

Household No. ....

## NGO Capacity Building for Poverty Reducing Sustainable Energy Solutions in South Asia

### Household User's Baseline Survey Questionnaire

(For users and Non-users of RET)

#### 1. General Information

Date:						
District:		VDC:		Ward No:		Settlement Name:
Respondent's Name:				Sex M <input type="checkbox"/> F <input type="checkbox"/>		Caste:
Roof type	CGI Sheet <input type="checkbox"/>	Tile/Stone <input type="checkbox"/>	Mud <input type="checkbox"/>	Thatched <input type="checkbox"/>	Others: .....	
Family type	Joint <input type="checkbox"/>	Nucleus <input type="checkbox"/>				
Religion:	Hindu <input type="checkbox"/>	Buddhist <input type="checkbox"/>	Islam <input type="checkbox"/>	Christian <input type="checkbox"/>	Others <input type="checkbox"/>	

#### 2. Household Information

##### 2.1 Socio-Economic

##### 2.1.1 Information about family members

Age group	Sex		Education*		Occupation**	
					Major	Minor
	M	F	M	F		
<5 yrs.						
5-15 yrs.						
15-65 yrs						
>65 yrs						

\* 1=Illiterate, 2 Just literate, 3 Primary, 4= Lower/Secondary school (up to class 10), 5=Higher (Intermediate level, Bachelors level, Masters level, Doctorate.)

\*\* Occupation (major/minor): 1= Agriculture, 2= Trade, 3= Wage labour, 4= Salaried employee, 5= Foreign Service, 6=none, 7= Pensioned, 8= Others (specify).

Note: Tick mark (✓) the household member m-who is not living, in the house since last year.

#### Household Property Information:

##### 2.1.2 Land Holdings

Type of Land	Amount (Ropani)	Is the land irrigated?
Paddy fields ( <i>khet</i> )		
Upland fields ( <i>bhari</i> )		
Fodder		
Pasture		
Forest/Plantation		
Others		

2.1.3 Livestock Holdings

Livestock	Number	How are they raised? (circle)
Buffalo		shed/pasture/both
Cows		shed/pasture/both
Sheep/Goat		
Chicken/Ducks		
Others		

2.1.5 Agricultural Pattern and Agricultural Income :

a. Which crops do you grow and how much?

Crop	Area Sown	Which Season	Amount Harvested	Market Price
<b>Staple Crop</b>				
1. Paddy				
2. Maize				
3. Wheat				
4. Millet				
5. Buckwheat				
6. Others				
<b>Cash Crops</b>				
7. Potatoes				
8. Soybean				
9. Mustard				
10. Others				
<b>Fruits</b>				
11. Apple				
12. Orange				
13. Others				

b. Is the agricultural produce sufficient for household consumption?

Yes/No

c. Household Income Pattern (Monthly):

Income source	Quantity	NRs
<b>Agriculture</b>		
1. Sale of agriculture products		
2. Sale of livestock products (Rearing Intensify, processing)		
3. Sale of fruits & vegetables (Processing, Time available)		
4. Land renting-out		
<b>Others</b>		
1. Small shops		
2. Craftsmanship/Artisan		
3. Labour wage/Employment		
4. Remittent (Salary./Pension)		
5. Forest Product		
6. Others		

2.1.6 Do you save/borrow money?

If yes, how much do you save in a month?

### 3. Participation and Individual Goals

3.1 Are there any community groups or committee in your village? Are you member of such group / committee?

Yes/No If yes, mention the name of the group/committee ?

3.2 If yes, do you or any of our family members participate in these group and its activities?

If answer is 'Yes' continue below

3.3 Participation details

Groups/committee	Who attends?	How often?	How much do you speak?
Drinking Water			NEVER/SOMETIMES/OFTEN
Micro-Hydropower			NEVER/SOMETIMES/OFTEN
Savings and Credit			NEVER/SOMETIMES/OFTEN
Forest / Energy			NEVER/SOMETIMES/OFTEN
Women's Groups			NEVER/SOMETIMES/OFTEN
Others (pls. note)			

When you can't attend meetings, do you find out what was said? How do you find out?

