



VIDA MEJOR COOKSTOVES HONDURAS

**Improving air quality and creating cost savings
for communities**



This project helps Hondurans transition away from inefficient conventional firewood stoves by providing more efficient, clean burning firewood cooking stoves to local households, improving living conditions in homes while doing so.

The Context

The pattern of deforestation in Honduras is not a new issue. Deforestation rates range from 54,000 to 80,000 hectares per a year. One contributor to this environmental issue is the felling of forests for use in traditional wood fire stoves, which not only require large amount of fuel, but emit carbon dioxide smoke that can cause serious eye and respiratory problems for users.

The Project

The project has so far distributed over 16, 000 "ICS" stoves to Honduran households. These stoves are more efficient than traditional firewood stoves as they reduce heat loss and improve heat transfer and combustion efficiency in the pot. Furthermore, the ICS model is much more fuel efficient, with a streamlined assembly and construction to reduce costs and production times.

The Benefits

As the stoves require less fuel for cooking, the project reduces the demand for biomass required for cooking stoves thus reducing the rate of deforestation associated with fuelwood consumption. In addition, the improved stoves emit far less smoke, improving air quality and reducing the emission of harmful gases that contribute to climate change. An improvement in indoor air pollution has been proven to have direct correlation with respiratory illness and mortality rates, especially among women and children, worldwide. From an economic perspective, the project contributes to the scale-up of local business and organisations, with the potential to create jobs in retail, marketing and distribution.

As the stoves require less firewood, women and children can spend more time at school or with their families instead of collective wood.



Gold Standard®



166,762
stoves

in operation improving living conditions inside homes across Honduras



Jobs

created in stove distribution, boosting local economies



42,222
tCO₂e

reduced on average annually in relevant year



27
%

more fuel efficient stoves, reducing pressures on surrounding forests felled for wood fuel

For more information on the UN Sustainable Development Goals, please visit: <http://www.un.org/sustainabledevelopment/sustainable-development-goals/>

Official name: PoA 9176 : Improved Cookstoves Program in Honduras "Vida Mejor con Ecofogones de Alto Rendimiento"

UNFCCC/markit/VCS link: https://cdm.unfccc.int/ProgrammeOfActivities/poa_db/MN1FPHAXIBV8SR9QWYOGU7K3C06L54/view | UNFCCC/markit/VCS ID: 9176

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