******User Social Impact Survey**

**Baseline Phone Survey**

This baseline survey should be conducted soon (ideally, within 2 weeks) after users buy or receive the clean and/or efficient cookstove/fuel. The goal is to ask users to reflect on life BEFORE they acquired the clean and/or efficient cookstove/fuel.

* The **light blue** modules and questions are optional, as they may not be applicable to some organizations’ operations.
* Text in *italics* represents directions for the data collector and does not need to be read aloud to the respondent.
* Text [***bracketed with italicized bold black font***] indicates text that the data collector should customize based on a response the respondent provided earlier in the survey (e.g., the type of cookstove she purchased).
* Text [*bracketed with italicized orange font*] indicates text that you should customize (e.g., the types of cookstoves, response options that are most appropriate for the local context, etc.) before beginning the data collection.
* Text in *italicized green font* indicates to the data collector that these questions involve skip patterns.
* The star symbol (\*) denotes questions for which the data collector should list the answer options out loud and have the respondent choose the most applicable answer.
* The triangle symbol (Δ) denotes questions for which the data collector should let the respondent answer the question in his/her own words. The data collector should then select the option that best matches the response. The list of options should NOT be read out loud.

**Before you begin to administer the survey**:

* Assign User IDs to each respondent. The ID should be unique to each respondent and should not contain the person’s name or other identifiable information. The link between name and User ID should be stored in a separate database.
* Decide whether you will conduct the follow-up surveys with these same users after 6 months or 1 year (please see *Measuring Social Impact in the Clean and Efficient Cooking Sector: A How-To Guide* for guidance). You should replace references to “*[6 months (1 year)]*” with the appropriate timeframe throughout this survey.
* For Module C, designate 3 context-specific meals (breakfast, lunch, and dinner) that users are likely to cook. These 3 meals should replace the text currently [*bracketed with italicized orange font*]. These same meals will also need to be used for the follow-up surveys.
* For Module E, discuss what seasons are common in the area where you will be conducting surveys (typically, there is a rainy season and a dry season, but there may be 3 or more seasons) and assign a length to each season. These same designations will also need to be used for the follow-up surveys. Enter in the designation of “Season 1” and “Season 2” and their lengths below, as a point of reference. Replace all instances of “Season 1” and “Season 2” in text [*bracketed with italicized orange font*], with special attention to the tables. For areas with 3 or more seasons, please add rows/response options to the survey prior to commencing data collection.

|  |  |  |
| --- | --- | --- |
|  | **Name of season:** (e.g., rainy season) | **Length of season:** |
| **Season 1:** |  | \_\_\_\_\_\_ months |
| **Season 2:** |  | \_\_\_\_\_\_ months |

**Assign User ID:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Background Information**

**Personal Information**

*Read the following directions aloud to the respondent:*

**Please answer the following questions related to your personal information:**

|  |  |  |
| --- | --- | --- |
| **Q #** | **Question to be read aloud to respondent** | **Answer to be filled in/circled by enumerator** |
| **A1.** | **What is your gender?** | 1. Woman 2. Man |
| **A2.** | **What is your age? ∆**  *(Let the respondent answer and circle the age category corresponding to the respondent’s age)* | 1. 18-29 2. 30-44 3. 45-59 4. 60+ 5. Don’t know |

**Household Information**

|  |  |  |
| --- | --- | --- |
| **A3.** | **How many people live in your household?**  *(Write down number)* | \_\_\_\_\_\_\_\_\_ |

**Product Information**

|  |  |  |
| --- | --- | --- |
| **A4.** | **What was the type/name of the clean cooking product you bought or received from [*the organization*]? \***  (*List options and let respondent choose*) | 1. [*name of product 1*] 2. [*name of product 2*] 3. [*name of product 3*] |
| **A5.** | **How long ago did you buy or receive the [*clean cooking product/device]?***  *(If the respondent provides a date of purchase, please calculate how many days ago this was based on today’s date)* | \_\_\_\_\_\_ days ago |

