**FGD-Gorkha**

**FGD- 1**

**140330\_003 FG discussion at Kafal Dada. 30 March, 2014.**

INTERVIEWER: (introduction of NEG and what we are doing).

INTERVIEWER: can you please tell your name and age before you’re providing answer.

Male 37: do you take interview with one person or will all of us.

INTERVIEWER: we will choose some person for interview.

Interviewer: there is no formal pattern for interview. If we met someone on the way and if we think we can get more information by interviewing than we do it.

Male 38: which subject the interview will be based on?

Interviewer: it will be about bio fuel.

Interviewer: (coming forward to explain more): sorry it is my fault that I did not make it clear. We can produce oil by using plants and trees available in your jungle. For example, people used to produce oil from Chiuri, Amphi and Kharane. Currently, finite energy sources, such as underground oil is decreasing and another thing is that due to extreme use of such oil environment is polluting and it has direct impact in climate change. You may be surprise that how someone can produce oil form plant and trees? But this is possible and it has been successfully proved in Hasan Bio fuel Park, Bangalore. We can use such oil in vehicle, motor and to cook. You can use motor pump to extract oil form underground and from nearest water source.

Female 24: we do not have to use water pump to extract water.

INTERVIEWER: but if you want to you can do it.

Namaskar, my name is Kamala Adhikari and I am a social mobiliser for this VDC. It has been three years I have been working for this VDC. Looking at the nature of this and location of this VDC, it consider as back warded VDC in terms of development.

INTERVIEWER: how about population?

Female 24: this VDC has over 950 household and it is very inclusive in terms of cast.

INTERVIEWER: what is the name of VDC secretary?

Chuda Bahadur Luitel.

INTERVIEWER: what is the major occupation of the people in this VDC?

Female 24: Agriculture.

INTERVIEWER: how is the trend to go abroad for work?

Female 24: it is allot and it is increasing.

INTERVIEWER: does most of the household keep cattle at home?

Female 24: yes they do.

INTERVIEWER: what is the situation of jungle? Is this easy to access fodders for cattle?

Female 24: not actually, it is hard. We don’t have *charan (grazing land)* and have to rely on jungle and fodders available in our land.

Interviewer: is it increasing or decreasing?

Female 24: it is increasing.

I am 36 years old. Kafal Dada 5.

Interviewer: how is the market for your agricultural production?

Male 36: it is better now, previously excess agricultural production used to be wasted.

INTERVIEWER: what do farmers mainly grow in this VDC?

Male 36: Potato and *allaichi.* Price and demand of allaichi is increasing and therefore attraction towards Allaichi is increasing. People are starting Alaichi farming instead of growing potato and other kind of farming. There is many people in this place are uneducated. However, farmers in this place are not getting satisfactory price for their production from the suppliers.

87 years old man, and the name he is telling is unclear.

INTERVIEWER: do you know any plant or trees that used to produce oil in your time?

Male 87: Ghore, we used to produce oil from that tree. We also used to light our home with Amphi.

INTERVIEWER: how do you use Amphi to light your home?

Female 50: remove the entire cell outside Amphi fruit and use the insider to light the home. There was no electricity and kerosene in our time and we used to use that to light our home.

INTERVIEWER: did you produce oil from Amphi?

Female 50: no we dint.

INTERVIEWER: is it still in your jungle?

Female 50: there are very few trees of Amphi now. It is because Amphi is best food for goat and people used it a lot to feed their animals.

INTERVIEWER: if you would have known that oil can be produce from Amphi than would you have preserved the trees?

Male 37: yes, certainly. At that situation if we would have known this than we would have preserve or even we would have done nursery to cultivate more of those trees in our field and jungle. Also we would have warned and educated villagers to protect the Amphi’s tree.

Women: we cannot use Amphi as fuel wood for religious reason.

INTERVIEWER: can you help me to understand, why ?

BINTERVIEWER: there was a tale *(kimbadanti)* that we should not be using Amphi as fuel wood.

Another man: I am 52 year old man and I still remember that my mum used to collect Amphi in the *doko* from the jungle. She used to put it underground. Once it ready to take out than she used to take it out of the ground and remove the outside cell use insider as a fuel. People don’t use Amphi as fuel wood not because of the tale or religious reason. It is because Amphi trees used all the oil to make its fruit and wood does not burn properly and it just product lots of smoke in the kitchen and therefore people do not use Amphi as fuel wood.

Male 52: Amphi was main source of fuel to light our home at that time and people had to protect the trees and to save it people must have forbidden using it as fuel wood. It may have been just the way of preserving Amphi.

My name is Kousila Dabadi, I am 36.

INTERVIEWER: Were there any people from government, NGO, INGO coming to your village like us, to talk about bio fuel.

Female 36: no, I don’t know any one coming to our village to talk bio fuel so far.

INTERVIEWER: did you want some representative would have come to your village like this?

