

GENERAL Questionnaire for Social Institutions – schools

*The following has to be filled out before the interview:*

Serial No \_\_\_\_\_ Date \_\_\_\_\_  
 Interviewers name \_\_\_\_\_  
 Name of School \_\_\_\_\_  
 Cluster \_\_\_\_\_ District \_\_\_\_\_  
 Division \_\_\_\_\_ Location \_\_\_\_\_  
 Sublocation \_\_\_\_\_ Village \_\_\_\_\_  
 Beginning time \_\_\_\_\_ End time \_\_\_\_\_

*Introduction*

SECTION A: Detailed information on SI

1. Is the school private or public?  
     1 = private                      2 = public
  
2. Enrolement of school

	Enrolement figures					
	2005		2006		2007	
	Female	Male	F	M	F	M
Day students						
Boarding students						
Holiday tuition						
Number of staff members						
Average number of kitchen staff						
Other (specify)						

3. Is there any school feeding programme in place?  
     1 = yes                      2 = no  
     If yes, when was it introduced? \_\_\_\_\_  
     Who is supporting it? \_\_\_\_\_
  
4. Food supply
  - a) How many times is food cooked per day?
  - b) Which types of food are regularly prepared in the school?
  - c) How many students and staff are regularly provided with food?

Cooking times	Food types 1 = Ugali 2 = Beans 3 = Rice 4 = Stew (vegies, meat)	Number of students provided with food	Number of staff provided with food

	5 = Maize 6 = Tea 7 = others (specify)		
1 = breakfast			
2 = tea break			
3 = lunch			
4 = tea break			
5 = dinner			
6 = other			

5. When are meals offered during the year?

1 = schoold days only

2 = school days including weekend

3 = every day including holidays

4 = others (specify) \_\_\_\_\_

6. Describe school programme

1 = Term 1 – duration \_\_\_\_\_ days

2 = Term 2 – duration \_\_\_\_\_ days

3 = Term 3 – duration \_\_\_\_\_ days

4 = Holidays tuition \_\_\_\_\_ days

5 = others (specify) \_\_\_\_\_ days

7. Number and type of **stoves in use** in the kitchen?

Type	Capacity of stove (pot-size in litres)	Number of stoves
1 = Bellerive	1	
2 = Bellerive boiler		
3 = Institutional Rocket stove	2	
4 = household rocket		
5 = Kisasa		
6 = KCJ		
7 = Kerosine	3	
8 = gas cooker		
9 = electric cookers		
10 = electric boilers		
11 = trad – 3-stone fire		
12 = others (specify) _____		

8. For all schools where a **3 stone fire** is still in use, ask the following question:

Do you use the 3-stone fire: every day \_\_\_\_\_ often \_\_\_\_\_ sometimes \_\_\_\_\_  
for special occasion \_\_\_\_\_ never \_\_\_\_\_

SECTION B: Information on Improved firewood stoves

9. Which kind of stove did you use before you had the improved forewood stove?

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10. Acquisition of improved firewood stoves

- a) What are the prices for improved firewood stoves?
- b) Who bought the stove?
- c) If bouht by the school itself, what was the mode of acquisition?
- d) Since when do you have the stove?

Type of firewood stove	a) Price in KSh	b) Purchased by 1 = school itself 2 = parents 3 = graduate assoc. 4 = donor 5 = NGO 6 = GoK 7 = others (specify)	c) If self-bought, which mode of acquisition:  1 = cash 2 = credit	d) stove since (in years and months)
1 = Bellerive stove				
2 = Institutional Rocket stove				
3 = household rocket				
4 = Kisasa				

11. Condition of the improved stoves present

(own observation; several answers possible):