1. **Household Economic Stability**

|  |  |  |  |
| --- | --- | --- | --- |
| **B1.** | **How many household members (boys and girls) are in between the ages of 0 and 5?**  **And how many between the ages of 6 and 17?**  *(Write down number for each category)* | **Ages 0-5**  Boys: \_\_\_\_\_\_  Girls: \_\_\_\_\_\_ | **Ages 6-17**  Boys: \_\_\_\_\_\_  Girls: \_\_\_\_\_\_ |
| **B2.** | **How many boys and girls in the household attend school?**  *(Skip if there are no children in the household)*  (*Write down number for each category*) | Boys: \_\_\_\_\_\_  Girls: \_\_\_\_\_\_ | |

1. **Usage/Adoption and Cooking Time**

*First ask C1. about option “a.” (concerning use of a three-stone fire over the past [6 months (1 year)])*

*If the respondent says YES, ask question C2. about option “a.” .*

*If the respondent says NO, move to the next row for question C1. (e.g., “b.” concerning use of a fixed mud stove).*

|  |  |  |
| --- | --- | --- |
| **C1. Over the past *[6 months (1 year)]*, before you bought or received the [*clean cooking product/device*], what type of cooking method/device did you use for cooking?**  **Did you use… [*cooking methods/devices a.-n.*]?**   1. Yes 2. No | | **C2. Over the past *[6 months (1 year)]*, approximately how many days per week did you use this stove?**  *If just occasionally or for special occasions, write “occasionally”* |
| **a.** Three-stone fire |  |  |
| **b.** Fixed mud stove |  |  |
| **c.** Local improved wood stove |  |  |
| **d.** High efficiency improved wood stove |  |  |
| **e.** Traditional charcoal stove |  |  |
| **f.** Local improved charcoal stove (ceramic liner) |  |  |
| **g.** High efficiency improved charcoal stove |  |  |
| **h.** Kerosene stove |  |  |
| **i.** LPG stove |  |  |
| **j.** Biogas stove |  |  |
| **k.** Electric stove |  |  |
| **l.** Briquette stove |  |  |
| **m.** Pellet stove |  |  |
| **n.** Other (specify): |  |  |

|  |  |  |
| --- | --- | --- |
| **C3.** | **You mentioned that before buying or receiving the [*clean cooking product/device*], you were mainly cooking with [*insert stoves marked “yes” in question C1*].**  **Let’s say that on an average day, you cooked: [*local meals for breakfast, lunch, and dinner*].**  **BEFORE you bought or received the [*clean cooking device*], how long did it take to cook each of those meals when you were using the previous methods, from the time you lit the fire to the time the food was done cooking and you removed it from the fire?** | 1. ***[local breakfast]*: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ minutes** 2. ***[local lunch]*: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ minutes** 3. ***[local dinner]*: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ minutes** |

1. **Cooking: Dynamics, Drudgery, and Safety & Health**

**Cooking Dynamics**

|  |  |  |
| --- | --- | --- |
| **D1.** | **Before you bought or received the [*clean cooking device*], who was the one doing the cooking? Δ**  (*Let the respondent list and choose the option(s) that best matches his/her response*)  *PROBE*: **Did anyone else help out?**  *(can select multiple)* | 1. Woman 2. Man 3. Girl 4. Boy 5. House-help 6. Other (Specify:\_\_\_\_\_\_\_\_\_\_\_\_\_)   98- Don’t know |
| **D2.** | **Did your husband ever help out with the cooking before you bought or received the [*clean cooking device*]?**  *(Skip if respondent is a man)* | 1. Never 2. Sometimes 3. Always   99- Not applicable |
| **D3.** | **Before you bought or received the [*clean cooking device*], did you do anything else while cooking? (i.e. multi-tasking)** | 1. Yes 2. No 3. Don’t know 4. Not applicable |

**Cooking Safety** **& Health**

*Read aloud to respondent:*

**Now I want to ask you some questions about your experience of health and safety risks while cooking before you bought or received the [*clean cooking device*].**

**I am going to name a health or safety risk, and I want you to tell me how frequently you or other members of your household have experienced it over the past [*6 months (1 year)*]. Please think of all of the different cooking methods and devices you use when answering these questions.**

*First ask “D4.” about option “a.” (concerning burns the respondent may have experienced).*

*If the respondent says YES, ask question “D5.”; if the respondent says NO, ask question “D6.” next.*