Female 36: yes, this is the great opportunity to know new things, like bio fuel.

INTERVIEWER: is it just you or the whole society is excited to learn new things.

Female 36: yes, we all want to learn and understand new things like everyone else.

Female 35: this project is necessary for your village because we need energy in our daily life.

Interviewer: do you wish to replace smoky fuel wood by smokeless energy?

Female 35: of course we do. We do not have any options at the moment other than using fuel wood for cooking for our self and for animals.

Interviewer: do you know about any tree or plant useful to produce bio energy?

Female 35: I don’t know about it.

Interviewer: do you think biofuel production is useful for your community?

Female 24: it is important. I want it not only in our village but also in the villages which are more remote than us. I want it to be implement in our community, it will be unfortunate for us if it dint came to our village.

Female 50: we do not know much about this. Kamala Nani took us here. It is wonderful to have you all in our village.

Male 37: about two years ago there was a project to produce bio fuel by Sajiban. One of my friends in my VDC did Sajiban farming. He did it but he does not know how it will be useful and how it is going to be used.

Interviewer: does he have market to sell Sajiban fruit?

Male 37: no there is not. He just heard some rumours and decided to plant sajiban in one Ropani cultivated land.

Interviewer: one of the participant said that people have started farming farming Alaichi by destroying cultivated land. Do you feel any shortage of food due to this?

Male 37: people are cultivating rice, potato and other food crop just to the extent that will be enough to feed their family. And excess land they are cultivating Alaichai for cash. This village has favourable altitude for Alaichi.

Interviewer: do you think you can sell bio fuel production in the market?

Female 40: Buyers are more powerful than seller in here. Therefore we may not get good price for our production. Buyers are very dominating.

Interviewer: do you have any idea to make seller stronger than the buyer?

Gyanu Dabadi, 36 years.

Buyers think that our production is cost less and they want it almost for free.

Female 36: if we have met people like you regularly and if we have opportunity to travel places then we would have learn so much. We have not seen May strangers in our village. And that’s why it feels shy to expose our feeling.

INTERVIEWER: do you get excited to attend meetings and gathering and put your ideas and opinion?

Female 50: yes we do. But once male started talking in the meeting we just used to leave meeting and go home being scared and agreed.

INTERVIEWER: why do you afraid to talk and raise your voice?

Female 50: we don’t know that much and we would have been cleaver if we had travelled cities. However, educated women like Kamala do not afraid to raise their voice but we are uneducated and don’t know much and we are afraid to come forward to raise our voice.

Female 24: it is cold here and therefore Gobar gas is not possible in our village. Also, none of the organisation (NGO/INGO) coming to our village to promote Gobar gas and we have not made any effort as well.

Interviewer: we found in many villages that families who are economically strong or whose family members are abroad to earn has gas at home. How is it in your community?

Male 37: it is just like that in our village too. Especially men are abroad for employment and women may have other various

**(Female 35)**

**INTERVIEWER:** who goes to collect fuel wood in your family?

Female 35: it is me, otherwise others in the family do not go to collect fuel wood.

INTERVIEWER: how many members do you have in your family?

Female 35: five, I have my mother in law with me and my children are in Kathmandu for education.

INTERVIEWER: when you were with the joint family, who usually used to go to collect fuel wood? Man or women?

Female 35: men and women equally responsible to collect fuel wood. We all go and there is no gender

Discrimination in terms of collecting fuel wood so far.

INTERVIEWER: who does go most often?

Female 35: we equally involve in collecting fuel wood.

INTERVIEWER: group of lady on the side said that men and women both make an effort to collect fuel wood. However, when men are at work women collect the fuel wood.

**55 years old Female**

INTERVIEWER: we cooked at home?

An old lady: it is women most of the time.

**45 years Female**

INTERVIEWER: why women most of the time? Is it because they cooked tasty food?

Female 45: I don’t know, it could be that.

INTERVIEWER: do you feel sometimes that your husband inspiring you to be inside the kitchen by appreciating taste of your food? Don’t you want your husband in the kitchen helping you. Cook together?

Female 45: (big laugh) yes I do but he don’t come to the kitchen to help me. If I don’t cook they will accept hunger rather than cooking food.

**Female 80 years.**

Female 80: men have given us the responsibility to cook and they just hang around outside.

INTERVIEWER: why don’t they help women rather than hanging around in tea shop and talking politics?

Female 80: I don’t know. They just depart form house after morning tea. I don’t have option other than cooking. If I dint do it than my children will starve.

**Male 33**

INTERVIEWER: why don’t men help women in the kitchen?

Male 33: I am not the people who stay in the kitchen and cook. I don’t lie. My wife has gone her mother’s home and my sister in law cooking for me. I am so lazy to cook food. I work outside, earn money and collect food for family and my wife cook for me and my children. It could be the god who separated the work just like he separate men and women.

