Public consultation questionnaire For Farmers

Number	
GPS location	
Interviewee	
Region	
G.N. division	
Village	
Date	

1. Identification

i	Gender					male □	female □
ii	Age	< 20 years □	20 to 30 years □	30 to 40 years □	40 to 50 years □	50 to 60 years □	> 60 □
iii	How many people are living in your household (including you):						
	How many generations?						
	Extended family? □			Nuclear family? □			
iv	Were your ancestors already farmers?					Yes □	No □
v	From whom did you learn farming?						
	Parents / Ancestors □	Community □	By myself □	Other			
vi	Are you a resident of Anuradhapura (name of the area)?						
vii	If not when did you move to Anuradhapura?						
viii	Where did you live before and why did you move to Anuradhapura						
ix	How long you have been a famer? Please specify					Yes □	No
x	Do you have other income rather than farming?						
xi	Do you have animals:					Yes □	No □
	Which?			How many?			

2. Land tenure

i	Do you own lands:			Yes □	No □
ii	If yes, how you got the ownership:	by ancestors □	bought them □	other □	
	please specify				
iii	Nature of the tenure:	*Sinnakkara* □	*Jayabumi* □	*Swarnabumi* □	Government tenant lands □
iv	What kind of lands you own:	Home garden □	Paddy field □	Other cultivation land □	
	other □ Please specify				
v	Do your lands connect with an irrigation scheme: If yes, please name it			Yes □	No □
vi	Are you a part of a communal land tenure system If yes please specify			Yes □	No □

3. Farmer organization

i	Are you a member of a Farmer Organization? Yes □ No □ If yes which?				
ii	What is your status?	Head □	Board member □	Member □	Other □
iii	How many farmers are members?				
iv	What is the structure of the organization?				
v	How is the head or board elected/nominated?				
vi	For how many years?				
vii	How is the communication in the farmer organisation organised?				
viii	Who is making the decisions?				
ix	How often do you have meetings:				
x	What are the penalties for not attending meetings and activities:				
xi	How many farmer organisations exists in your region?				
xii	Do the farmer organisation receive founding for the maintenance of the irrigation infrastructure? Yes □ No □				
xiii	If yes, how do you get founding for the irrigation management?	Government □	Provincial Council □	Farmer organization □	Other □
xiv	Why did you joined a Farmer Organization:				
xv	What are your personal benefits of being a member in a Farmer Organization :				
xvi	Since when are you a member of a Farmer Organization :				
xvii	We are interested to know your views on the current situation with regard to Farmer Organization	Satisfy □	Moderate □	Unsatisfied □	
xix	Comments				

xx	Do you have connection to any other irrigation & agriculture organisations? Yes □ No □ If yes, which?				

4 Nature of cultivation of Paddy

i	Do you cultivate paddy?				
ii	Is there enough water to crop paddy for two seasons? Yes □ No □ Comments?				
iii	What do you crop if there is not enough water?				
iv	Do you cultivate other crops / plants in the paddy fields? Yes □ No □ Please specify:				
v	What are the reasons for cultivation other crops / plants:				
vi	Your connection to paddy fields	owner □	Tenant □	Agriculture labour □	Other □
	Please specify				
vii	How big is your farmland?				
viii	What percentage of your paddy harvest is for	Own use □	Selling on markets □	Directly selling □	Other:□
ix	How many seasons do you have per year:				
x	Where do you buy your seeds?				
xi	Which type of seeds do you use?				
xii	Do you use fertilisers and pesticides for your cultivation? Yes □ No □				
	Natural □	Artificial □	Traditional □		
xiii	How often are such fertilisers and pesticides used?				
	Natural:	Regularly □	Average □	Rarely □	
	Artificial:	Regularly □	Average □	Rarely □	
xiv	If you use traditional fertilisers and pesticides, what are they:				
xv	Where do you get these fertilizers and pesticides?				
xvi	Who are the producers?				
xvii	Are there any other plant protection system other than chemical of traditional fertilisers? Yes □ No □ Please specify				

xix	What is your cultivation technology?	Traditional □	Modern □	Both □
	Comments:			
xx	Do you use biomass (green manure) for the fertility management? Yes □ No □ Do you know biomass (green manure) for the fertility management? Yes □ No □ If yes what are the plants use: Please describe the process			
xx	Do you use traditional soil management technologies for:	tillage □	soil conservation □	other □
	please specify			
xxi	Explain your tillage process			
xxii	Do you use traditional ploughs? Yes □ No □ If yes type of plough			
xxiii	For trampling do you use	tractors □	buffaloes □	both □
xxiv	Do you use dykes for land preparation Yes □ No □			
xxv	What is the nature of the dykes?			
xxvi	What are the other methods use to prepare weed free cultivation lands?			
xxvii	Do you have rituals link with the land preparation? Yes □ No □ If yes please explain			