*Ask question “D6.,” about option “a.” (concerning burns for other household members).*

*If the respondent says YES, ask “D7.”; if the respondent says NO, move on to the next row (option “b.” concerning eye irritation).*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **YOU** | | **OTHER HOUSEHOLD MEMBER** | |
| **Over the past [*6 months (1 year)*], have you experienced \_\_\_\_\_\_\_\_?**  1- Yes  2- No *(skip to D6.)* | *If yes:*  **How frequently?**   1. Once in a while 2. Sometimes 3. Frequently   98- Don’t know | **Over the past [*6 months (1 year)*], has another household member experienced \_\_\_\_\_\_\_\_\_?**  1- Yes  2- No *(skip to the next row, D4.)* | *If yes:*  **How frequently?**   1. Once in a while 2. Sometimes 3. Frequently   98- Don’t know |
|  | **D4.** | **D5.** | **D6.** | **D7.** |
| **a.** Burns |  |  |  |  |
| **b.** Eye irritation |  |  |  |  |
| **c.** Coughing and sneezing |  |  |  |  |
| **d.** Chest pains |  |  |  |  |
| **e.** Shortness of breath |  |  |  |  |
| **f.** Irritation of nose and throat |  |  |  |  |
| **g.** Other - Specify: |  |  |  |  |

1. **Fuel Procurement: Expenditure, Time Use, Drudgery, and Safety**

**Fuel Procurement:****Expenditure, Time Use, and Drudgery**

*Read out loud:*

**Now I am going to list some fuel types and I want you to tell me whether your household purchased this fuel, collected it, or both during [*Season 1*] only. This refers to the past [*6 months (1 year)*], BEFORE you bought or received the [*clean cooking device*].**

*List out all the fuel types with regard to [Season 1] (these lines are in a light grey color). Ask whether the respondent purchased/collected any of the fuels listed during [Season 1] and mark the box in column “E1b.” either “Y” (yes) or “N” (no).*

*Once you have gone through the whole list of fuel types, read aloud:*

**Now I am going to read some more questions about the fuels that you collected or bought during [*Season 1*].**

*Start with the first fuel marked “Y” for [Season 1] and ask all the questions across that row (“E1c.” – “E1l.”).*

*When you have finished with a fuel type (e.g., purchasing charcoal) for [Season 1], ask the following:*

**Are there any differences in how much of this fuel you purchase/collect, the price, or anything else between [*Season 1*] and [*Season 2*]?**

*If the respondent answers YES, ask all the questions across the row marked “Season 2” for that fuel.*

*If the respondent says NO, you can simply copy his/her response from [Season 1] section to [Season 2] or just write “SAME” across the line.*