**Female 30 years.**

INTERVIEWER: do you suffer health problem while cooking in fuel wood and collecting fuel wood?

Female 30: we have to cook and have to suffer smoke in the kitchen.

INTERVIEWER: do you get irritated sometime while fuel wood does not burn or make flame properly?

Female 30: yes I do but it is pointless because I have to cook anyhow.

INTERVIEWER: do you suffer eye irritation and chest pain?

**Female 30:** yes I do.

**Female 28 years old>**

INTERVIEWER: (pointing at other women) do you suffer these health problems as well?

Female 28: yes I suffer chest pain and back pain.

INTERVIEWER: usually how much is the weight of one bundle of fuel wood?

Female 28: about 30 kg.

INTERVIEWER: how long distances do you have to carry it?

Female 28: about three KM.

**Female 30 years**

INTERVIEWER: do you have gobar gas, rice cooker at home?

Female 30: no I don’t have it.

INTERVIEWER: why?

Female 30: we don’t have money to have it.

**Male 40 years.**

INTERVIEWER: do you collect fuel wood in your private forest or you go to the community forest?

Male 40: we depend on both of them. We collect fuel wood in community forest once a year and sometimes we collect fuel wood from private jungle.

INTERVIEWER: how many Bhari fuel wood do you use each year?

Male 40: minimum 50 Bhari per year.

INTERVIEWER: does every household use fuel wood up to 50 bhari?

Male 40: yes.

INTERVIEWER: how do you cut collect fuel wood?

Male 40: we cut dry twigs and green as well but not straight one. We keep them in the sun to dry and take home when it is dry enough to use as fuel wood.

INTERVIEWER: don’t you think that forest will decline if you regularly cut green twigs for fuel wood?

Male 40: Jungle is increasing. People these days don’t want to do hard work and farming declining and they have planted trees in the cultivated land.

INTERVIEWER: if this project became successful and decided to produce bio energy in your VDC than how it will be taken by your community?

**Male 36 years.**

Male 36: it will be positively taken by the community. About five years ago I was involving in an organic farming project and I get help from villagers so much. I had met a man in Hile, Dhunkuta, his name was Interviewer Agrawal and he was from Bajura. He told me about Sajiban and Dhasingare farming. They had distributed the plant as well. I don’t know how is that project is going now. But I think bio energy will play important role in reducing pollution. I think it is possible to produce bio energy in this VDC if we receive prober technology.

INTERVIEWER: how is the unity in this village?

Female 24: unity is not that good. If we make an effort than it is possible to unite all the villagers?

INTERVIEWER: why unity is not good?

Female 24: it could be because of lack of education and literacy.

INTERVIEWER: how about the conflict in the village?

Female 50: there is no conflict.

INTERVIEWER: why there is no conflict?

Female 50: there is no other place to go by fighting with our own neighbour.

INTERVIEWER: you look shy and afraid to talk. Why are you like this?

Female 50: it is first time I am talking in the meeting and I am afraid of saying anything wrong.

INTERVIEWER: can you explain your experience in talking in the meeting and gathering like this?

Female 50: I feel really good and encouraged.

INTERVIEWER: does poor people dominated by rich one in your village?

Female 50: we all work hard for our basic needs and therefore there is not point of domination. They all are making their like as much as they can afford.

INTERVIEWER: how is the cast discrimination in your village?

Female 50: we have lower cast people in our VDC, we have BK and other Dalit. There is no discrimination.

INTERVIEWER: do you encourage them to come into your community?

Female 50: yes we do. After all we all have red blood.

INTERVIEWER: can you invite BK for dinner and take them into your kitchen for meal?

Female 50: it is not like that revolutionary yet. However, situation may change in future and obviously we will accept that change if they are neat and tidy.

Female 30: in the weeding party we don’t have that discrimination.

Male 37: if Dalit thinks that coming in to your kitchen is being more powerful or immortal and if they forget the humanity than we will not well come that. There will be reaction.

Male 36: they have to change as well.

INTERVIEWER: if one BK come to your home with clean suit and tie than will you welcome him into your kitchen.

Female 50: not only from outside, they have to be clean internally.

INTERVIEWER: you mean they are not clean internally?

Female 50: No, I don’t mean that. We will not say that. But in the society they have to be improved themselves.

INTERVIEWER: I am curious, can you please explain it more?

Female 50: improved means they have to speak like we do, have to use civilised language.

INTERVIEWER: you mean, they speak more dirty words?

Female 50: no they don’t. But some words they have to change.

INTERVIEWER: do they speak different language?

Women: no they speak Nepali like we do.

INTERVIEWER: can you help me to understand how they should change their language than?

Female 50: I don’t know they should change something. There is something different between them and us.

Interviewer: Can you talk about distribution of fuel wood in your community forest? Is it equal?

