



Haitian woman selling charcoal ¹

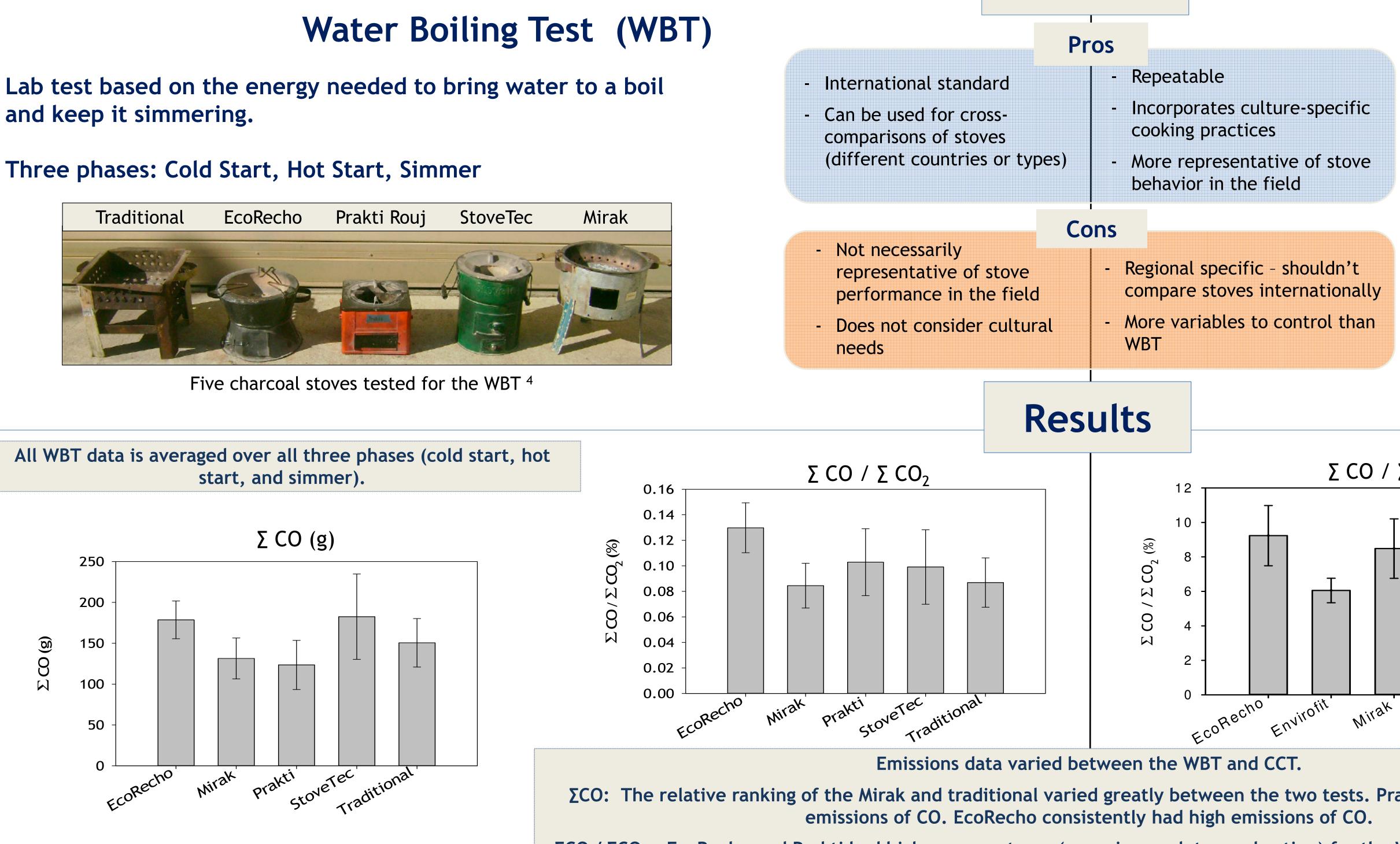
even though Haiti is over 96% deforested.²

