REPUBLIQUE DU CAMEROUN Paix – Travail – Patrie

> INSTITUT NATIONAL DE LA STATISTIQUE



REPUBLIC OF CAMEROON
Peace – Work – Fatherland

NATIONAL INSTITUTE OF STATISTICS

FIRST NATIONAL SURVEY ON ACCESS TO ENERGY (ENACE 1)

HOUSEHOLD QUESTIONNAIRE

CONFIDENTIAL AND NOT FOR TAX PURPOSES

Information collected during this survey is strictly confidential under Law No. 91-023 of 16 December 1991, on Census and Statistical Surveys which mentions in its article 5 that "individual information related to economic or financial situation recorded in any statistical survey form should never be used for control or economical repression".

SECTION 00 : GENERAL INFORMATION

A – HOUSEHOLD IDENTIFICATION

	URVEY REGION:		_	_
	LUSTER SERIAL NUMBER :			
	TRUCTURE NUMBER INSIDE THE CLUSTER :			_
S0Q4 SI	ERIAL NUMBER OF THE SAMPLE HOUSEHOLD :			
B – HOU	USEHOLD INFORMATION			
S0Q5	DIVISION:			
S0Q6	SUBDIVISION /COUNCIL:			
S0Q7	VILLAGE/QUARTER OF TOWN :			
S0Q8	STRATUM OF RESIDENCE :			
	1 = Urban Stratum $2 = Semi urban stratum$ $3 = Rural stratum$	stratum		
S0Q9	NAME OF HOUSEHOLD HEAD:			
S0Q10a	Phone contact? $1 = Yes$ $2 = No$ (If No, go to Q11)			
S0Q10b	If Yes, 1 st phone N°: _			
		A 1.*	. 1	
S0Q11	GPS coordinates: Longitude : latitude :		tude :	·
S0Q12	GPS coordinates: Longitude: latitude: NUMBER OF PERSONS IN THE HOUSEHOLD (Including v		tude :	
S0Q12	NUMBER OF PERSONS IN THE HOUSEHOLD (Including very second		tude :	·
S0Q12 C - DAT S0Q13	NUMBER OF PERSONS IN THE HOUSEHOLD (Including versions) TA COLLECTION INFORMATION INTERVIEWER:		tude :	·
S0Q12 C - DAT S0Q13 S0Q14	NUMBER OF PERSONS IN THE HOUSEHOLD (Including version in the House		tude :	
S0Q12 C - DAT S0Q13 S0Q14 S0Q15	NUMBER OF PERSONS IN THE HOUSEHOLD (Including versions) TA COLLECTION INFORMATION INTERVIEWER: CONTROLLER: SUPERVISOR:			 _ _ _ _019_
C - DAT S0Q13 S0Q14 S0Q15 SQ16	NUMBER OF PERSONS IN THE HOUSEHOLD (Including value) TA COLLECTION INFORMATION INTERVIEWER: CONTROLLER: SUPERVISOR: SURVEY DATE:	visitors)		
S0Q12 C - DAT S0Q13 S0Q14 S0Q15 SQ16 S0Q17a	NUMBER OF PERSONS IN THE HOUSEHOLD (Including versions) TA COLLECTION INFORMATION INTERVIEWER: CONTROLLER: SUPERVISOR: SURVEY DATE: Starting hour mn SOQ17b E	visitors)		
S0Q12 C - DAT S0Q13 S0Q14 S0Q15 SQ16 S0Q17a	NUMBER OF PERSONS IN THE HOUSEHOLD (Including versions) TA COLLECTION INFORMATION INTERVIEWER: CONTROLLER: SUPERVISOR: SURVEY DATE: Starting hour hour h mn SOQ17b E	visitors)		 _ _ _ _0_ _1_ _9_
S0Q12 C - DAT S0Q13 S0Q14 S0Q15 SQ16 S0Q17a SQ18	NUMBER OF PERSONS IN THE HOUSEHOLD (Including value of the control	visitors)		
S0Q12 C - DAT S0Q13 S0Q14	NUMBER OF PERSONS IN THE HOUSEHOLD (Including of the control of th	visitors)		 _ _ _9_