Male 37: we collect fuel wood in community forest once a year and distribute it equally. *Each one gets 3 haat height saat haat lengths)*

Interviewer: are you satisfied with the work community forest committee.

Male 37: all the member in the committee are nominated democratically and they are doing good job. Wrong person will not be nominated.

Interviewer: we talk about bio energy already. Can you tell us if you have any plan if bio fuel production project came in to your community?

Male 37: we will use our resources and employ them in bio fuel production.

Female 35: If it came we will unite and do it.

INTERVIEWER: how you will do it.

Female 35: we will need proper training first and after that we can do it.

INTERVIEWER: bio fuel itself is controversial thing because people have destroyed forest in the name of bio fuel and also people have cultivated bio fuel plant in cultivated land and as a result food community has faced food crisis. Do you think that you will face that problem in your community?

Female 40: yes it can happen.

INTERVIEWER: where will you cultivate the plants useful for bio fuel production?

Female 40: I don’t have any idea.

INTERVIEWER: it is possible to plant fuel wood in field bunds and uncultivated land. How do you think about it?

Female 40: yes we can do that.

INTERVIEWER: do you think it is possible to cultivate bio fuel related plant in your village?

Male 37: it depends in the altitude. It has to be favoured by the weather and altitude. Nature of plants and whether production is possible or not has to be analysed along with the cost and benefits. Market demand has to take in to account before starting the project.

**Social mobiliser (female, 25):** we have to make a committee or group to promote our product.

**Female 45 years.**

INTERVIEWER: who takes the important decision in your family? Such as investing in property?

Female 45: there is no discrimination in decision making. We both have to agree.

INTERVIEWER: does he help you in the kitchen as well?

Female 45: yes he does. We cook together.

INTERVIEWER: looks like your husband loves you so much.

Female 45: yes he does.

Man: I think women in this village loves their man so much and therefore they are covering their man by lying that they help in cooking.

INTERVIEWER: do you help your wife in cooking.

Man: yes sometimes when there is emergency.

INTERVIEWER: what kind of emergency?

Man: when she is on her period.

Interviewer: do you all know what is happening in country’s politics?

Women: we don’t know much. We know a bit.

Interviewer: we are the prime minister of our country?

Women: Susil Koirala.

INTERVIEWER: does any government representative have come to your village to listen your problem?

Man: No.

INTERVIEWER: you have knowledge of bio fuel and you were involved in some of the project as well. Does government authority working to coordinate local community?

Man: I have visited almost 45 districts and I found 6 to 7 district more conscious and literate about bio fuel. Sometimes, authorities from District agriculture department but he prescribe the seed which is not best for this climate.

**Female 5o years**

Interviewer: how this project should come to your community to be successful?

Kumari: I don’t know. I just arrived here at the meeting.

Man: this is the first time most of us heard about this project. And heard about bio fuel production. We are not clear about how it will work, what will be the benefits? But to be successful we all have to unite and corporate. One cannot make the difference.

Thank you very much to all of you for your interesting participation.

**FGD- 2**

**Recording 140401\_002 FGD**

Interviewer: explanation of NEG project and bio fuel.

Interviewer: have you ever heard about bio fuel before we told you?

Man 58: Yes I have heard it. Oil can be produced from Amphi. There is place called Sashe, they produce oil and they use it to deep fry bangle and oil to light home (tuki batti).

Female 40: Kharane and Chiuri oil can be used such purpose as well.

Interviewer: did you light your home by Amphi fruit?

Man 93: yes we did. Light the Amphi fruit at the night and does the kitchen work.

Interviewer: At that time how important was that for you?

Man 93: it was very useful to light home.

Interviewer: Are there any Amphi trees in your jungle now?

Man 93: it is very rare now. Very few available in the jungle.

Male 50: there are new Amphi plants are growing in the jungle. But they are not yet ready to produce fruit.

Interviewer: you mean it had declined sharply and now there is new plant growing in the jungle?

Male 50: yes.

Interviewer: people have been saying that due to increase in other kind of plant and trees in the jungle the Amphi have been declining. Is this true?

Man 62: this is just their guess because there is no scientific proof. It had declined, I am agree with that but new plant are growing in the jungle and there is possibility if we preserve it , the number can be increase again. No one has paying attention to the Amphi until now. If such kind of project require production of Amphi than we definitely can preserve it.

Interviewer: how important is the bio fuel for your community?

Male 45: it is important for us.

Interviewer: how? Can you explain more in details?

Male 45: we can use it as fuel to cook and for light our home when there is no electricity. Therefore it is important for us.

Same question to the women by Interviewer? How bio fuel can improve your life style?

Female 32: women work most in the kitchen and they are facing health problem like eye irritation, lung problem and back pain and other kind of injury while collecting fuel wood. If there is bio fuel than women can be benefited. Not only us but also our coming generation can be benefited by this bio fuel project and better health.