***Over the past* [*6 months (1 year)], BEFORE the respondent bought or received the [clean cooking device]***

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Fuel Type** | **Season** | **Did you purchase or collect [*fuel type*] in**  **[*Season 1*]?**  Yes/ No  **Did you purchase or collect [*fuel* type] in**  **[*Season 2*]?** Yes/No | | **How frequently did you purchase/ collect the fuel?** | | **Approximately how much did you purchase/ collect per fuel purchase/ collection trip?** | | | **How much did you**  **spend on each purchase?**2 (*local currency*)  (if applicable) | **Who mostly gathered/ bought the fuel?**31- Woman  2- Man  3- Girl  4- Boy  5- Other/  house-help | **Approximately how far did you/they travel per fuel purchase/ collection trip?** (Km)1  (Distance in one direction, not round-trip) | **How much time did you/they spend on each trip?**  (minutes)  (Round-trip) | **How was the fuel normally transported?**  1- Hands/purse  2- Head/back  3- Push bike  4- Donkey cart  5- Donkey, no cart  6- Car/bus/moped  7- Other  98- Don’t know |
| # of times | Per # of months | Quantity | Unit  (bundle, sack, bunch) | Kg per unit[[1]](#footnote-2),2 |
| **E1.** | **E1a.** | **E1b.** | | **E1c.** | **E1d.** | **E1e.** | **E1f.** | **E1g.** | **E1h.** | **E1i.** | **E1j.** | **E1k.** | **E1l.** |
| ***EXAMPLE: Wood*** | ***Rainy*** | **Purchase?** | *Y* | *1 time* | *2 months* | *1* | *bundle* | *20kg* | *1400 KES* | *1* | *2 km* | *30 min* | *5* |
| ***Dry*** | Purchase? | *Y* | *2 times* | *1 month* | *1* | *bundle* | *20kg* | *1200 KES* | *1,3* | *7 km* | *90 min* | *1* |
| **Wood** | **Season 1** | **Purchase?** |  |  |  |  |  |  |  |  |  |  |  |
| **Season 2** | Purchase? |  |  |  |  |  |  |  |  |  |  |  |
| **Wood** | **Season 1** | **Collect?** |  |  |  |  |  |  |  |  |  |  |  |
| **Season 2** | Collect? |  |  |  |  |  |  |  |  |  |  |  |
| **Animal dung** | **Season 1** | **Purchase?** |  |  |  |  |  |  |  |  |  |  |  |
| **Season 2** | Purchase? |  |  |  |  |  |  |  |  |  |  |  |
| **Animal dung** | **Season 1** | **Collect?** |  |  |  |  |  |  |  |  |  |  |  |
| **Season 2** | Collect? |  |  |  |  |  |  |  |  |  |  |  |
| **Agricultural waste** | **Season 1** | **Purchase?** |  |  |  |  |  |  |  |  |  |  |  |
| **Season 2** | Purchase? |  |  |  |  |  |  |  |  |  |  |  |
| **Agricultural waste** | **Season 1** | **Collect?** |  |  |  |  |  |  |  |  |  |  |  |
| **Season 2** | Collect? |  |  |  |  |  |  |  |  |  |  |  |
| **Charcoal/ Coal** | **Season 1** | **Purchase?** |  |  |  |  |  |  |  |  |  |  |  |
| **Season 2** | Purchase? |  |  |  |  |  |  |  |  |  |  |  |
| **Charcoal/ Coal** | **Season 1** | **Collect?** |  |  |  |  |  |  |  |  |  |  |  |
| **Season 2** | Collect? |  |  |  |  |  |  |  |  |  |  |  |

***Over the past* [*6 months (1 year)], BEFORE the respondent bought or received the [clean cooking device]***

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Fuel Type** | **Season** | **Did you purchase or collect [*fuel type*] in**  **[*Season 1*]?**  Yes/ No  **Did you purchase or collect [*fuel type*] in**  **[*Season 2*]?** Yes/No | | **How frequently did you purchase/ collect the fuel?** | | **Approximately how much did you purchase/ collect per fuel purchase/ collection trip?** | | | **How much did you**  **spend on each purchase?**2 (*local currency*)  (if applicable) | **Who mostly gathered/ bought the fuel?**31- Woman  2- Man  3- Girl  4- Boy  5- Other/  house-help | **Approximately how far did you/they travel per fuel purchase/ collection trip?** (Km)1  (Distance in one direction, not round-trip) | **How much time did you/they spend on each trip?**  (minutes)  (Round-trip) | **How was the fuel normally transported?**  1- Hands/purse  2- Head/back  3- Push bike  4- Donkey cart  5- Donkey, no cart  6- Car/bus/moped  7- Other  98- Don’t know |
| # of times | Per # of months | Quantity | Unit  (bundle, sack, bunch) | Kg per unit1,[[2]](#footnote-3) |
| **E1.** | **E1a.** | **E1b.** | | **E1c.** | **E1d.** | **E1e.** | **E1f.** | **E1g.** | **E1h.** | **E1i.** | **E1j.** | **E1k.** | **E1l.** |
| **Briquettes** | **Season 1** | **Purchase?** |  |  |  |  |  |  |  |  |  |  |  |
| **Season 2** | Purchase? |  |  |  |  |  |  |  |  |  |  |  |
| **Briquettes** | **Season 1** | **Collect?** |  |  |  |  |  |  |  |  |  |  |  |
| **Season 2** | Collect? |  |  |  |  |  |  |  |  |  |  |  |
| **Pellets** | **Season 1** | **Purchase?** |  |  |  |  |  |  |  |  |  |  |  |
| **Season 2** | Purchase? |  |  |  |  |  |  |  |  |  |  |  |
| **LPG/Gas** | **Season 1** | **Purchase?** |  |  |  |  |  |  |  |  |  |  |  |
| **Season 2** | Purchase? |  |  |  |  |  |  |  |  |  |  |  |
| **Kerosene/ Paraffin** | **Season 1** | **Purchase?** |  |  |  |  |  |  |  |  |  |  |  |
| **Season 2** | Purchase? |  |  |  |  |  |  |  |  |  |  |  |
| **Electricity** | **Season 1** | **Purchase?** |  |  |  |  |  |  |  |  |  |  |  |
| **Season 2** | Purchase? |  |  |  |  |  |  |  |  |  |  |  |
| **Other (specify)** | **Season 1** | **Purchase?** |  |  |  |  |  |  |  |  |  |  |  |
| **Season 2** | Purchase? |  |  |  |  |  |  |  |  |  |  |  |
| **Other (specify)** | **Season 1** | **Collect?** |  |  |  |  |  |  |  |  |  |  |  |
| **Season 2** | Collect? |  |  |  |  |  |  |  |  |  |  |  |