ENACE 1 Page 1

SECTION 01: CHARACTERISTICS OF HOUSEHOLD MEMBERS

OI.I. COMPOSI TION OF HOUSEHO LD	Names and firstnames of household members																	
	Make an exhaustive list of all household members, starting with the household head and ask the following questions for each member.																	
S1Q1	Serial number	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17
S1Q2	Of which sex is (Name)? 1= Male 2= Female	<u> </u>	<u> </u>	<u> _ </u>				<u> </u>	<u> </u>	<u> </u>		<u></u>	<u> _ </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>
S1Q3	What is (Name's) relationship with the household head? SEE CODES	_0 1_		_ _					_									
S1Q4	How old is (Name)? Record the age in complete years. (95 for age >= 95 and 98 for DK) (IF AGE < 10 YEARS, go to S1Q6)	_ _		_ _	_		_ _	_ _				_ _					_ _	
S1Q5	What is (<i>Name</i>)'s marital status ? SEE CODES		<u> </u>									<u> </u>	<u> </u>	<u> </u>				<u> </u>
S1Q6	What is (Name)'s nationality?															<u> </u>		<u> </u>
S1Q7a	Does (Name) usually live in this household? 1=Yes 2=No			<u> </u>				<u> </u>							<u> </u>		<u> </u>	
S1Q7b	Did (Name) spend last night in this household? 1=Yes 2=No	<u> </u>		<u> </u>		<u></u>		<u></u>	<u> </u>					<u> </u>				
					F	or person	s aged 3 y	ears or a	bove									
S1Q8	Has (Name) ever been to school? I=Yes 2=No if No, move to next person																	
S1Q9	N. What is (<i>Name</i>)'s highest level of study?	<u> </u>																
S1Q9	C. What is the last class completed with success by (<i>Name</i>) at that level? SEE CODES	<u> </u>	<u> </u>	<u> </u>	<u> _ </u>			<u> </u>	<u> </u>		<u> </u>	<u> </u>			<u> </u>		<u> </u> _	
S1Q10	What is (<i>Name</i>)'s highest certificate? SEE CODES								_						<u> </u>		<u> _ </u>	

R. Verif	v that all the m	embers of the	household have	heen recorded	and tick this box	
<u>D</u> . vein	y mat an me n	ichibers of the	nouscholu nave	been recorded	and tick tins bux	

	1	Codes S1Q3		C	Codes S10)5			Code S1Q) 6	
01 = Household head 02 = Spouse of the household Head 03 = Son or daughter 04 = Son in law or daughter in law 05 = Grandson/Grand daughter 06 = Father/Mother	09 = Direct Neph 10= Nephew/Nie	rother/Sister 13= Other relative irect Nephew/Niece 14= With no relationship lopted/fostered/Child of one 98= DK		2	1 = Single 2 = Married monogamous 3 = Married polygamous		5 = Divorced/Separated 6 = In free union 3		1= Camerou 3= Nigeria Europe 7= China		AC country 5= France 6= Rest of 9=Rest of the world
Codes S1Q10				'	C	Codes S1Q9					
1 = No CERTIFICATE 2 = CEP/CEPE/FSLC		PRESCOLAR NEVER BEEN									
3 = BEPC/CAP/GCEOL	LEVEL	SCHOOL=		SECONDARY 1st	Cycle = 2	SECONDAIRI	E 2nd Cycle = 3	HIGH	$\mathbf{ER} = 4$		DK = 8
4 = PROBATOIRE/BP 5 = BAC/GCEAL/BEP/BT 6 = BTS/DUT/DEUG 7 = LICENCE 8 = MAITRISE/MASTER/DEA 9 = DOCTORAT/PHD	CLASS	1	0= Less than 1 year 1= SIL/Class1 2= CP/CPS/class2 3= CE1/Class3 4= CE2/Class4 5= CM1/Class5 6= CM2/Class6/7 8= DK	0= Less than 1 year 1= 6è/1ère A.T/Form 2= 5è/2è A.T./Form 2 3= 4è/3è A.T./Form 3 4= 3è/4è A.T./Form4 8= DK	2	0= Less than 1 ye 1= 2nde G ou T/F 2= 1ère G ou T/L 3= Terminale G o 8= DK	Form 5 ower 6	0= Less than 1= 1 st year 2= 2 nd year 3= 3rd year 4= 4th or 5000 5= 6 th year 8= DK	th year		
Section 02 : ECONO	OMIC ACT	IVITY AND	OUT-OF-EMPLO	YMENT IN	COME	OF HOUS	SEHOLD	MEMB:	ERS (For	persons aged 10 y	years or more)
				FCONOMIC						,	•

