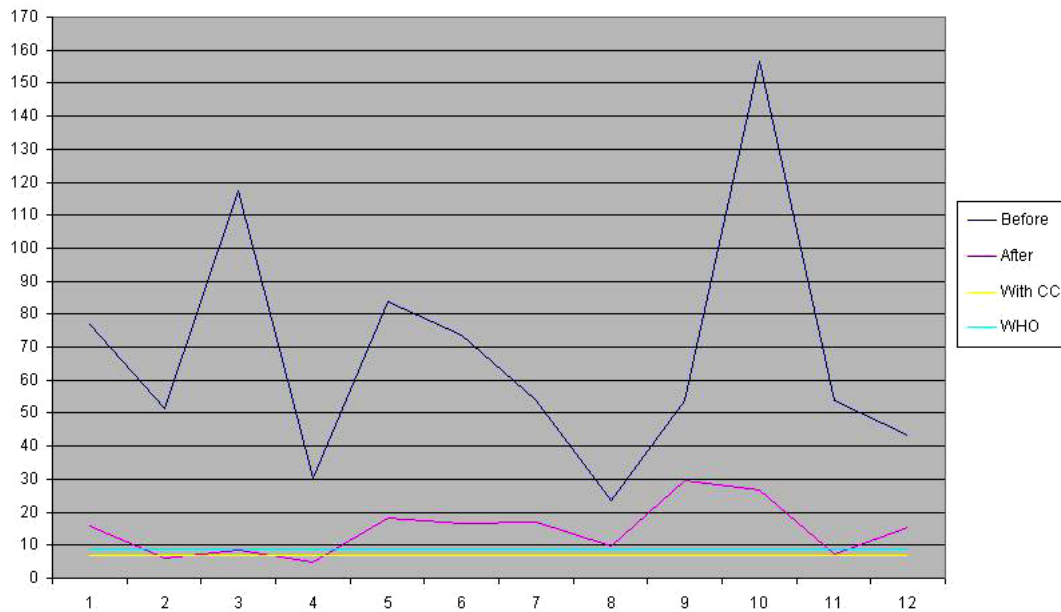


Profile of CO reductions achieved in homes in the Kebrebeyah Refugee Camp Firehiwot Mengesha and Wubshet Tadele, Gaia Association

Kebribeyah Refugee Camp IAP Test
CO(ppm)



BEFORE:

This line represents the averaged levels of CO measured with wood as the primary cooking fuel and charcoal as the secondary fuel. This is the **baseline**. Values were averaged over the test results from 13 homes.

AFTER: This line represents the averaged results after substitution of the CleanCook stove for the traditional wood and charcoal stoves. Kerosene lamps and fuel wood remain in use in the homes for lighting. Values were averaged over the test results from 13 homes.

WHO: The green line represents the WHO/USEPA standard for recommended not-to-exceed CO exposure for an 8-hour period. This is 10 mg/m³ or 9 ppm.

WITH CleanCook Stove: This represents the CO level achieved in a controlled kitchen test with the CleanCook stove, under laboratory conditions. In a laboratory, it is possible to see what the stove itself can achieve when other sources of fuel that can produce CO are removed.

(Carbon Monoxide levels measured with the Onset Computer Corporation HOBO Logger as per test procedures developed by the University of California Berkeley School of Public Health.)

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