- **Bellerive stoves:** 1 = good condition,  
2 = worn out metal, 3 = worn out fire chamber, 4 = no firewood shelve,  
5 = missing, broken or blocked chimney, 6 = **sauce pan support ring**,  
11 = broken door, .....**others** \_\_\_\_\_
- **Institutional Rocket stoves:** 1 = good condition,  
2 = worn out metal, 3 = worn out fire chamber, 4 = no firewood shelve,  
7 = cracks on the body, 8 = no/broken pot-rests, 9 = no ash remover
- **Household Rocket stoves:** 1 = good condition,  
3 = worn out fire chamber, 4 = no firewood shelve, 5 = missing, broken or blocked chimney, 7 = cracks on the body, 8 = no/broken pot-rests
- **Firewood Jiko Kisasa one pot or two pots:** 1 = good condition,  
7 = cracks on the body, 8 = no/broken pot-rests, 10 = cracks on the liner, 11 = broken door

SECTION C: Information on Cooking practices

12. Do you cook:  
inside the kitchen (indoor) \_\_\_\_\_ outside (outdoor) \_\_\_\_\_
13. Did the cooks receive information on good cooking practices?  
Yes: \_\_\_\_\_ No: \_\_\_\_\_  
a) If yes, who explained the correct use? \_\_\_\_\_  
b) Which cooking practices were recommended? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
c) Was a user manual provided?  
Yes: \_\_\_\_\_ No: \_\_\_\_\_
14. *Own observation on cooking practices: if the stove is in use*  
1 = use dry firewood Yes: \_\_\_\_\_ No: \_\_\_\_\_  
2 = use few sticks? Yes: \_\_\_\_\_ No: \_\_\_\_\_  
3 = use split firewood? Yes: \_\_\_\_\_ No: \_\_\_\_\_  
4 = use a lid on the pot? Yes: \_\_\_\_\_ No: \_\_\_\_\_  
5 = good ventilation? ..... Yes: \_\_\_\_\_ No: \_\_\_\_\_  
*For Bellrive only:*  
6 = closed door? Yes: \_\_\_\_\_ No: \_\_\_\_\_
- B) *Observe also, whether there is smoke in the kitchen*  
Yes: \_\_\_\_\_ No: \_\_\_\_\_

SECTION D: Fuelwood information

15. Which units does the school use to measure the amount of firewood used?  
1 = money spent  
2 = pick up load → equivalent in tonnes \_\_\_\_\_ t  
3 = truck load → equivalent in tonnes \_\_\_\_\_ t  
4 = bundels → equivalent in tonnes \_\_\_\_\_ t  
5 = Tonnes  
6 = others (specify) \_\_\_\_\_ → equivalent in tonnes \_\_\_\_\_ t
16. How do you acquire your firewood (approximate share of mode of acquisition)?  
1 = bought \_\_\_\_\_ %  
2 = from own fuel wood plantation \_\_\_\_\_ %  
3 = student contribution \_\_\_\_\_ %  
4 = other (specify) \_\_\_\_\_ %

17. Total fire wood consumption since improved firewood stoves are in use?

Firewood consumption per year	Amount of firewood consumption <i>(indicate units)</i>	Amount of money spent on firewood <i>(in KSh)</i>
before 2005		
2005		
2006		
2007		