Interviewer: does all household in this village depend on fuel wood or some household have LPG gas?

Female 31: we all use fuel wood.

Male 42: Yes, all the villagers use fuel wood to cook food for family and animals.

Interviewer: was there any organisation or individuals coming to your village with such kind of project before?

Female 32: no, there was no one till now, you are the first one.

Interviewer: what is the possibility of Gobar Gas in your village, is there gobar gas in any house?

Male 45: There is no gobar gas in our village.

Interviewer: is it because of cold and high altitude?

Female 32: they have tried to bring gobar gas in our village but they step back due to cold and thinking that it may not be effective.

Male 60: I have heard that it is possible here and even in the place colder than our village but that will need different system and different equipment and arrangement.

Interviewer: do you think you have market for bio fuel?

Male 60: after we produce we can sell it in local market like Bhachchek Bazar. We can sell it in another neighbouring village. This project can be helpful to protect environment as well. We already have some Amphi trees and also we can take small Plant from somewhere and start cultivates it commercially.

Male 80: we used to make ink from Musure Katus. We also used to make paper using Kagate.

Interviewer: do you still have these trees in your jungle?

Male 80: yes we do, we used it as fodder for animal these days.

Interviewer: if this project came to your village will villagers be helpful?

Male 80: of course we will help.

INTERVIEWER: what kind of other trees do you have like Amphi in your jungle which carries the possibility of bio fuel?

Male 92 : Bhaj can be used for medicine. Musure Kutus, Kai, Gobre Sallo we can use ink.

Interviewer: did you get technological and financial support to do that?

Man 92: no we dint get any. We called Jhapo, it is leaf of Nigalo and we can produce nice quality ink from that too. We can use Sashi to produce oil as well.

Male 50: we used to take Sashi and put that in Janto to produce oil.

Male 80: we used to do that without any financial help.

INTERVIEWER: do you used to use *Sallako Chop* to light your home?

Male 92: yes we used to use that. I can show you now if you want.

Male 92: we used to use Mallo and Ghore to produce oil and we used to use that oil to make Nepalese bangle.

Male 80 agreed with him.

Female 50: we also have Rakta chandan in our jungle.

Participants clarify that it is not Rakta Chandan, it is just Chandan.

Female: my husband worked for three years to supply Chandan and Kagate Paat. He had three workers. He used to buy those in Rs 3 per Kg.

INTERVIEWER: what kind of fuel do you use for cooking?

Female 45: we use fuel wood.

INTERVIEWER: do you collect fuel wood in your own field or you go to community forest?

Female 45: we have Uttis in our field we use that when we are busy and cannot go to the jungle. But we collect fuel wood once a year in the community forest.

INTERVIEWER: is Uttis is the most that has been used for fuel wood in your village?

Female 45: yes.

INTERVIEWER: you have other kind of trees as well but why Uttis?

Female 45 and Female 32: it is more in our jungle and easily available in our field. And it is more flammable. And we Uttis are not strong enough to use it as timber for house and furniture.

INTERVIEWER: is there any conflict between villagers while collecting and distributing fuel wood?

Female 48: we have our well explained rules and regulation so there is no conflict.

INTERVIEWER: how is the work of community forest committee?

Female 45: yes it is working well.

INTERVIEWER: what committee has done to preserve the forest?

Female 45: it has refrain villagers form cutting trees randomly, it punish those who have not followed the rules made by the committee.

INTERVIEWER: who goes to collect fuel wood in your home?

Female 45: I go myself.

INTERVIEWER: why not men?

Female 45: they have their own work, earning money for the family. However, if they are free they help us to collect fuel wood. Men work as much as women in our village.

INTERVIEWER: In some places I have heard that women wants protect their men and so that they don’t criticized their man even though they don’t work? Is this true?

Female 45: I don’t know about other village but in our village there is no such think that man are staying doing nothing and women are working all day. It is equal.

Interviewer: who cook foot at your home?

Female 45: If I am at work than my husband cook and if he is at work than I have to cook.

INTERVIEWER: is it only at your home or it is like this in the entire household.

Women: I think, it is like that in the entire household.

INTERVIEWER: is it like that in your home too?

Female 35: yes we work together. I don’t lie.

Female 48: in the 21 century if one woman lies to protect wrong doing of a man and choose to be suffered than that is not good.

INTERVIEWER: (Asking men) are the entire women participant telling the truth?

Male 55: yes.

INTERVIEWER: who cook at your home?

Male 55: whoever frees to cook, it can be me, my wife or our children. There is no fixed responsibility handed to one member of the family.

Interviewer: Approximately, how many times do you cook for your family.

Male 55: it depends on the need. I cook if I have to. I certainly have to cook for four days when my wife in her period.

Male 38: in the monsoon season (Aasar and Srawan) women work in the field as Ropar and men do other things like Bause. Men finish earlier than women and come home early and they have to cook for their wife.

