




A glimpse into the
Independent RBF Verification System
in Cambodia



Field Verification




Equipped with a random sample drawn from a Cookstove Distributor's RBF Claim, our Independent Verification Agents (IVA) get on the way to conduct field verifications...



It's no easy feat to track down end-users in remote, rural areas – but our Verification Agents are experienced field surveyors who are well-versed in finding rural households fast & efficiently.

And fortunately, there are always some friendly villagers who are willing to help to point out the right direction...





Once the end-user household has been found, the Verification Agents start administering the verification survey...

Verification Agents use a tablet computer to administer the electronic survey...

Next to confirming the end-user's identity and purchase of a project stove, the survey also captures a range of socio-economic indicators...



Verification Agents ensure that the Serial Number on the stove matches the number provided by the Cookstove Distributor...



Verification Agents also conduct a paper trail check on site to confirm that the end-user's Warranty Papers match with the information provided by the Cookstove Distributor.



As part of the survey, Verification Agents are required to take a photo of the project stove in the end-user households to deliver proof that the visit took place.



Yes, we do get to see A LOT
of kitchens in Cambodia...




Verification Agents also take a photo of the end-users house, for unique traceability, and capture GPS coordinates for the project's Master Database.



The type of house is also a powerful indicator of socio-economic status and helps us to learn a lot about who our project beneficiaries are...



A woman with dark hair, wearing a plaid shirt and blue jeans, is crouching on the ground in a village setting. She is holding a red tablet and looking at it. Around her are several children and adults. To her left, a young boy in an orange shirt is sitting on the ground, looking at the tablet. Behind him, a woman is smiling. To the right, a group of children are standing, looking at the tablet. In the background, there are simple wooden houses and laundry hanging on a line.


Often, the visit of a
Verification Agent is an
exciting event for villagers,
old and young... 😊