xxviii	What do you use to control erosion in paddy fields	Liyadda (bench terrace) □	Niyara (soil ridge) □	Gal weti (stone ridges and leader drains) □	other □
	Please specify				
xxix	Wat is your harvesting method	Modern □	Traditional □	Both □	
xxx	Do you use combined harvesters?	Yes □	No □		
xxxi	What are the traditional harvesting methods being use?				
xxxii	Do you have customs and rituals link with the harvesting? Yes □ No □ If yes please explain				
xxxiii	What kind of traditional believes and rituals do you have link with the paddy cultivation	Astrological practices □	Spirit and gods □	pirith (Buddhist practices) □	Black magic □	Kem □	other □
	Please specify						
xxxiv	What are the other practices adopted to addressed issues emerged during farming	Bethma govithana □	Kekulam govithena □	pangu kariya □	other □		
	Please specify						
xxxv	How you obtain labour for the cultivation:	own □	family □	hire □	communal □	other □	
	Please specify						
xxxvi	Did you experience crop failure during the last 10 years?	Yes □	No □				
xxxvii	What were the main reasons for crop failure?	Climate □	Diseases □	Animals □	other □		
	Please specify						
xxxviii	If animals destroyed the crops / plants, which ones were it?						

xxxix	Do you cultivate traditional paddy types? Yes □ No □ If yes, which?					
xl	Do you have agricultural rituals? Yes □ No □ Please specify					

5 Nature of cultivation of Chena

i	Are you engaged in Chena cultivation: Yes □ No □					
ii	How often:	regularly □	sometimes □	rarely □	only when the paddy cultivation failed □	
iii	Type of Chena based on seasons	*Maha hen* (main season) □	*Yala hen* (minor season) □			
iv	Type of Chena based on dominant Crop:	*Kurakkan hen* (*Kurakkan* dominant) □	*Aba hen* (mustard dominant) □	*Vee hen* (highland paddy) □	*Thala hen* (Gingerly dominant) □	Other □
	please specify					
v	Type of Chena based on method of land clearance	*Thani hen* (isolated chenas) □	*Yaya hen* (individually operated but tightly adjacent to one another) □	*Mulketa hen* (wheel chenas) □	Other □	
	please specify					
vi	Type of Chena based on type of forest cleared	*Mukolan hen* (high and dense forest cleared to cultivate mainly *kurakkan* and mustard during the *Maha* season) □	*Landu kela hen* (cleared in secondary or scrub jungles during the *Yala* season to cultivate gingerly) □			
vii	Which plants do you cultivate as Chena cultivation?					
viii	When do you in general start with Chena cultivation? (month / year)					
ix	Can you describe how you prepare the land and how you take care on the plants under Chena cultivation?					
x	What percentage of your Chena harvest is for					
	Own use □	Selling on markets □	Directly selling □	Other □		
xi	Do you frequently change the crops / plants? Yes □ No □					
xii	What are your reasons for these changes:					
xiii	How many seasons do you have per year for Chena?					
xiv	Do you use fertilisers and pesticides for your cultivation? Yes □ No □					
	Natural □	Artificial □	Traditional □			
	How often are such fertilisers and pesticides used?	Natural:	Regularly □	Average □	Rarely □	
		Artificial:	Regularly □	Average □	Rarely □	
xv	If you use traditional fertilisers and pesticides, what are they?					
xvi	Are there any other plant protection system other than chemical of traditional fertilisers? Yes □ No □ Please specify					

xvii	Did you experience harvest failure during the last 10 years?				Yes □ No □
xviii	What were the main reasons for crop failure in the past?	Climate □	Diseases □	Animals □	Other □
xix	If animals destroyed the plants, which ones were it?				

6. Irrigation management

i	Which are your water sources for irrigating the fields?	Major irrigation schemes □	Minor irrigation schemes □	Agrarian wells □	Other □
ii	Who is responsible for the management of the irrigation water you receive?	Government □	Provincial Council □	Farmer organization □	Other □
	Please Specify:				
iii	What are your tasks during the maintenance measurements:				
iv	Do you regularly get sufficient water for your fields? If not please specify the reasons				Yes □ No □
v	Who is making the decisions which measurements were carried out?				
vi	Do you use traditional measures and methods on maintenance of irrigation: If yes please specify				Yes □ No □
vii	Do you have particular rituals and believes on irrigation system: If yes please specify				Yes □ No □
viii	Are you happy with the maintenance practises of the irrigation system?				Yes □ No □
ix	Are you a member of a water user association				Yes □ No □
x	Did the practise of maintenance measurements changes during the last years? If yes, how?				Yes □ No □

7. Climatic changes					
i	During the last 10 years, have you noticed any changes in the climatic patterns?		□ Yes	□ No	□ No Idea
	Comments:				
ii	Was there an aspects of your life changed, due to climatic change?	□ Livelihood	□ Economy	□ Environment	Other □
8. Water rituals					
i	Do you have any rituals regarding water management? Yes □ No □ If yes why and which?				
ii	How often?				
iii	How do you organize?				
iv	Who is taking the initiative?				
Thank you a lot for your participation!					