Interviewer: do you think that the bio fuel can compete with the oil imported from somewhere else?

Male 80: yes it will. I don’t know about other but oil obtained from Amphi can compete with other fuel.

Women: I have not heard that much about Amphi but you must have heard about Sajiban and Naisar, we can produce oil form these. These plants have high probability of producing bio fuel.

Male 45: we are managing with fuel wood now but if we can obtain more refined bio fuel than that will be fantastic.

Interviewer: what if refined bio fuels happen to be slightly more expensive than imported oil? Will you still choose to buy bio fuel?

Man: I will look for benefits in health, local income, and use of local resources rather than looking at the price.

Male 55: we have to plant Amphi and other trees commercially.

Interviewer: do you think that Nepal government should make policies regarding Bio energy?

Female 45: government should do that.

Female 45: we are wasting plants and trees available in our jungle. If we preserve them and produce oil our future generation will be benefited. We should make some change. Our coming generation should not suffer what we are suffering now.

INTERVIEWER: who goes to collect fuelwood in your home? Male? Female?

Female 22: Bothe gender goes to jungle for fuelwood. It is equal.

INTERVIEWER: who takes major decisions?

Female 22: Both should agree.

Female 25: We are female and cannot climb trees and we will need help from male member. Male member work outside and we have to do household work.

INTERVIEWER: What is it like in your family?

Female 50: I am old now. I used to do it previously.

INTERVIEWER: who takes major decision at home? Such as buying big property.

Female 45: there should be mutual agreement. We have to agree even to open a bank account.

Interviewer: if this project came in your village, will all people be benefited equally? How to reduce inequality?

Male 80: we cannot give land to cultivate plant and trees to those who do not have land. But community can provide public land for them.

Male 50: people with weak financial situation should be provided finance from NGO/INGO or co-operative organisation to help them to lease land.

Female 50: in saying it is equal. There were many battles to make everyone equal. But in our VDC there are some people who do not have land at all and some has a lot.

**FGD 3**

**Recording 140403\_003 Ward no: 9 Dhaging Gara Hamsapur**

Interviewer R: introduction to our project.

Interviewer R: can you tell us some about plant and species in your village?

Male 47: we have Uttis, Katus and Chilaune here. For oil, we have Ghore, Amphi and Gadeli.

Interviewer R: What kind of Cattle do you keep?

Male 47: we don’t have cow, we mostly keep Buffalos and goat.

Interviewer R: how about the market centre?

Male 47: we have to walk for an hour to reach Bhachchek Bazar.

Interviewer: what do you use for cooking purpose?

Male 47: we use fuel wood, especially Uttis.

Interviewer R: you keep Bedfellow and how about gobar gas? Do you have it?

Male 47: it is not possible. No one has it in my village. However, there is rumour that 2 or three household are making an effort to have gobar gas.

Interviewer: how about Solar and LPG gas?

Male 47: About 4 to 5 houses has gas but it is only my house in village that has solar.

Interviewer: what are the reasons that you are still relying on the fuel wood?

Male 79: it may be because we have plenty of fuel wood in the jungle. I don’t have money to buy gas and I don’t even know how to operate gas. I have mobile but don’t know how to operate it. I have to ask for help every time.

Interviewer: you only have two of you (husband and wife) in your family. How do you collect fuel wood.

Male 79: I have to hire manpower for that.

Interviewer: is it beneficial for you?

Male 79: I don’t have other option. People, who I have been paying for collecting fuel wood and farming has big building now.

Interviewer: do you know any plant and trees that has oil.

Male 79: yes it is Chiuri, it is so pure.

Interviewer: have you ever heard about Bio fuel before?

Male 79: no I have not.

Interviewer: I told you little bit about bio fuel just before we start discussion. Do you think we can produce bio fuel by using plant and trees available in your field and jungle?

Male 79: Yes we can produce bio fuel but some of the trees are disappearing, like Ghore. We have Gadeli and we have to protect it. We don’t have Amphi, it has disappeared. We don’t have Chiuri.

Interviewer: do you know any other plant and trees?

Male 79: No, I don’t.

**Male 60 years**

Interviewer: what kind of fuel do you use for cooking?

Male 60: we use fuel wood and fodder, both. We use fuel wood to cook food for cattle but for us we use gas.

Interviewer: where do you collect your fuel wood.

Male 60: from my own field.

Interviewer: don’t you have community forest?

Male 60: we have it but I do not collect fuel wood from community forest. Sometimes I do collect dry twigs.

Interviewer: do you get enough fuel wood from your field?

Male 60: yes it is enough.

Interviewer: do you have gobar gas?

Male 60: no I do not have it.

**Female 79**

Interviewer: who does go to collect fuel wood in your family?

Female 79: my daughter in law.

Interviewer: don’t you have your son at home?