	ECONOMIC ACTIVITY ECONOMIC ACTIVITY											
S2Q1	Did (Name) exercise any paid or unpaid economic activity during the past 7 days or is name having an employment? 1= Yes 2= No if Yes, go to S2Q1a			<u> </u>		<u> _ </u>						
S2Q1a	Although (Name) declares that he/she did not work during the last 7 days and that he/she does not have any employment, did he/she carry out one of the following activities during the last 7 days, at home or elsewhere? 01 = Working in a private business 06 = As an apprentice, paid or not 02 = Making a product for sale 07 = As a student who does a job 03 = Working at home for an income 04 = Rendering a service for an income 05 = Helping in a family business 06 = As an apprentice, paid or not 07 = As a student who does a job 08 = Working for another household 09 = Any other activity for an income 10 = No such activity go to \$2Q7\$											
S2Q2	What is the socioprofessional category of (Name) in this employment or in this activity? Is (Name)a: 01 = Senior executive, engineer and assimilate 02 = Medium executive, foreman 03 = Qualified employee/Skilled labourer 04 = Semi-skilled employee/ Semi-skilled labourer 05 = Labourer 08 = Family Aid 09 = Paid or non paid apprentice, intern 09 = Labourer 09 = Unclassifiable (Describe)											
S2Q3	The enterprise in which (Name) exercises his/her main employment (or that he/she manages) is: 1 = A public administration 5 = International Organization 2 = Public or parapublic enterprise 6 = Associative enterprise (cooperative, NGO, syndicate, etc) 3 = Non agricultural private enterprise 7 = Household (house worker) 4 = Agricultural exploitation (plantation, farm, rearing, fishing,)			<u> </u>								
S2Q4	Does the structure in which (Name) exercise his/her main employment (or that he/she manages) have a taxpayer's number 1= Yes 2= No 3= Does Not Know		<u> </u>									
S2Q5	Does the enterprise in which (Name) exercise his main employment (or that he/she manages) keep formal accounts? 1= STR or formal accounts			LI	Ш							

S2Q6	employment 1= Yes (If [S2Q2= 06 or 07] and [S2Q4= 2= No (if other combination of answer]	for S2Q2, S2Q4 and S2Q5) GO to S2Q7	<u> </u>		<u> _ </u>	<u> </u>	<u> </u>
S2Q6a	Does this IPU use one of the following forms of of a life of the following forms of of the follo						
S2Q6b	the household needs from the one used for the	gy used by the IPU, quantify distinctively the share used for activities of the IPU?					
		for that work, including advantages in cash or in kind? ven 02 = Yearly evaluation the amount is given					
S2Q7	Monthly income interval 10=Less than 36 270 Fcfa 11= [36 270, 50 000[12= [50 000, 100 000 [13= [100 000, 200 000 [14= [200 000, 400 000 [15 = [400 000, 800 000 [16 = 800 000 Fcfa or more	Yearly income interval 20= Less than 200 000 Fcfa 21= [200 000, 400 000 [22= [400 000, 800 000 [23= [800 000, 1 500 000 [24= [1 500 000, 3 000 000 [25= [3 000 000, 5 000 000 [26. 5 000 000 Fcfa or more					
S2Q8	Is (Name) having at least a secondary emplo If No, go to the next section						
S2Q9	01 = Senior executive, engineer and assimilate 02 = Medium executive, foreman 03 = Skilled labourer/employee 04 = Semi-skilled employee/labourer 05 = Labourer	e) in his/her most important secondary employment? 06 = Employer (Boss) 07 = Own account Worker 08 = Family Aid 09 = Paid or non paid apprentice, intern 10 = Unclassifiable (Specify)					
S2Q10	Does the enterprise in which (Name) exercises hi number? 1= Yes 2= No 3= Does not know	s/her most important secondary employment have a tax payer's	<u> </u>				

S2Q11	1= STR or formal accounts 2= Undetailled a 4 Other (specify)	,	<u> </u>			<u> </u>
S2Q11a	3 = Non-agricultural private enterprise 4 = Agricultural exploitation (plantation, farm, rea	5 = International Organization Associative enterprise (cooperative, NGO, syndicate, etc.) 7 = Household (House worker) ring, fishing,)				
S2Q12	secondary employment. 1= Yes (If ([S2Q8= 06 or 07] and ([S2Q9= 2= No (if other combination of answers])	for S2Q8, S2Q9 and S2Q10)				
S2Q12a	Does this IPU use one of the following form of ence 1 = Yes 2 = No A) Electricity (hydraulic, solar, wind, etc.) B) Domestic Gas (GPL) C) Super D) Gazoil E) Biogaz F) Charcoal G) Cooking firewood H) Kerosene I) Candle J) Bateries K) Car batteries L) Farm residus M) Animal excretas N) Wood waste O) Other (specifiy)					
S2Q12b	for the household needs from the one used for t 1= Yes 2= No					
	advantages in cash and in kind?	from all the secondary employments of (Name), including the ven 02 = Annual evaluation: the amount is given	_			
S2Q13	Monthly income interval 10=less than 36 270 Fcfa 11= [36 270, 50 000[12= [50 000, 100 000 [13= [100 000, 200 000 [14= [200 000, 400 000 [15 = [400 000, 800 000 [16 = 800 000 Fcfa or more	Annual income interval 20= less than 200 000 Fcfa 21= [200 000, 400 000 [22= [400 000, 800 000 [23= [800 000, 1 500 000 [24= [1 500 000, 3 000 000 [25= [3 000 000, 5 000 000 [26. 5 000 000 Fcfa or more				
	ı	OUT-OF-EMPLOYMENT	TINCOME	L	<u>I</u>	

