weak-grid areas where grid connections are intermittent and of inconsistent quality, as well as areas where energy comes from off-grid systems such as standalone DC solar home systems and renewable mini- or micro-grids [AC or DC].



The Global LEAP Awards

Usability Testing Overview



Uncontrolled Home Cooking: Super-users and users will use EPC at home as part of their everyday cooking and provide daily feedback on experiences.



Controlled Cooking: Super-users will define standardised recipes for typical local foods and cook each food on each EPC, measuring energy and time consumption and providing feedback on the user experience and taste of the food.



Focus Group Discussion: Super-users and users will participate in a facilitated group discussion to provide qualitative and quantitative feedback to rate each EPC model.

Benefits to Winners

A total innovation **cash prize of \$100,000** would be awarded to EPCs based on **Best User Experience and Overall Value**.

Other benefits include:



Opportunity to find potential investors through the **Efficiency for Access Coalition Investor Network**.

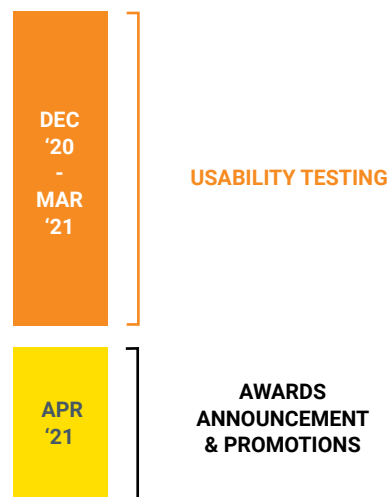


Opportunity to **participate in donor initiatives and programs** dedicated to electric pressure cooking in developing countries.



Participate in a **global promotional campaign**, including opportunities to interface with distributors and investors in key markets.

Timeline*



*Please note that the timeline is subject to change due to constraints in shipping products to Nairobi.

Leave No One Behind

To reach the “furthest behind first” and empower members of underrepresented groups in choosing their preferred model of EPC, the selection of Super Users and Users in the Global LEAP Awards EPC Usability testing will be guided by the Leave No One Behind principles. Superusers and users will be screened for by the personal characteristics (e.g., gender, disability, literacy), cultural background (e.g., ethnicity, rural vs. urban), and household characteristics (e.g., socio-economic background, family size). The LBOB principles will ensure that the characteristics and experience of the participants of the usability testing match those of the Global LEAP Awards target consumer groups as closely as possible.

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