Female 79: I have oldest son at home, two sons are in Chitwan.

Interviewer: is it only your daughter in law who collect fuel wood?

Female 79: my son does it as well.

**Recording 2**

Interviewer: are there any people and organisation coming to do bio fuel project?

Female 79: No.

**Female 45**

Interviewer: did you know anything about bio fuel before we told to you?

Female 45: no.

Interviewer: if this project came to your village, will your community be helpful?

Female 45: if it is good god for us than we will help you. This project has to be able to show the positive difference in our community and everyone will be helpful.

Interviewer: who goes to collect fuel wood in your home?

Female 45: it is only me, stay here in the village and therefore I have to do it on my own. I employ other people. My husband and children are in the cities.

Interviewer: have you been effected by the smoke in the kitchen?

Female 45: Yes, I do suffer breathing problem and eye irritation. We have to go far cities for treatment, Kathmandu, Pokhara and Chitwan. We don’t have hospital in our VDC.

Interviewer: do you have improved cook stove?

Female 45: No, I don’t have it.

Interviewer: why don’t you have it.

Female 45: we don’t know how to build it and there is no one to train us to build.

Interviewer: where do you collect fuel wood form?

Female 45: I collect fuel wood from my own field. We don’t go to community forest.

Interviewer: there are other wards in your VDC which has community forest but why don’t you have it?

Female 45: we have common forest but it is not community forest. We get enough fuel wood from our field so we do not have to rely on community forest.

**Male, 65**

Interviewer: is your jungle increasing now or decreasing?

Male 65: it is increasing now. People used to do allot of forming and they used to rely on jungle for fuel wood. Now, there are lots of uncultivated lands and new trees are coming on those lands and people can get their fuel wood from those lands. And therefore jungle is increasing.

Interviewer: why they have given up farming?

Male 65: most of the young people are heading to foreign country for job and there is not enough manpower to do it. I have five sons and all of them are abroad for employment. We cannot collect fuel wood from far jungle and therefore we have to rely on nearest field.

Interviewer: do you have Alaichi farming?

Male 65: yes we have it. It is easier to do Alaichi farming than rice.

Interviewer: if you can earn form Alaichi farming than why people go to abroad for work?

Male 65: it is new. It has been ten years, Alaichi becoming popular.

Interviewer: have you heard about Bio fuel before?

Male 65: no

Interviewer: what kind of trees do you use for fuel wood?

Male 65: Uttis, Katus and Chilaune.

Interviewer: most of the household in this VDC use Uttis for fuel wood, why is it like that?

Male 65: we have Uttis allot. If we keep some land uncultivated for one year there will be Uttis all over automatically.

Interviewer: I have heard that coal form Katus and Chilaune are better than from Uttis, so why don’t you use Chilaune and Katus more?

Male 65: I have already told you that we have more Uttis in our field.

Interviewer: how long does it take you to go to jungle?

Male 65: it takes one and a half hour for up and down.

Interviewer: do you think that government should do something about bio fuel in your community?

Male 65: yes we do, but government has not done anything yet.

Interviewer: how do you explain importance of bio fuel for your VDC?

Male 65: it is very important for us if this project is possible to come here.

Interviewer: what kind of changes are you expecting by this project? Do you have any expectation?

The entire male participant: well, it has not come yet and we don’t know the exact benefits form this project. We just expect positive changes in your society.

Interviewer: don’t you think that if people get employed in the local community the migrating to abroad will decline?

Male 65 and Male 79: obviously people will stay in the village and there will be no need for leaving the family for job abroad.

Interviewer: now you are doing Alaichi farming commercially, can you tell us if you will be doing same if the bio fuel project came, to farm trees and plant suitable for bio fuel production?

Male 60: yes we can do it. However, we will need training, guidance and financial support for that.

Interviewer: don’t you want get rid of fuel wood in your kitchen?

Female 79: we want but we don’t have any option.

Interviewer: can you collect fuel wood for your consumption?

Female 79: no I cant, I am an old women.

Interviewer: who collect fuel wood for you than?

Female 79: I have to pay for the people.

Interviewer: how much do you pay per person per day?

Female 79: 500 for men and 400 for women.

Interviewer: why women get paid less than men?

Most of the participant replies: it is because they cannot use Bancharo and they also carry some bundle of fuel wood. Men are stronger than women.

Interviewer: is gender discrimination decreasing now than in your time?

Male 75: it is kind of equal now.

Interviewer: is there gender crimination in working in kitchen (cooking)?

Male 75: yes, in most of the family, female member are the cook. But I do cooking as well sometimes. My wife cannot carry heavy weight and I have to go to the mill for rice.

Interviewer: how many household does have gas in your village?

Male 75: about half of the household has gas.

Interviewer: is it true that household who has one or some member abroad do have gas?

Male 65: yes it is true. Because those household do have more cash.