Since the earthquake, charcoal now costs up to 40% of a family's income.³

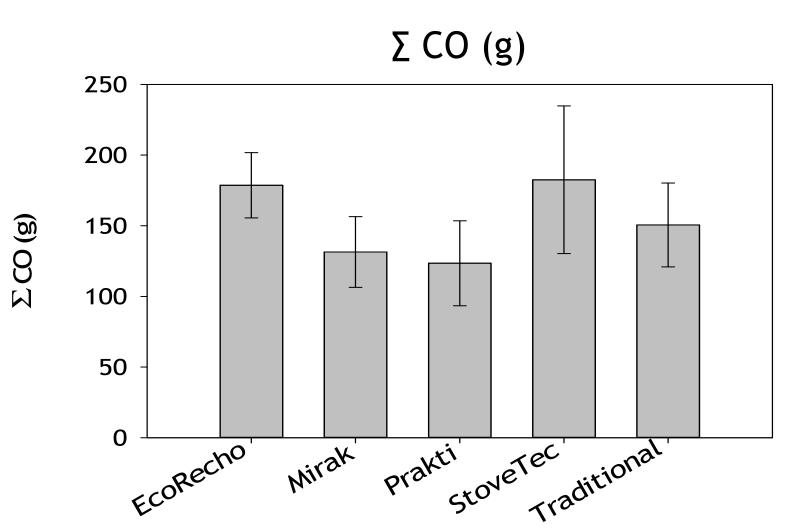


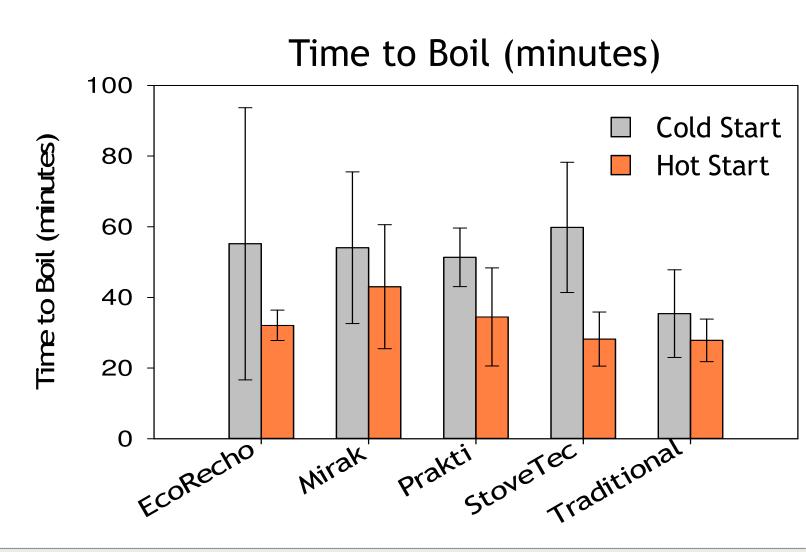
and keep it simmering.

Three phases: Cold Start, Hot Start, Simmer



All WBT data is averaged over all three phases (cold start, hot





More thermally massive stoves (EcoRecho, Prakti, StoveTec) have larger differences between cold and hot starts. The traditional stove is still the fastest to light on average.