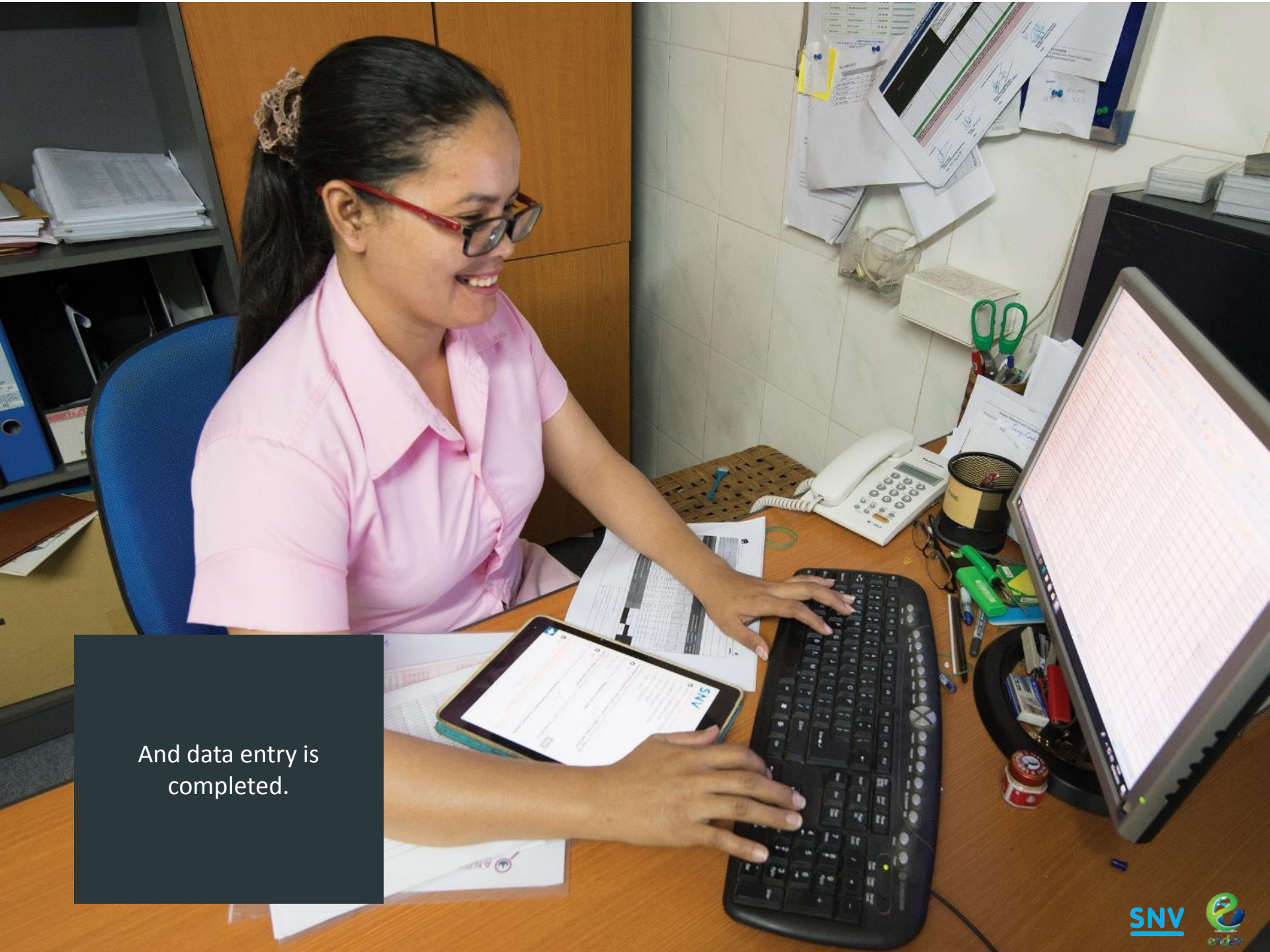
Telephone Verification



Back at the IVA office in
Phnom Penh...



Here, the Verification Agents conduct telephone verifications...



And data entry is completed.

Lastly, the all-important signing-off on the IVA report before submitting to SNV for RBF fund disbursement.



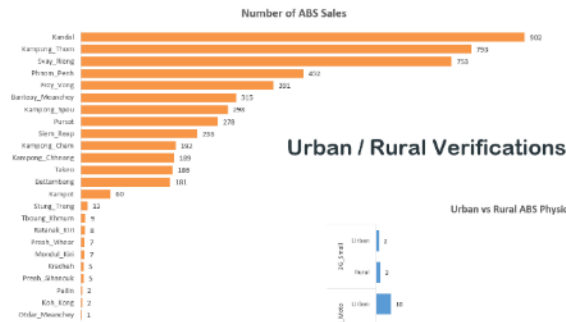
Meet some members of the IVA team... We have found that using a private research firm as IVA has clear advantages: very fast turn-around and very low cost per unit verified.