### 4.0 Information on Energy Use

4.1 What form of energy do you mainly use for the following purposes:

Purpose	Sources of energy *	Amount (monthly)	Total Monthly Expenditure Rs.
Cooking			
Heating			
Lighting			
Agro processing			
Communication Eg Radios			
Others			

\* Use 1 for fuelwood, 2 animal dung, 3 agro waste, 4 kerosene, 5 LPG, 6 electricity, 7 biogas, 8 solar, 9 others specify

4.2 What sort of problems are you facing by the present energy use?

Activity	Problems	Sufferers Male /Female Children: Boys/Girls
Cooking	1 2	

	3	
	4	
Heating	1	
	2	
	3	
	4	
Lighting	1	
	2	
	3	
	4	
Communication	1	
	2	
	3	
	4	
Agro processing		
Others		

#### 4.3 Fuelwood

S.N.	Source	Qty. (kg)	% of total	Time taken to collect (per day/ per month)	Person responsible for collection Male/Female
1.	Farm				
2.	Forest				
4.	Comm. Forest				
4.	Market				

#### 4.3 Aggregate Energy Consumption and Expenditure per month

Consumption During		Fuelwood	Kerosene	Agric. Res.	Animal Dung	LPG	Electricity	Others
		<i>Specify</i>						
Summer months	Qty							
	Amount							
Winter months	Qty							
	Amount							

### 5. Information on Renewable Energy

5.1 Do you know about renewable energy?

Yes /No

5.2 Have you installed any Rural Energy Technology?

If answer is 'Yes' continue below and If 'No' Jump to 6

5.3 Costs and Financing

Name of RET	Date of installation	Total Cost incurred

5.4 Reason and effect of installation of RET and the benefits which is liked most?

Name of the RET	Reason for Installation	Time saved (in Hrs/ day)**	Effects*

\* Effects- lower the financial burden, Income generation /increment, improved education quality, family integration, social disaggregation, increase in work load, increased access to information, reduced drudgery for women, vulnerability to diseases reduced

\*\* Only if applicable

5.5 How did you learn about RET?

Names of the RET	Training	Instruction sheet	Relatives	Promoters	Media	Others

5.6 Experience on use of RET\*\*\*

Names of the RET	Frequency of maintenance requirement	Availability of spare parts	Technical difficulty	Cost of maintenance	Others

\*\*\*Very High-5, High -4, Medium-3, Normal-2, Low-1

5.8 HH Activities Changes due to Time Saving or became available:

Has your sleeping/working time changed after RET Installation? Yes / No/ Don't know  
If yes, how do you use your saved time?

5.9 have you been involved in any income generating activity due to the use of RET

Yes /No

If yes, name of the activity.

5.9 Household Energy Use Pattern

Fuel Consumption for cooking/lighting/entertainment	Consumption per month			
	Before installation of RET		After installation of RET	
	Quantity	Amount in Rs.	Quantity	Amount in Rs.
Fuel Wood				
Biogas				
Electricity				
Kerosene				
Dry cell				
Others (to be specified)				

\* Applicable only in few energy forms like Dry cells

5.10 Health Issues and Impacts

Types of Health problems	Before RET Installation	After RET Installation

5.12 Environmental Effect

Has RET help in the cleanliness of the household environment? Yes  No

Did you face any negative effect of RET Yes  No

If Yes, What are they?

5.13 How did you pay for the RET installations

Self/loan Did you have Government incentive/subsidy? If yes, how much ?

5.14 If loan, source of loan

Source	Amount Taken	Interest Rate
Bank		
Local Money Lender		
Relatives/Neighbors		
Saving Groups		
Cooperatives		
Others Specify		

5.15 Commercial Activities

Are you involved in the saving group activities? Yes  No

If yes, from when and volume of saving activities.

*5.16 Women empowerment after RET installation*

Workload			Leisure Time			Involvement in Income Generating Activities		
Increased	Decreased	No Change	Increased	Decreased	No Change	Increased	Decreased	No Change

*5.0 Are you interested in installing any improved/renewable energy technology?*

Yes/No

If yes, what form of energy are you interested in?

Energy Form	Priority (1-3)*	Payment **
Cooking		
Heating		
Lighting		
Agro Processing		
Income generating Activities		
Others		

\* Use 1 for first priority, 2 second priority and 3 Third priority

\*\* 1 Self, 2 Loan

*6.0 Have you obtained any training(s) on RETs ? If yes, type of training attended and time/duration?*

*7.0 Name of the support organization/NGO providing services on RETs in your areas?*

*8.0 Are you interested or do you require any training(s) on RETs ?*

*Type of Training required? Where could you get it? Duration? Who will pay?*

*9.0 Any other remarks / comments/ suggestions*