1. **Income Earned through Productive Use of the Clean and Efficient Cookstove/Fuel (OPTIONAL)**

|  |  |  |
| --- | --- | --- |
| **F1.** | ***Over the past* [*6 months (1 year)],* did you have a business in which you used a cookstove/cooking device?** | 1. Yes 2. No (*skip to section H*) |
| **F2.** | **What cooking methods/devices did you use for this business? Δ**  (*Let the respondent list and choose the option(s) that best matches his/her response*) | 1- Three-stone fire  2- Fixed mud stove  3- Local improved wood stove  4- High efficiency improved wood stove  5- Local improved charcoal stove (ceramic liner)  6- High efficiency improved charcoal stove  7- Traditional charcoal stove  8- Kerosene stove  9- LPG stove  10- Biogas stove  11- Electric stove  12- Briquette stove  13- Pellet stove  97- Other (Specify: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)   1. Don’t know |
| **F3.** | **What fuels did you use for this business? Δ**  (*Let the respondent list and choose the option(s) that best matches his/her response*) | 1- Wood  2- Animal dung  3- Agricultural waste  4- Charcoal/coal  5- Briquettes  6- Pellets  7- LPG/gas  8- Kerosene/paraffin  9- Electricity  97- Other (Specify: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)  98- Don’t know |

**H. Customer Satisfaction (OPTIONAL)**

*Note: There is no section G in the baseline version of this survey.*

|  |  |  |
| --- | --- | --- |
| **H1.** | **Before you started using the [*clean cooking product*], what motivated you to buy it?**  *(list* ***up to*** *3)*  *(Write down the responses)* | Reason 1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Reason 2:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Reason 3: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

*Read aloud to respondent:* **Thank you so much for your time! Do you have any questions?**

*Continue to the next page.*

*Read out loud:*

**Would it be OK if someone followed-up with you in about [*6 months (1 year)*] to ask you some additional questions?**

**If you agree to this, someone will telephone you in about [*6 months (1 year)*] and ask you if you are interested in participating at that time.**

**Is it OK if someone contacts you in *[6 months (1 year)]*? YES NO**

*If the answer is YES, circle “yes” and ask:*

**Can I please record your contact information?**

***User ID:*** *\_\_\_\_\_\_\_\_\_­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

***Name:*** *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

***Phone number:*** *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

1. 1 *The units for weight and distance can be calculated according to the local context.*

   *2 If respondents have trouble providing either quantity or price of fuel, you can use local market prices to calculate.*

   *3 Note: Here, numbers 1-4 refer to members of the household. School-going children at or below the age of 17 years are referred to as boys and girls, and above 17 years are referred to as men and women.*  [↑](#footnote-ref-2)
2. 1 *The units for weight and distance can be calculated according to the local context.*

   *2 If respondents have trouble providing either quantity or price of fuel, you can use local market prices to calculate.*

   *3 Note: Here, numbers 1-4 refer to members of the household. School-going children at or below the age of 17 years are referred to as boys and girls, and above 17 years are referred to as men and women.* [↑](#footnote-ref-3)