



IMPACT AND DETERMINANTS OF OF CLEAN COOKSTOVE BUSINESSES

Clean cookstoves are modern cookstoves designed to be less harmful to human health and the environment through the employment of cleaner, less polluting fuels, as well as altering conventional designs to address specific issues (World Bank, 2011).

PATHWAYS TO CHANGE

What do we know about the impact of adopting efficient cookstoves on health, economic, and environmental outcomes in Low and Middle-income countries?



Evidence: Positive

- Savings, due to fuel efficiency and, thus **lower expenditures on fuel**
- Local production of cookstoves creates **local employment** and economic benefits

empowerment and wellbeing

<u>Evidence:</u> Positive

- Time savings due to improved fuel efficiency, less time spent collecting fuel, and men involved more in cooking.
- **Increased wellbeing** due to more time available for other activities.

Evidence: Positive, but weak

 Positive health outcomes are highly contingent on the design of the stove (different stoves emit different levels of particulate matters) and their consistent, prolonged, and exclusive use (if a clean cookstove is used alongside a traditional one in the same kitchen it is evident that its health benefits from reduced indoor pollution are reduced)

Evidence: Inconclusive

• Empirical evidence of this topic is limited due to insufficient data, uneven and limited adoption of clean cookstoves

• Difficult to isolate impact due to a large number of other **confounding factors**

CLEAN COOKSTOVE BUSINESSES: DETERMINANTS OF SUCCESS

How do policy, market, and household characteristics affect the success of clean cookstoves businesses?



the short term.
Understanding what motivates households' choice of cooking methods (e.g., preferences regarding health or costs) can inform strategies to promote the purchase of clean cookstoves, support their continued usage, and enable transition away from traditional methods.

This infographic summarises findings from the report of literature on clean cooking solutions and their impact across six Low and Middle-income countries. The assessment Clean Cookstoves: Impact and Determinants of Adoption and Market Success was commissioned by FMO and was conducted by LEAD at Krea University.

