

Energy Efficient Brick-Making in Nicaragua

Nicaragua is one of Latin America's poorest countries. The traditional brick kilns used there burn wood very inefficiently. In 1998 over 11 million kg of wood were used to produce bricks, and the number rises every year.

As a result, local forests are shrinking rapidly, CO2 emissions are rising, and the cost of wood is squeezing incomes. Carbon Clear is working with a local not-for-profit organisation to finance the adoption of cleaner burning kilns that use less wood, or can even use common agricultural wastes as fuel.

By reducing unsustainable wood harvesting and inefficient combustion, each of these improved kilns will reduce annual CO2 emissions by approximately 250 tonnes. Over the next five years we aim to reduce CO2 emissions by 25,000 tonnes.

These improved brick kilns will make a tangible difference in the lives of local communities by ensuring a future for dozens of small entrepreneurs.



Clearing the air: replacing dirty traditional brick kilns saves wood, boosts incomes and reduces greenhouse gas emissions.