S2Q14	Apart from employment income, does (Name) receive the following to	types of income?					
	A- Work pension (Retirement pension, invalidity pension due to an industrial)	1 = Yes 2 = No If no (code 2) => \(\Boxed \) \(\text{type of income} \)	<u> </u>	<u> </u>			
		Annual amount (in Fcfa)					
	B- Other pensions(food pension, pension to widows or to orphans)	1 = Yes 2 = No If no (code 2) =>Next type of income			<u> </u>	<u> </u>	<u> _ </u>
		Annual amount (in Fcfa)					
	C- Scholarship for studies (Incomes received by some students for their school fees)	1 = Yes 2 = No If no (code 2) =>Next type of income					
		Annual amount (in Fcfa)					
	D- Land or estate incomes (Income from the letting of buildings or unbuilt lands	1 = Yes 2 = No If no (code 2) =>Next type of income	<u> </u>		<u> </u>	<u> </u>	<u> _ </u>
		Annual amount (in Fcfa))					
	E- Income from transferable properties(Income from shares, bonds or liabilities that the respondent has in an enterprise or on the State,	1 = Yes 2 = No If no (code 2) =>Next type of income					
	income from financial investment (savings), resale of shares , etc .)	Annual amount (in Fcfa)					
	F- Exceptional and occasional incomes in cash or in kind (Gain from lottery, money found or picked, refunds received fom	1 = Yes 2 = No If no (code 2) =>Next type of income					
	insurance companies, sales of lands and houses)	Annual amount (in Fcfa)					

SECTION 03: CHARACTERISTICS OF THE HABITAT

S3Q1. Type of lodging		S3Q2. Main walls material		S3Q3. Main roof material of the lodging				
01=Tent/Hut 02= Isolated house 03= House with several lodgings 04= Modern villla 05=Duplex 06=Manshion 07= Building with appartments 08= Compound/Saré	NATURAL MATÉRIAL 01=No wall 02= Bamboo/cane/palms/trunk 03= Ground	RUDIMENTARY MATERIAL 04= Bamboo with mud 05=Stones with mud 06= Adobe not covered 07= Plywood 08= Cartoon 09= Recovered wood	IMPROVED MATERIAL 10=Cement 11=Stones with cement/limestone 12=Bricks 13=Blocks of cement 14=Covered Adobe 15=Wooden board/shingles 16=Other (specify)	NATURAL MATÉRIAL 01=No roof 02= thatch/fins/leaves 03= mounds of soil	RUDIMENTARY MATERIAL 04= Wooden boards 05=mat 06=Palms/bamboo 07= Carton/tarp	IMPROVED MATÉRIAL 08=Metal sheet 09=Wood 10=Zinc/cement fibre 11=Cement 12=shingles 13= Other (specify)		
S3Q4. Main floor materia	1		S3Q5. What is in m ² , the surface area of your lodging?	S3Q6. Wha	t is the occupancy sta	atus of your dwelling		
NATURAL MATÉRIAL 01=Ground/sand 02= Dung	RUDIMENTARY MATERIAL 03= Wooden boards 04=Palms/bamboo	IMPROVED MATÉRIAL 05=Flooring or waxed wood 06=Vinyl/Asphalt Strips 07=Tile/marble 08=Cement	(write 950 if 950 m² or more)	1= Owner 2= co-owner 3= Tenant				