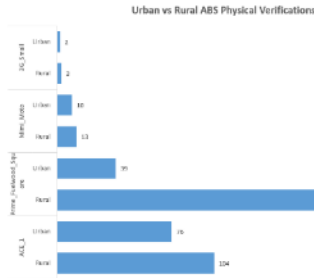


Data Analysis

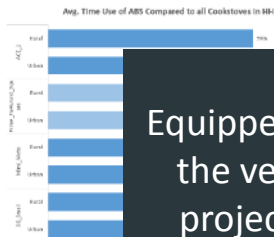
ABS Sales by Province



Urban / Rural Verifications



Time Use of ABS



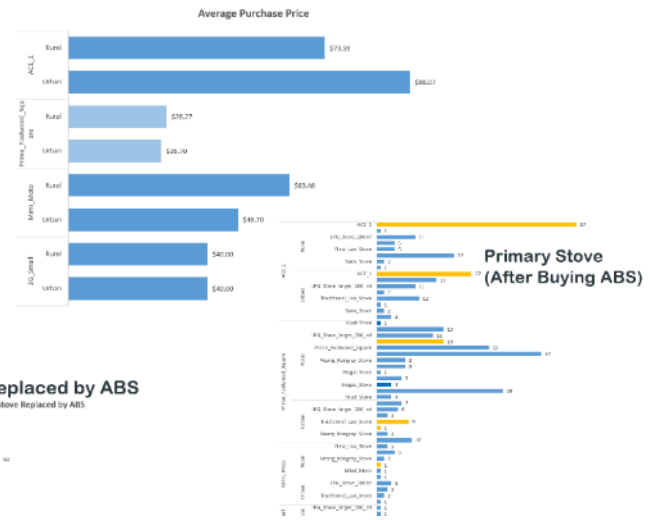
Days Owned at Time of Verification



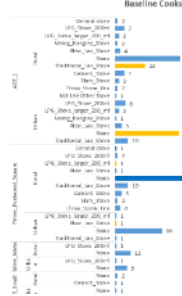
Cooking Locations



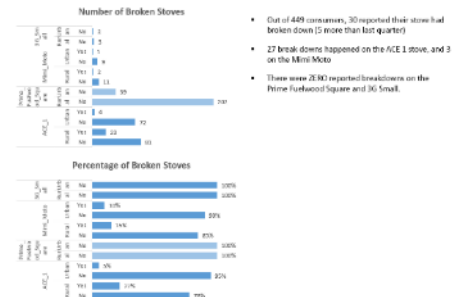
Purchase Price



Baseline Cookstove Replaced by ABS



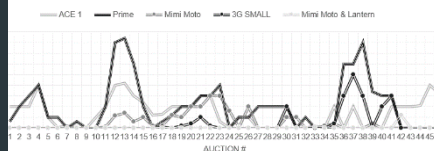
Rate of Broken Stoves (cumulative)



Average Retail Pricing per Month (Premium Stoves)



SALES TREND PER AUCTION



Equipped with all the data from the verification process, the project team performs data analysis that yields us A LOT of powerful information about auction & sales performance and