



MIRADOR HEALTHY COOKING STOVES HONDURAS

Improving the health and wellbeing of Honduran families with fuel-efficient cooking stoves



This project involves the distribution of low cost, fuel-efficient cooking stoves to the Northwest region of Honduras. By using these stoves, fuel related costs are reduced for families, wood-smoke related health issues are abated and a positive impact on the global climate is created via forest recovery and reduction in carbon emissions.

The Context

Honduras boasts the fourth largest rainforest in the world, but deforestation is occurring at an alarming rate. The collection and burning of firewood for cooking is a time intensive task in Honduras, usually a burden for women, that destroys precious village-side forests and causes smoke-related health issues.

The Project

By providing families with low-cost, fuel-efficient cooking stoves, the Mirador Project changes simple household practices for a broad positive social and environmental impact. The 'La Justa' stove combines clean combustion 'Rocket Elbow' technology with local Honduran cooking practices. The resulting stoves are more fuel efficient than the traditional open fire system, reducing household carbon monoxide and methane emissions by 79 and 94 percent, respectively. The stoves are mapped and monitored with GPS tracking, and to-date have reduced over one million tonnes of carbon dioxide equivalent emissions since 2004.

The Benefits

The Mirador project provides economic and health benefits to over half a million people. Women now have more free time for other activities, and can spend money previously reserved for fuel on other essentials. A microenterprise program also runs alongside this project, training entrepreneurs ('Ejecutores') and providing specialised parts to build and install the stoves. 17 thriving microenterprises have expanded to provide 170 local jobs in areas where reliable employment is difficult to find.

"I know the air in my home is cleaner because my 4 children are not as sick with coughs as they were before."

Señora Enamorado,
family of four in Honduras



Gold Standard



30,000+
stoves

distributed, improving health conditions by reducing indoor smoke in homes



170
jobs

created, boosting local economies by providing new income streams



50%
less fuel

used, resulting in money savings and reduced deforestation



225,335
tCO₂e

mitigated on average each year

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

Official name: Proyecto Mirador Enhanced distribution of efficient wood stoves in Honduras

Registry link: https://mer.markit.com/br-reg/public/project.jsp?project_id=103000000002237 | **Registry ID:** 2237 | **GS ID:** 690

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