-									
			09=Moquette		4= Hosted (relative, friend, employer)				
			10= Other (specify)						
			<u> </u>		<u> </u>				
S3Q7. Total number of:		S3Q8. V	What is the main source of lighting of y	your household?	S3Q9. Total number of rooms of the lodging/rooms for sleeping				
A. Palour :					A- What is the total number of rooms of your lodging?				
			osene lamp		Total:				
B. Dining room:			ate AES-SONEL /ENEO meter ective meter (main user) AES-SONEL /ENEO		1 0 to 1				
			ective meter AES-SONEL/ENEO without division	ional meter	NB: Here, only the main rooms (bedrooms, dining rooms, living rooms, offic				
C. Modern bathroom:			ective meter AES-SONEL/ENEO with division		etc.) are considered for the total number of rooms of the lodging. Secondary rooms				
D. Traditional bathroom:	1	06= AES	-SONEL without meter (direct)		like kitchens, bathrooms, antechambers, corridors etc. are not considered as rooms.				
D. Traditional bathroom .		07= Stan	dby generator		Secondary rooms are considered as rooms in case they are frequently used by				
E. Modern kitchen:		08= Gas			household members for sleeping				
	<u>—</u> I	09=Solar			B- How many rooms do you use for sleeping?				
F. Traditional kitchen:	[r lamp/torch		b- now many rooms do you use for sleeping?				
		96= Othe	er (specify)						
					For sleeping				
3Q10. What type of toilet facility do you use in your			S3Q11. What is your main mode of	drinking water supply?					
household?	3 3								
	Hole/latrines		01= Private tap SNEC/CAMWATER/CDE		12= Non harnessed well				
	06= Enhanced Ventilated Latring	es (LAV)	02= Common tap SNEC/CAMWATER/CDE (main	user)	13= Harnessed source				
01= Connected to Sewerage system	07= pit latrines with slab		03= Common tap SNEC/CAMWATER/CDE without		14= Non harnessed source				
02= connected to septic tank	08= pit latrines without slab/oper	n hole	04= Common tap SNEC/CAMWATER/CDE with in		15= Rain water				
03= Connected to latrines 04= Connected to something else	09= Compost toilet 10= Buckets		05= Retailer of water from tap SNEC/CAMWATER 06= Other common tap	COE	16= Lorry-tank 17= Cart with small tank/drum				
05= Connected to unknown	11= Hanging toilet/latrine		07= Public water tap		18=Surface water (stream, river, dam, lake, pond, irrigation canal)				
place/not sure/DK	12= No toilet/bush/farm		08= Other common tap		19= Bottled water (mineral)				
1	96= Other (specify)		09= Sinking well		20=Water in sachet				
			10= Well with pomp		96= Other (specify)				
			11= Harnessed well						
S3Q12. How do you get					S3Q14. Does your household share these toilets with other				
	S3Q13. How do you get	t rid of a	lirtv/worn water?		households? If yes, with how many households				
waste?	55Q15. 11011 do you go	cria or a	mey/worn water.		7				
1 = Pick up by lorry//refuse vat	1 = poured into yard/roadway				A. Shares these toilets with other households				
/private collection	2 = poured into ditch/gutter				1= Yes				
2 = thrown into the nature	3 = poured into the skeptical pit				1- 105 2-100				
3 = Buried/burned	4 = into the river/stream 5 = poured into the nature								
4 = Recycled	6 = Other (specify								
6 = Other (specify))				B. Number of households with which toilets are shared				
)									
<u></u>					, 				

SECTION 4 – HABITS AND ENERGY PRACTICE IN HOUSEHOLDS

4.1 FUELS USED

de ligne	Energy sources First ask question A1 for all energy sources before coming back for each energy source used in the household, from question A2 to A8	A1. During the past 30 days, has your household used the (Name of fuel) 1 = Yes 2 = No Go to the next line.	A2. What is the place of supply for (Name of fuel) 1= Market 2= Shop 3= Warehouse 4= Station 4= Hawker seller 5= Collection/Picked-up 6= Auto produced 9= Other (specify)	A3. How persons i househol taken responsit supply th househol (Name o during th days?	n the d have pility to e d with f fuel)	A4. Who supplied your household with (Name of fuel) the very last time? Person's name and code	A5. How long did person who suppli household last tim (Name of fuel)?	ied the		household is the nearest point of supply for (Name of fuel) apprecia accessibit to (Name fuel) 1 = Easy 2 = Diffice		A8. What are the security measures put in place by your household in using (Name of fuel) CF Codes	A9. Has your household ever suffered damage as a result of using (Name of fuel)? 1= Yes 2= No
» Š				Man	Woman		Time unit 1= Minute 2= Hour	Number	Unit of measurement 1= m 2= Km	Number			
1	Domestic Gas (LPG)												
2	Super												
3	Gas												
4	Biogaz												
5	Charcoal												
6	Firewood												
7	Kerosene												
8	Candle												
9	Batteries												
10	Car batterie												
11	Agric residues												
12	Animal wastes												
13	Wood wastes												
14	Other (specify)												