Comparison Testing of Haitian Cookstoves

85% of Haitians use biomass for fuel, mainly charcoal,¹

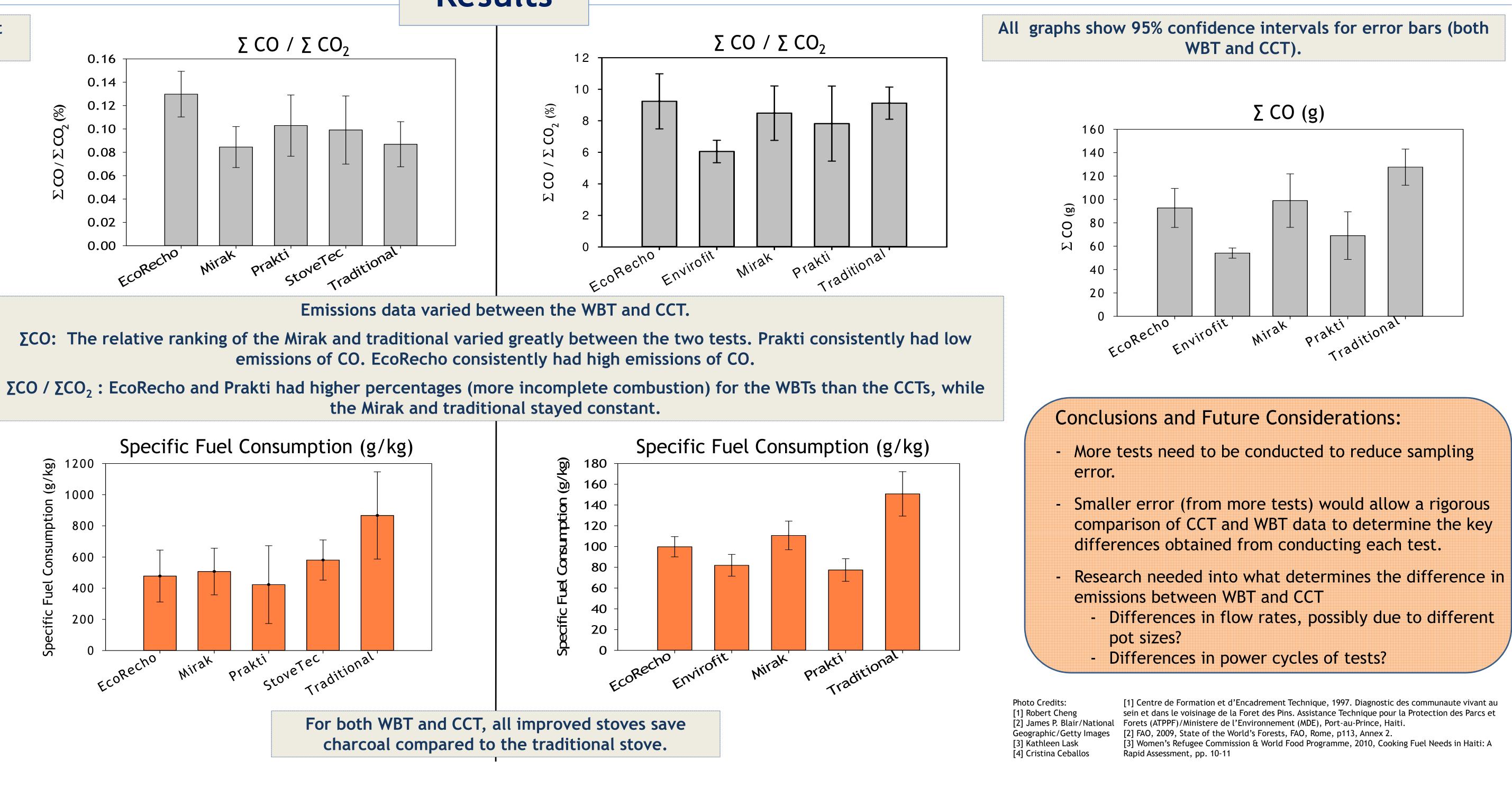
Border of Haiti and the Dominican Republic²



Background

Stove trial of several charcoal stoves in Haiti²

Tests



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Many cookstoves were already available for dissemination in Haiti.

Gadgil Lab - Stoves provided an unbiased, independent assessment instead of designing a new stove.



Stove testing facility ³

Haitian woman with *diri kole ak pwa* (rice with red beans and vegetables)¹

Controlled Cooking Test (CCT)

Lab-reproducible surrogate of local cooking practice

In the case of Haiti, this meant preparing *diri kole ak pwa*, a combination of beans, vegetables (simulated by boiling water), and rice.



Five charcoal stoves tested for the CCT³



