

Annex C: Participatory Rural Appraisal (PRA) Worksheet (English Translation)

Date of PRA:.....UTM: X.....Y.....

Facilitators: Check: Yeang Donal, Khiev Samnang, Net Channa, Neab Keng, Vinh San
 Local FA name:Tel.....Other:

Participants: Number of male participants:
 Number of female participants:
 Other details:.....

CF Background

Name of CF: :.....Number of CF Members:.....

Number of families in the village:.....Size of CF:.....

Date of Establishment:.....

Wealth Rank	% Households in Community			Number of Participants
	1st rank	2nd rank	3rd rank	
Rich%			
Average	%%		
	%		
	%		
Poor	%%		
		%	%	
			%	
			%	
		%	%	
			%	
%				
Total	%			

1.2 List out the five most common livelihoods

- 1.....
- 2.....
- 3.....
- 4.....
- 5.....

1. Is there any boundary conflict in the Community Forest? Are there any disputes over access/use rights (or overlapping rights)? If yes, please list the conflicts or disputes with brief account of each.

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2. Please also provide description of measures taken or planned to resolve such conflicts. Can you recall any boundary related conflict or dispute over rights in the CF in the past? If yes, please estimate proportion of disputed lands

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3. How many participants are aware the Oddar Meanchey CF REDD project? Did an extension worker from the FA or Pact ever come to discuss the REDD project before? Has this forest carbon projects been endorsed by your CFMC?

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4. Are there unique plants and animals that are almost exclusively found inside CF? If so, list some that the communities have seen themselves.

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5. Is the CF culturally significant? If so list reasons why it is significant. Are there any areas that are important because of cultural or ecological significance outside the CF? IF so please list some.

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6. Are you concerned that these HCV areas both inside and outside the CF may be negatively affected by the REDD project? If so, list out some of the concerns.

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7. Have insects, pests or forest diseases ever been related to loss of your forest or forest products? Are insects, pests or diseases a problem?

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8. If it was problem in past, how did you manage it? How frequently do they occur?

.....

* Ask similar question about floods, mudslides/erosion, or other significant natural risks in the area.

1. Crops Fields and Irrigation

Question	Rice fields	Chamkar
Location of the fields (north, south, etc.)		
Total amount (ha) in the village		
# of ha with irrigation		
Type of irrigation system and # of ha irrigated by this system		

1.1 Inundation

Dates of Inundation: (Month/start/middle/end)

1.2 Preferred Tree Species for Planting

List up tree species preferred for planting (current and future)

1. _____
2. _____
3. _____
4. _____
5. _____

1.3 Planting Location

	Rice Paddy	Chamkar	Household
Number of trees in this area (#/15)			

Additional Notes:

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Drivers of Deforestation and Forest Degradation

Driver	# Points after ranking
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	

3.1 Questions on Drivers (After 2010)

Driver	# ha destroyed inside CF/year	# ha of forest destroyed outside CF/year	When started		Frequency of Occurrence		Permanent or reversible		Trend (2008)
			Inside CF	Outside CF	Inside CF	Outside CF	Inside CF	Outside CF	(increasing or decreasing)
Fire									
Encroachment									
Illegal logging									
Fuelwood collect									

Notes:

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3.2 Agents

Driver	Agents				
1.					
2.					
3.					
4.					
5.					
6.					

Notes:

.....

3.3 Activities to Reduce Deforestation

Strategy	Points	Challenge
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		

3.4 Forest Fires

Causes and nature of forest fires

- How do forest fires start in the CF area? How do they start outside the CF area?

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- How often do fires occur in the CF area?

.....

- Since 2010 when was the last fire in the CF area? (month/year)

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- What are the causes of forest fires? Who starts the fire and why?
.....
.....
- In what type of forests do the fires occur?
.....
.....
- In what season(s) do the fires occur?
.....
.....
- Do fires occur more frequently in some particular geographic locations compared to others?
.....
.....
- What is the usual length (days or hours) of burning during typical fire events?
.....
.....
- List the number of fire occurrences in the community forest since 2010
.....
.....

Group 2:

Effects and impacts

- How much of the forest area is burned each year since 2010 (ha)?
.....
.....
- What proportion (%) of trees usually die as a result of a fire?
.....
.....
- What happens to the area after a forest fire?
.....
.....
- Please indicate the fire damage trend since 2010. Is fire increasing or decreasing in the project area? Please provide account of this trend in the following aspect –
 - Frequency (increasing or decreasing)
 - Intensity (severity of the fire, canopy or low ground fire)
 - Damage (how damaging the fire is)
 - Management (fire prevention measures the community has participated in)
.....
.....
.....

Solutions (Both group)

- Can fire risk be completely eliminated? If no, please mention how much of it can be eliminated.
.....
.....
- How can fires be best controlled? Please list strategies.