4.2: CONSUMPTION OF DOMESTIC FUELS

	Energy sources	days, did you use (Name of fuel) for the following tasks? 1= Yes exclusive 2= Yes main 3= Yes as rescued 4= No If 1, 2 or 3, go to C3		C2. In the past, did you use (Name	C3. What quantity consume for each of		at you usually		C4. How much do	C5. Frequency of using (Name of fuel) for each task	C6. Which main	C7. Which main inconvenience	C8. Reasons for non- use/less frequent use (If answer= 4 go to C1	C9. Do you intend to use (Name of
Line N°				each of the following tasks? 1= Yes exclusive each of the following tasks? 2 or 3, go to C3 2 or 3, go to C3 2 each of the following tasks? 1= Yes exclusive 2= Yes main 3= Yes as rescued 8= No If 1, 2 or 3, go to C6, if 4 go to C8 Oking In Day 2 Week 3= Month 4= Term 5= Semester 6= Year		Unit of measu Rement 1= Kg 2= Fagot 3= Heap 4= Litre 5= Num ber 6= Not concerned		you spend (in FCFA) to get that quantity?	1= Regularly 2= Often 3= Occasionally 4= Scarcely	advantage does the usage of (Name of fuel) have for each task?	does the usage of (Name of fuel) have for each task? See codes	(in answer-4g) to C1 /3 or 4 to C5) 1= None 2= Difficult to find 3= High cost 4= Not adapted/Not relevant 5= No device 9= Other (specify)	fuel) during the next coming 12 months for each task? 1= Yes 2= No	
1	Domestic Gas	A-Cooking												
	(LPG)	B-Warming				<u> </u>					<u> </u>	ii		
	•	of food or water C-Lighting	1 1	1 1	1 1					1 1	1 1	1 1		
		T-Total					100							
2	Super	A-Fuel					100							
	r	B- Electric												
		production			,,	,								
		C-Other					100							
2	Cas	T-Total A-Fuel					100							
3	Gas	A-Fuel B- Electric												
		production												
		C-Other											<u> </u>	
		T-Total					100							
4	Biogaz	A-Cooking												
		B- Warming												
		C-Lighting												
		D-Other					400							
_	CI I	T-Total	<u> </u>				100							
5	Charcoal	A-Cooking												
		B-Space warming C-Warming of					 							
		water and food												
	ļ	D-Lighting												
		E- Other												
		T-Total					100							
6	Firewood	A-Cooking												
		B-Space warming												
		C-Warming of water and food												
		D-Lighting												
		E- Other												
		T-Total					100							
7	Kerosene	A-Cooking					100							

		B-Warming of																			
		water and food							.												
		C-Lighting														_					
		D- Other v				_		100								_					
	~	T-Total				_		100								_					
8	Candle	A-Lighting				_										_					
		B- Other				_										_					
		T-Total						100	1												
9	Batteries	A-Lighting				_										_					
		B-Radio														_					
		T-Total																			
10	Car batteries	A-Lighting				_															
		B-Radio/TV										_				_					
		T-Total						100							-						
11	Agric residues	A- Cooking																			
		B-Lighting														_					
		C-Space warming														_					
		D-Warming of water and food										_				_					
		E-Other		1 1	1	1	1 1		1 1 1	1 1	1	1 1	II I	1 1	1	1	1		1 1		
		T-Total				_		100								_					
12	Animal waste	A- Cooking			<u> </u>	_		100					I			<u>-</u>			<u> </u>		
12	Allilliai waste	B-Lighting			<u> </u>	_							I			<u>-</u>			<u> </u>		
		C-Space warming			<u> </u>	_							I			<u>-</u>			<u> </u>		
		E- Other				_	<u> </u>					_	<u> </u>		<u> </u>	<u>-l</u>	<u> </u>		<u> </u>	+	
		T-Total		<u> </u>	 	<u></u>	<u> </u>	100		<u> </u>			<u> </u>			<u>-l</u>	<u> </u>		<u> </u>	+	
13	Wood waste	A-Cooking		<u> </u>			<u> </u>	100		- 		<u></u>	<u> </u>		<u> </u>	<u>-</u> !	<u> </u>			-	
-5	coa maste	B-Lighting								- 	 		<u> </u> _ _			<u>-</u> !	 				
		C-Space warming											<u> </u>				<u></u>				
		E- Other				_		†		 		<u></u>	<u> </u>			<u> </u>					
		T-Total				_	<u> </u>	100				<u></u>	 -		<u> </u>	<u>-</u> !	<u> </u>		<u> </u>		
14	Other (specify)	A-Cooking				_	<u> </u>	100				<u></u>	<u> </u>		<u> </u>	<u>-</u> !	<u> </u>		<u> </u>		
<u> </u>	canor (specify)	B-Lighting		<u> </u>	-		II		-			_			<u> </u>	ı	<u> </u>		 	-	
		C-Warming		<u> </u>	 	_	<u> </u>	1								_	<u> </u>				
		E-Other				_	<u> </u>	+		-		_				_					
		T-Total				_	<u> </u>	100								_					
		1-10(a)				_		100								_					
[Code A8										e for C					le de C7					
	A= I have the fire extinguisher B=								02= 03= 04=	01= Economic 02= Easy to use 03= Less costly 04= Easily accessible/available		06= Less dirty/propre 07= Securing 08= None 09= Less tiring 10= Other (specify)	02= 03= 04=	01=Not economical 02= Hard to use 03= More costly 04= Hardly accessible/unavailable		07= Odor in food 08= Dangerous/risk of fire 09= None 10= Other (specify)					
										Does n			10- Outer (specify)	05=	Poluate More d	much		10- Other (sp	cony)		

