

Globally, three billion people depend on polluting, open fires or inefficient stoves to cook their food, harming health, the climate, and the environment. Women and girls, who often spend hours cooking and collecting fuel, are disproportionately affected. Achieving universal access to clean cooking could significantly advance development objectives, including 10 of the Sustainable Development Goals.

Health



Issue:

Up to 4 million premature deaths annually associated with household air pollution

Impact:

Reduction in respiratory and cardiovascular health conditions and deaths attributable to household air pollution

Livelihoods



Issue:

Up to 30% of household budget spent on cooking fuel due to reliance on inefficient stoves; lost opportunities for income generation due to time spent

Impact:

Reduction in fuel expenditures; more opportunities for income generation due to time savings in cooking and fuel collection activities

Climate



Issue:

1.5–3.0% of global CO_{2e} emissions contributing to global warming as a result of large-scale consumption of wood, charcoal, and kerosene

Impact:

Reduction in CO_{2e} emissions, addressing global warming

Environment



Issue:

Around 30% of woodfuel harvested globally is unsustainable

Impact:

Reduction in forest degradation and climate change

Gender



Issue:

Disproportionately affects women and children due to firewood collection, fuel processing, cooking, and post-meal cleanup associated with gender roles

Impact:

Outsized health and time benefits for women and children

The Consumer Perspective: What Impacts are Most Important?*

#1

Cost savings due to reduced fuel consumption

#2

Time savings and convenience

#3

Health and well-being improvements

*60 Decibels, "Why Off-Grid Energy Matters"

About the Clean Cooking Alliance

CCA works with a global network of partners to build an inclusive industry that makes clean cooking accessible to the three billion people who live each day without it. Established in 2010, CCA is driving consumer demand, mobilizing investment to build a pipeline of scalable businesses, and fostering an enabling environment that allows the sector to thrive. Clean cooking transforms lives by improving health, protecting the climate and the environment, empowering women, and helping consumers save time and money.

