

Awamu Biomass Energy Stove Study: August-September 2017

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- **Individuals Interviewed:**

- *Total: 20*
 - *Female: 15 (75%)*
 - *Male: 5 (25%)*

- **People Represented:**

- *Total: 98*
- *Areas Represented: Families, Business, Bachelors, Cooks*

- **Villages/Towns Represented:**

- | | |
|--------------------|------------------|
| ○ Butto | ○ Maska |
| ○ Kabalanga | ○ Mukono |
| ○ Kagali (x3) | ○ Muyenga Bukasa |
| ○ Kalambi | ○ Nabbingo |
| ○ Kawala (x2) | ○ Nakasozi |
| ○ Kilaka | ○ Nalya |
| ○ Kyebado | ○ Natete |
| ○ Lungujia Kitunzi | ○ Nkokonjeru "A" |
| ○ Makulukuku | |

- **Household Size:**

- *Average Household Size: 4.9 People*
 - *Excluding Upper/Lower Extremes (10 people/ 1 person): 4.833 People*
- *Median Household Size: 5 People*
 - *Households with 5 or more people: 7*
 - *Households with 5 people: 6*
 - *Households with less than 5 people: 7*

- **Common Professions of Users and Those in Household (not always stated):**

- Student
- Shopkeeper/Entrepreneur/Businessperson
- Farmer
- Cook (restaurant or roadside)
- Casual Worker
- *Other Responses Include:* Chicken Vendor, Salon Worker, Social Worker, Civil Servant, Maid, and many others

- **Past Cooking Method(s):**

- *Charcoal: 95%*

- *Felt Charcoal takes Longer/Awamu Stove is Faster: 68.421%*
 - *Firewood or Three-Stone: 30%*
 - *Felt Firewood takes Longer/Awamu Stove is Faster: 66.667%*
- **Stove Ownership:**
 - *Average Months of Ownership (counting >1 Mo as 1 Mo): 7 Months*
 - *Excluding Upper/Lower Extremes (36 Mo/1 Mo): 5.722 Months*
 - *Users Who have had Stove for Less Than 1 Month: 3*
 - *Longest Ownership of Users Interviewed: 36 Months*
- **Users Who Know Another Awamu User:**
 - 50%
 - *Out of the 50%, Average Number of Users Known: 2.5 People*
- **How Users Were Introduced to Awamu Stove:**
 - Robert: 9 (45%)
 - Exhibitions were commonly cited
 - Manager at Living Goods: 7 (35%)
 - Fred: 3 (15%)
 - Unknown Awamu Salesman: 1 (5%)
 - Originally introduced the stove to Living Goods
- **Common Reasons for Purchase** (more than one response was accepted, if applicable):
 - Speed/quickness/efficiency of cooking (8)
 - Use of firewood and production of charcoal (4)
 - Cleaner cooking/less smoke (4)
 - Charcoal is expensive (4)
 - Interesting technology (3)
 - Aesthetics/design appeal (3)
 - *Other Responses Include:* attraction of customers, use in business/restaurant, portability
- **Average Satisfaction (on a 1-5 scale): 3.663 or 73.26%**
 - *Satisfaction 4.1-5.0:* 9 (45%)
 - *Satisfaction 3.1-4.0:* 5 (25%)
 - *Satisfaction 2.1-3.0:* 1 (5%)
 - *Satisfaction 1.1-2.0:* 2 (10%)
 - *Satisfaction 1:* 3 (15%)
 - *Common Reasons for Dissatisfaction:*
 - Tedious to use (2)
 - Too much smoke (2)
 - *Other Responses Include:* did not get charcoal, did not light properly/would not work, too small for larger meals

- **Usage:**
 - *Average Daily Use (counting >1 Hr/Day as 0 Hr/Day): 2 Hours/Day*
 - *Individuals using stove >1 Hr/Day: 6 (30%)*
 - *Reasons for Inconsistent/Rare Use:* use of produced charcoal for other cooking, too complicated to use, food was not fully cooked when used
 - *Usage Location:*
 - Exclusively Outside: 9 (45%)
 - Exclusively Inside: 7 (35%)
 - Both Outside and Inside: 4 (20%)
- **Primary Fuels** (up to three responses were accepted):
 - Wood (20)
 - Carpentry Scraps (1)
 - Maize Cobs (1)
 - Noted stove did not stay lit as long
 - Briquettes (1)
 - Unable to find good quality, low price briquettes easily
- **Positives Regarding Stove/Life Impact** (more than one response was accepted, if applicable):
 - Money saved because no longer buying charcoal/uses less wood (10)
 - Energy saved because requires little supervision (7)
 - Time is saved because of fast cooking (5)
 - *Other Responses Include:* ability to use charcoal, good-looking and interesting thing to own, easy to control fire, portability, fire lasts longer than alternatives
 - *Users Who Did Not Provide a Response:* 5
- **Negatives Regarding Stove/Life Impact** (more than one response was accepted, if applicable):
 - Excessive smoke on initial ignition (8)
 - Soot on saucepan (4)
 - Initial ignition/firewood prep take time (4)
 - Too expensive, especially for a stove (3)
 - *Other Responses Include:* instability can make it unsafe, small burns from near handles, laughed at by neighbors
 - *Users Who Did Not Provide a Response:* 7
- **Changes that Users Would Make to Stove** (more than one response was accepted, if applicable):
 - Less smoke/better method of ignition (4)
 - Larger option for use with larger meals/families (3)
 - More stable/sturdy legs (2)
 - Protection for top of wood handles from flames (2)
 - Better air flow/air control (2)
 - Less expensive option (2)

- o Ability to add wood while in use (2)
- o Other Responses Include: option to use charcoal, more durable metal, a way to stop soot from getting on saucepan, increasing the availability of briquettes
- o Users Who Did Not Provide a Response: 3

Contact Information			
	Name	Location	Phone
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	e Joan		0773408917
10	Grace	nga Bukasa	29398
11	Sebulime Betty	njeru "A"	13428
	gga Betty	ngo	79206
		/Keyengera	31274
	nja Betty	e	64707
	njo Christine	ozi	71250
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