4.3 ELECTRIC AND RENEWABLE ENERGY

Line N $^{\circ}$	ELECTRICITY SOURCES Now, i would like to ask you questions on your electricity source(s)	S01. Did your household use electricity from (Name of electricity source) during the last 30 days? First ask question S01 for each source Then, go to questions S02 - S05 for each question for which the answer at SE01was « YES » [1]. Yes1 No2=>S06	electricity source) in your household? List out up to five usage in order of importance. 1=Lighting 2=TV/Radio 3=Fan/Air conditioner 4=Freezer 5=Cooking 6=Pumping of water 7=Ironing 3 8=Other small household appliances		S03. On what base do you pay your energy consumption from (Name of electricity source)? 1=Direct meter 2=Individual meter 3= Lump sum 4=Auto-produced 5= Does not pay	of electrici household d	re the quantition to consume the quantition to consume the last of	1 in your 3 months?	electricity bill	S05. What is the amount of the electricity bills consumed in your hou (See light bill if possible)				
1	Electric network (ENEO)		usage	usage 	usage	usage	usage		LIII			L	LIIIIIII	
2	Generator			<u> </u>					L_ _			LIII		
3	Community micro dam													
4	Solar energy									L				
5	Wind energy						<u> </u>		LIII					
6	Other type of energy (biomass, biogas, car battery, etc)								IIII	L1 1 1 1	IIII			L_II_IL_

Line N°	ELECTRICITY SOURCES	S06. What was the frequency of power cut from (Name of the source) during the past 3 months? 1= Much less frequent 2= Less frequent 3= Frequent 4= Frequent enough 5= Much frequent 6= No interruption	S07. How many days did your household undergo a power cut from (Name of the source) during the past 7 days? If 0 day, go to	S08. On average, how many hours per day did the power cut last?	S09. According to you, what was the main cause of this power cut from (Name of the source) in your household? 1= Aging of installations 2= Technical failure 3= Rationing/power cut 4= Unpaid bill 8= Does Not Know 9= Other (specify)	S10. What security measure do you take in your household in order to avoid or to limit the incidents related to the use of electric energy from (Name of the source)? SEE code	S11. Was your household ever connected to the electric energy from (Name of the source) in the pass? 1 = Yes 2 = No	S12. For which main reason do you not/do you not/do you no longer use the electric energy from (Name of the source) in your household? 1= Lack of means 2= Not available in the locality 3= High cost 4= Hard maintenance 9= Other (specify)	S13. Do you intend using the electric energy from (Name of the source) during the next 12 months? 1= Yes 2= No	S14. How much did the connection or the acquisition of production appliances of (Name of the source)?
1	Electric network (ENEO)									
2	Generator									
3	Community micro dam									
4	Solar energy									
5	Wind energy									
6	Other type of energy (biomass, biogas, car battery, etc)					LI				
	Transcribe the answers of the follow		/ Se	01-6 = // if	S01-5= 1 or S01-6=1 then ask S13	5, if No, go to S16				
S15	What is the source of that end 1= Solar/wind power plant by 2= Solar/wind power plant by 9= Other (specify)	ailt by the council		3= Solar/wi 4= Private de	ind power plant built by an envice bought	nterprise/NGO				
S16	Check S01-1: If 1 (the house	ehold uses ENEO elec	tricity) then go to	S16, if not, m	ove to the next section					
S17	Which type of bulbs do you mainly use? 1=Incandescent Bulbs/ High Efficiency Halogen Bulb 2= Fluorescent tube/Neon tube 3= Compact fluorescent bulb/LED bulb									
S18	In order to reduce your energ 1= Yes 2= No	y consumption, do you 3= Not co		g your present	bulbs with more economic bu	ulbs?				
S19	Apart from the freezer and th		, ,	g any other app	pliances when you are not usi	ing them? 1=	= Yes	2= No		
S20	Do you put off the bulbs in the $1 = \text{Never}$ $2 = \text{Rarely}$ $3 = \frac{1}{2}$		of your lodging?							