about the end-users. For example, we get to understand which baseline stoves are being replaced by the project stoves, how much the project stoves are being used, customer satisfaction with different stove criteria, and much much more.

Cambodia: ABS Customer Locations

GPS locations are based on location information (Province, District, Commune, Village) reported by Distributors as part of their RBF Claim. The GPS locations do not represent the actual household. They represent the central point in each village per the village level GPS coordinates sourced from the 2008 Population Census.

ABS Stove Units *Last updated 02 Feb 2018*

4171



Prime Fuelwood Square
(2239 units)



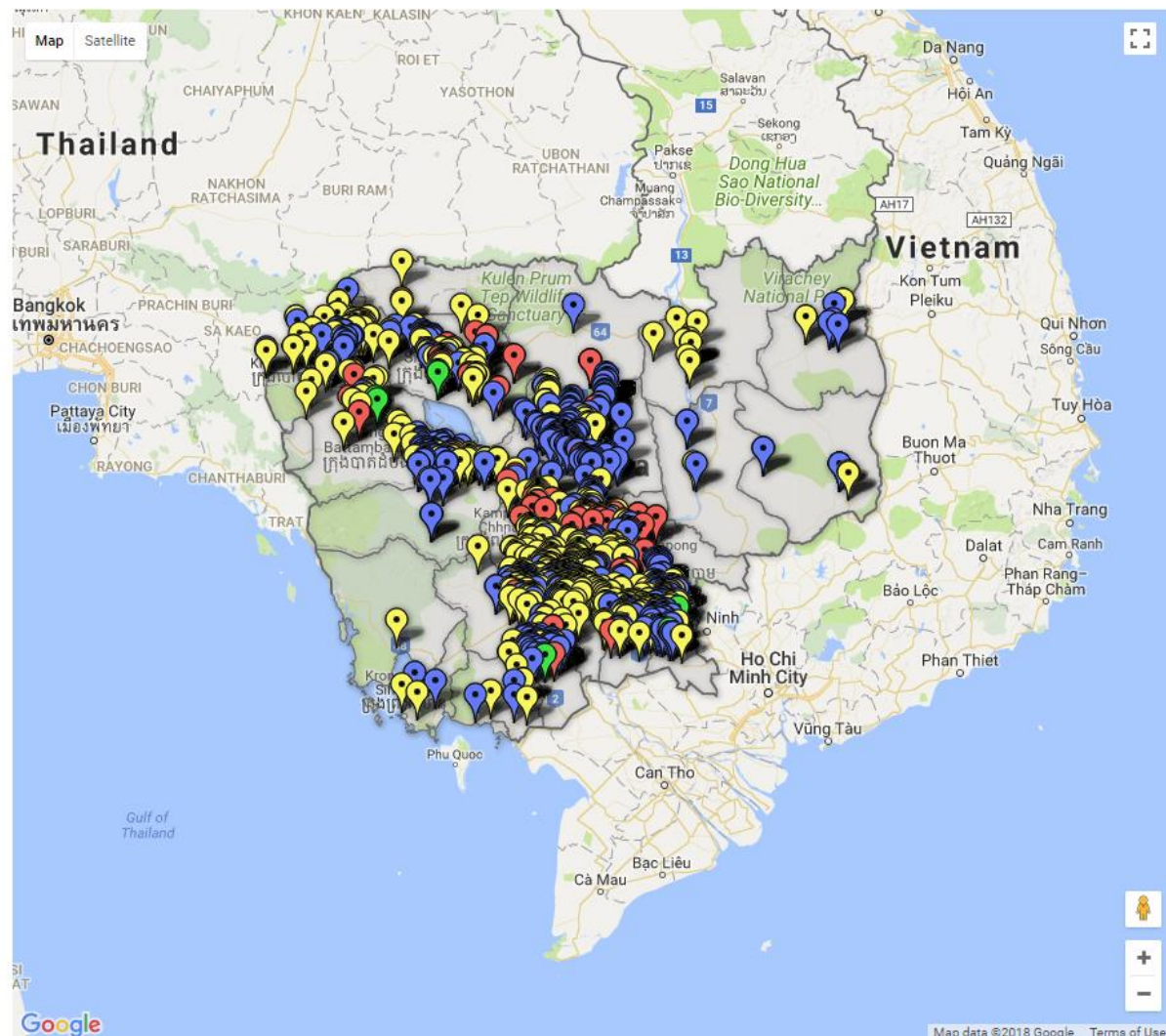
Mimi Moto
(304 units)



