



Stories worth sharing

Case study 4

A Route from Women Drudgery to A Barefoot Technician



Walking miles in scorching sun to collect firewood daily, Nandini from Kantakoli village is happy now after an Ngo-SG Foundation & Nexleaf came with an idea to switch over from Traditional cookstoves to Improved cookstoves .A family of six and 2-3 times cooking per day distress her mentally and physically both. As she has to walk 2-3 km daily to collect fire woods. Her husband is a Labour and In-laws have agricultural land, she has 5 year old daughter to look after.

She says “I always wanted to avoid the use of Traditional stove, which takes lot of time in cooking, emits smoke and consume lot of fire woods”

After the improved cook stoves being installed in her village ,she is on cloud nine as consumption of firewood from 15kg came down to 5-6kg & time reduced to 1 hour which previously took 3-3 ½ hours ,Moreover no smoke is emitted. In addition to that as they have taken the stoves on a loan they do not have to pay the money of the stoves from their pocket ,the consumption pattern that is usage of stove will pay back in form of carbon credit i.e., for every hour of stove usage will give them a carbon credit which will be directly

go into their M-pesa account ,in a term of 2 years (for every 1 hour consumption 3 carbon credits are given)the left over money are used by users, like Nandini buy's her household stuff from the money. She further says

“I feel like it is a magical device which is saving my time, no emission of gas and is financial inclusive.

Now with left over time she does the tailoring job and gives tuition to children. She ought to continue the usage of stove even after the carbon credit is over and inspires other women to do the same. Being a quick learner she is learning a technical part of the stoves and sensor in a way changing to barefoot technician.

Nandini has ample of time to spend with her family and is one of our success by providing her the platform to become a barefoot technician.