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4 NTFPs

Name of NTFP	Declined	Same	Increased	Reason

5. Transportation of Timber/Fuelwood/NTFP

Mode of Transport	Item to be transported				# per village
	Timber	Fuelwood for HH	NTFP	Agriculture activities	
Walking					
Bicycle					
Motorbike					
Tractor					
Ox-cart					
Car/truck					

Mode of Transport	Transport of Timber*			
	Approximate number in community	Mobility Time for each per day (hrs)	Mobility Distance (km)	Remarks
Walking				
Bicycle				
Motorbike				
Ox-cart				
Car/Truck				

Mode of Transport	Transport of			
	Approximate number in community	Mobility Time for each per day (hrs)	Mobility Distance (km)	Remarks
Walking				
Bicycle				
Motorbike				
Ox-cart				
Car/Truck				

5 Cost of Miscellaneous Items

#	Item	Price/Unit		
		Min	Average	Max
1	Fuelwood			
2	Construction timber			
3	Poles			
4	Furniture grade timber			
5	Agricultural land			
6	Chemical fertilizer			
7	Labor price for clearing land			
8	Irrigation water			
9	Charcoal			
10	Improved cook stove			
11	Manure			

6 Migration

Migrants come from: (provinces)

1. _____
2. _____
3. _____
4. _____
5. _____

6. _____
7. _____
8. _____
9. _____
10. _____

Reasons for coming/leaving previous province:

1. _____
2. _____
3. _____
4. _____
5. _____

a. What attracted them to Oddar Meanchey?

.....

b. Did any households leave your CF? If so where did they go and why?

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8. Fodder and Smoke Protection for Animals

1. Do their grazing animals graze freely? (Circle)

Yes No

2. Do villagers collect fodder for their animals?

Yes No

3. If yes, where does it come from?

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4. Do villagers burn wood to protect cows from mosquitoes?

Yes No

5. If so, what percent of the villagers do this?

Percent _____ %

6. If so, how many months do they burn wood?

Number of Months: _____

7. How much wood do they burn? (pay attention to units, but record in cubic meters)

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8. Is this wood obtained from live or dead trees?

.....

9. Is this wood abundant?

.....

10. Do you use insect repellent/insecticide on your animals?

.....

11. What other measures do you suggest for keeping away insects?

9. Sawmills - Big and Small

In this section communities describe sawmills or wood processing facilities that are in and around their community forest. Saw mills can be big, and have large processing equipment or be small tree milling shops. For this purpose sawmills are facilities that process logs into blanks or smaller sections. Have the participants fill out the cart below.

	Village and location of Mill	Number of working days in a year	Capacity (m ³ per year)	Name of Mill and Notes
1				
2				
3				

1. How many new mills have been established in your community since 2010?

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2. How many saw-mills have been closed since 2010?

.....

3. How many people in the community work are employed by the mill?

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4. How many people in the community sell wood to the mill?

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Please record amount of merchantable wood harvested (legally or illegally) for different purpose from 1) inside the CF and 2) outside the CF. Include all the harvest (for both local consumption and commercial use i.e. for selling). Do not include fuelwood. Please put “o” if no amount is harvested from within the CF and a “o” if no amount is harvested outside the CF. This is possible if 100% of the timber demand is met from import or supply from another outside area.

Activity	Wood harvest (m ³ per year)
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	From inside of CF Area	From outside of CF Area
Commercial timber harvesting (selling of high valued logs, or sawed wood)		
Logging for local enterprises (boat, handicraft making)		
Logging for domestic uses (houses, tobacco sheds, construction materials)		

10. Community Forest Participatory Mapping

1. Agriculture areas in or around their CF. If no forests exist, have them draw out agriculture lands in respect to the village.
2. Drivers of deforestation (areas or points where driver of deforestation is taking place currently/recently). Map each driver. Overlapping of drivers in the same area is possible.
3. Forest fire prone areas (where fire is causing deforestation and degradation)
4. Areas designated for Assisted Natural Regeneration (ANR) treatments. Participants need to identify areas within their CF that are degraded, and can use assistance. The communities need to identify where they want to improve the forest health, and increase canopy cover. In the future the communities will be involved in activities such as planting trees, fencing from animals and stem thinning to help trees grow bigger faster. Also provide a quantitative estimate (in ha) of the total forest area where ANR activities were implemented.
5. Areas where wood harvesting takes place. Specify the areas that have been identified 1) for timber extraction and 2) for fuelwood/charcoal extraction. Provide a quantitative estimate (in ha) of the total area where 1) timber harvesting and 2) fuelwood/charcoal harvesting took place.
6. Areas where boundaries, use rights, or access is disputed (i.e. if there are disagreements on Protected Area boundaries between communities and government officials). Also provide a quantitative estimate (in ha) of the total forest area where disputes or other conflict exists. It is not necessary to identify areas where conflicts have been resolved.
7. Areas of High Conservation Value those are important because of cultural or ecological significance.