ACE 1
(1613 units)



3G Small
(15 units)



GPS locations collected during verification are visualised in an interactive electronic map.

To access the map, go to thestoveauction.org, click “Login” on the top navigation bar. Enter “217Monireth” as the password and select the map you wish to view.

Cambodia: ABS Physical Verification Locations

The GPS locations are specific to each household that has been physically verified by the IVA.

ABS Stove Units *Last updated 30 March 2018*

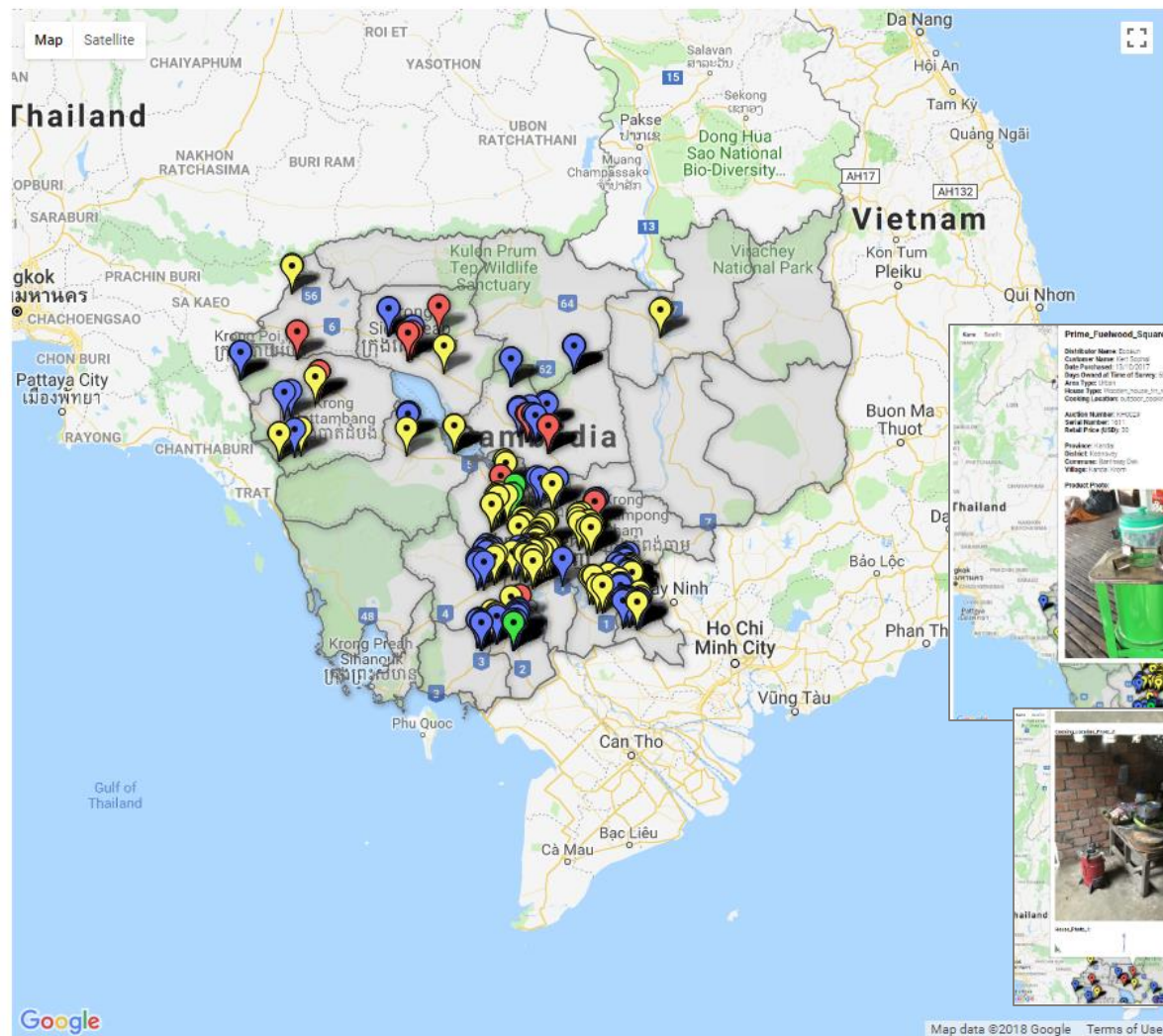
449

 **Prime Fuelwood Square**
(241 Units)

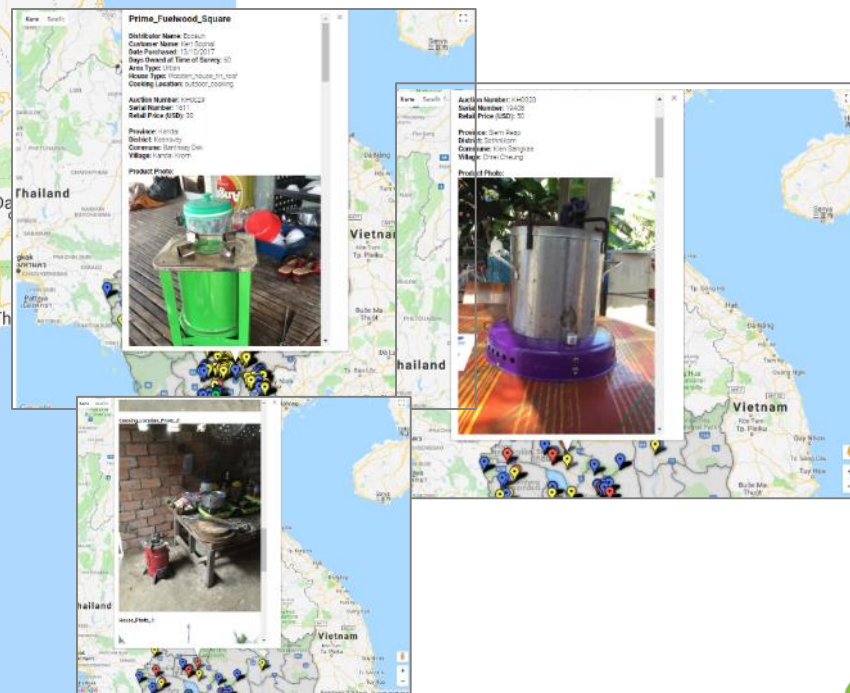
 **Mimi Moto**
(23 Units)

 **ACE 1**
(180 Units)

 **3G Small**
(5 Units)



In the physical verification map, click on a location marker to see a breakout box that contains all relevant information (and photos!) of the physically verified stove.





Thank you for your
attention!