SECTION 05: HOUSEHOLD ENERGETIC EQUIPMENT

o	E1. Equipment	E2. Does your household possess (Equipment name)? 1=Yes 2=No	E3. How many (Equipment name) are used in your household?	E4. On average, how many days per week do you use (Equipment name) in your household?	E5. On average, do use (Equipm per day it is used 1= mn 2= hour	nent name) d?	E6. What type of energy is mainly used in your household in order to supply (Equipment name)?	E.7 In which state did you acquire the last copy of (Equipment name) used in your household?	E8. Since how long did you acquire the last copy of (Equipment name)		E9. Do you intend acquiring another (Equipment name) in the 12 coming months? 1=Yes 2=No
Serial N°					Time unit 1= minute 2= hour	Number	CF CODE	1= New 2= Second hand	Time unit 1= Day 2= Month 3= Year	Number	
1	Car										
2	Motorbike / mobylette										
3	Radio set										
4	TV set										
5	Parabolic antenna /decoder										
6	CD/DVD/VCD reader										
7	Musical set										
8	Cooker										
9	Kerosene stove										
10	Gas stove/plate										
11	Micro-onde/Oven										
12	Heating plate										
13	Improved fire side										
14	Traditionna fire sidel (three stones)										
15	Water heater										
16	Coffee machine				<u> </u>	<u> </u>					
17	Gas bottle										
18	Fan										
19	Air conditionner				<u> </u>						
20	Fridge/Refrigirator										
21	Freezer										
22	Cell phone										

23	Office computer			<u> </u>			 			
24	Laptop						 			
25	Internet connexion						 			
26	Printer/Photocopier						 			
27	Fax / Telecopier						 			
28	Washing machine/ tumble-dryer									
29	Electric sport Appliance									
30	Food-mill /mixer						 			
31	Generator						 			
32	Iron						 			
33	Suppressor/Water pump									
34	Torch						 			
35	Lamp									
36	Other equipment (specify)									

Code	E5
01= Electricity/Eneo	12= Kerosene
02= Electricity from the generator	13= Candle
03= Community microdam electricity	14= Batteries
04= Solar energy/plate or solar panel	15= Car battery
05= Wind energy	16= Agricultural residues
06= Domestic Gas (LPG)	17= Animal waste
07= Super	18= Waste of wood
08= Gasoil	19= Other (specify)
09= Biogas	
10= Charcoal	
11= Firewood	

SECTION 06: OTHER ELEMENTS OF THE HOUSEHOLD PTRIMONY

S6Q1. Agric tractor/machine	S6Q2. Rickshaw /Cart/ Wheelbarrow	S6Q3. Cow(s), donkey(s), horse (s) for labour	S6Q4. Unoccupied house
Number ?	Number?	Number?	Number?
S6Q5. Exploited land	S6Q6. Terre non exploitée	S6Q7. Maison en location	S6Q8. Etang exploité
a. Number?	a. Number?		a. Number?
b. Surface area	b. Surface area / _		b. Surface area
Surface area code 1= m², if < 1 ha 2= ha	Surface area code 1= m², if < 1 ha 2= ha	Number?	Surface area code 1= m², if < 1 ha 2= ha
NB: 1 ha = 10 000 m ²	NB: 1 ha = 10 000 m ²		NB: 1 ha = 10 000 m ²
S6Q9. Possession If yes, specify below the type (s)and If No, go to the next section.	No		
S6Q10. Cow(s)	S6Q11. Caprines (goats)	S6Q12. Ovines (Sheep)	S6Q13. Pigs)
Number?	Number? _	Number? _	Number? _
S6Q14. Equideouss (Horses/Donkeys)	S6Q15. Rabbit	S6Q16. Guinea pig	S6Q17. Other farmed animals (specify)
Number? _	Number? _	Number? _	Number? _
S6Q18. Fowls	S6Q19. Other poultry		
Number ? _	Number? _		

SECTION 07: HOUSEHOLD EXPENSES

Wha	What is the amount of the household income that you usually spend for the following?									
N°	Function of expense	Periodicity of	Amount per	Monthly amount	Periodicity					
	•	expense	periodicity	,	code					
1	Feeding, café and restaurants									
2	Dressing				1. Daily 2. Weekly					
3	Health				3. Monthly					
4	Education				4. Annual					
5	Water, electricity, fuels and other energy									
	sources									
6	Rent, equipment and house maintenance									
7	Transport (acquisition of a private									
	transportation means)									
8	Transport (sare parts, maintenance and									
	repairs, other transport service(s)									
9	Constitution of stocks of household									
	food products									
10	Various goods and services and other									
	money exit									
11	Investment in household lodging									
12	Household feasts and exceptionnal									
	events									