18. If firewood is used, is it:

collected: Yes \_\_\_\_\_ No \_\_\_\_\_ bought: Yes \_\_\_\_\_ No \_\_\_\_\_

If collected, where does it come from? *(several answers possible)*

1= Own farm, 2= Open land 3= Public forest/bush,

4 = Others (specify) \_\_\_\_\_

19. Who collects the firewood? *(several answers possible)*

Women: always \_\_\_\_\_ sometimes: \_\_\_\_\_ never: \_\_\_\_\_

Girls: always \_\_\_\_\_ sometimes: \_\_\_\_\_ never: \_\_\_\_\_

Boys: always \_\_\_\_\_ sometimes: \_\_\_\_\_ never: \_\_\_\_\_

Men: always \_\_\_\_\_ sometimes: \_\_\_\_\_ never: \_\_\_\_\_

Others (specify): \_\_\_\_\_

20. If the firewood is collected:

A) How often do you collect it? \_\_\_\_\_ times per week / per month

B) When do you leave the house? \_\_\_\_\_

C) When do you come back? \_\_\_\_\_

D) *(Fill in the time used for collection: \_\_\_\_\_ hours)*

21. If the firewood is bought, how much money do you spend:

per day: \_\_\_\_\_ or per week: \_\_\_\_\_ or per month: \_\_\_\_\_

22. If you **collect and buy** firewood, how much is bought and how much is collected?

half / half: \_\_\_\_\_ more firewood collected: \_\_\_\_\_

more firewood bought: \_\_\_\_\_

23. *For households, where the main stove is not a 3 stone fire, how was it in the past:*

A) How many times did you go for firewood collection per week, when you were cooking on the 3 stones? \_\_\_\_\_ times

B) How much money did you spend for firewood, when you were cooking on the 3 stones? Per day: \_\_\_\_\_ or per week: \_\_\_\_\_ or per month: \_\_\_\_\_

***For those households without an improved firewood stove the questionnaire ends here!!! ASANTE SANA!!!***

Please continue for those households with an improved firewood stove with the following questions:

SECTION E: Improved firewood stoves (only for households with improved stoves)

24. If the improved firewood stoves are in a **good condition** (see table No. 8), ask:  
Do you do regular maintenance of the stove? Yes; \_\_\_\_\_ No: \_\_\_\_\_  
If No, why: \_\_\_\_\_
25. If any of the improved firewood stoves is **not in a good condition** (see table No. 8) ask:  
A ) Do you see any difference in the performance of the stove compared to its condition when it was new? Yes: \_\_\_\_\_ No: \_\_\_\_\_  
B) If yes, what is the difference: \_\_\_\_\_  
C) Why the maintenance of the stove has not been done?  
No time: \_\_\_\_\_ No money: \_\_\_\_\_ Don't know how to do it: \_\_\_\_\_  
Other reason: \_\_\_\_\_
26. Did you ever replace one of the improved firewood stoves?  
A) Yes: \_\_\_\_\_ No: \_\_\_\_\_  
B) If yes, which stove has been replaced? \_\_\_\_\_  
C) Why did you replace it? \_\_\_\_\_
27. What do you see as an advantage of the improved firewood stove? (*several answers possible*)  
1 = Fuel saving                      2 = cooks fast                      3 = Reduced smoke  
4 = Saves money                      5 = Clean kitchen                      6 = less burns, accidents  
7 = less respiratory diseases      8 = less eye diseases              9 = more comfort  
9 = better taste of food              10 = Other (specify): \_\_\_\_\_
28. What is the most important advantage for you? \_\_\_\_\_
29. Does the improved firewood stove have any disadvantages for you? (*several answers possible*)  
A) Yes: \_\_\_\_\_ No: \_\_\_\_\_  
B) If yes, which ones?  
1 = not possible to sit around the fire,      2 = not possible to roast maize / meat  
3 = takes more time to cook                      4 = can't cook on big pots                      5  
= needs maintenance                      6 = can't cook certain meals  
7 = can't use wet wood                      8 = Other (specify) \_\_\_\_\_
30. What is the biggest disadvantage for you? \_\_\_\_\_
31. How much did you pay for your improved stove?

Firewood Jiko Kisasa – one pot	KSh
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Firewood Jiko Kisasa – two pots	KSh
Firewood Kuni Mbili	KSh
Rocket Mud Stove – one pot	KSh
Rocket Mud Stove – two pots	KSh

32. How did you know about the improved stoves for the first time? (*several answers possible*)

- 1 = Radio                      2 = TV                      3 = brochure, leaflet, calenders  
4 = neighbours, family, friends                      5 = public meeting, field days  
6 = NGOs                      7 = producers                      8 = marketing groups  
9= installers                      10 = Others (specify) \_\_\_\_\_

33. *As you are coming now to an end, please ask the Mama, whether she would like to add anything to this interview:* \_\_\_\_\_

***ASANTE SANA***