Male 75: our village is cold and we cannot only rely on gas. We will need fuel wood to warm up. We have cattle and we have to cook food for them.

Interviewer: do you have water resource committee in your village?

Male 65: we don’t have it. But we all gather and repair our water resource if there is needed.

Interviewer: do you have community forest committee?

Men: no we don’t have it.

Interviewer: do you have Aama Samuha?

Male 65: yes we have it.

Interviewer: how is Aama Samuha working to develop your community.

Male 65: Samuha has done fantastic job. They have done some financial support for small hydro power to light this village.

Interviewer: how do the collect and save money?

Male 65: we had started collecting money Rs 5 each member and now it is Rs 10 each month.

Interviewer; is there any kind of conflict while collecting and distributing fuel wood?

Male 65: no there is not. We usually collect fuel wood from our own field and therefore there are no chances of conflict.

Interviewer: Do you think that we can produce cheaper bio energy than other currently available energy source in the market?

Male 65: we cannot say it now. We will know when it comes.

Interviewer: if it happen to be slightly expensive than currently available fuel in the market, will you still choose to purchase bio fuel?

Male 45: no we will not buy that. We will go for cheaper option.

Male 65 have same opinion.

Interviewer: if such kind of project helps you to increase you’re earning than you can afford it. Isn’t it?

Male 65: yes we can buy that in that case.

It should increase our earning in accordance to increase in price.

Interviewer: what do you grow in your field for edible oil.

Male 65: we have Tori.

Interviewer: can you name other plants which are not edible?

Male 65: Khiria and Angeri. It contains poisons. If animal eat Khiria it will be sick or even die.

Male 65: we also have Ketuke.

Male 60: it is poisons but we can make Damlo and rope form this.

Interviewer: how do you process Sajiban and Gadeli in coal?

Male 65: We can process Gadeli and Amphi in coal and will need Chepuwa for Ghore.

Interviewer: are there any other plants and trees?

Male 65: Chiuri. We can produce pure oil from this.

Interviewer: is there any other plant and trees decreasing like Amphi?

Male 65: Ghore, it is decline due to using it for fodders.

Interviewer: what do you use for fodders?

Male 65: Chilaune, Ghore, Katus.

Interviewer: what kind of plants do you use for medicine?

Male 45: Chutro, Thakali Kada, Chalnesi, Ghot tapre, gurjo, Kurilo, Malpa Kera.

Interviewer: any plants to produce Amilo?

Male 65: one is Chutro, Bhakaulo, Malaya and Niwa and Kathe and Jamir.

Interviewer: Do you have any suggestion for us and for this project?

Male 65: I don’t have much suggestion now. I will know it once it comes.

Interviewer: who do you think should involve with this project for its success? NGO, Government, Co-operative or various group and committee in village?

Male 65: it will be good for us if it came in our village.

Thank you very much for your participation.

**FGD 4**

**Recording: 140401\_001 Lapsibote, Ward No; 3 Kankane.**

Interviewer: How do you sell Alaichi? Does farmers who are major supplier control the price of Alaichi?

Female 62: we don’t know that much but in our neighbouring village they sold it in 1120 per Kg but we manage to sell it in just 1105 per Kg.

Interviewer: was there any people coming to your village with project like this?

Female 62: No

Interviewer: we heard that people used to use Amphi to light home?

Female65: we dint do it but our grandmother did.

Interviewer: is there Amphi in you jungle currently?

Female 55: yes there is some.

Female 45: No there is no Amphi in our jungle.

Interviewer: who goes to collect fuel wood in your home?

Female 65: we all go.

Approaching to another women aged- 65: who collect fuel wood in your home?

Female 55: I am an old lady and cannot go to jungle to collect fuel wood. My son does it.

Interviewer: who does fuel wood collection at your home?

Male 72: my wife and me. There are no other people to help. All the children are in Kathmandu for study.

Women 65: we have to put application in the community forest committee for dry trees and have to pay as well. But we don’t have to pay and don’t need to put application for dry twigs in the jungle.

Interviewer: how many household do you have in Kankane?

Female55 : we have six houses.

Interviewer: does anyone have gas in your village?

Both Female: no, no one has it.

Interviewer: why don’t you have gas?

Female 55: we don’t have money.

Female 65: it is not about money. We can afford it but we don’t know how to operate it.

Interviewer: why don’t you learn it?

Female 65: my children know how to use it. They have it in Kathmandu. But we don’t have gas here.

Interviewer: if you ask your son to take a gas stove and cylinder than will he buy it for you.

Women-65: yes they will.

Women- 62: they make fun about us and not knowing much about modern things.

Interviewer: they should have taught rather than making fun. Isn’t it?

Male 72: they just come for few days and go back to Kathmandu and we don’t know how to do on an off. And that’s why we don’t use it.

Female 65: my children says that the food are tastier when you cook in fuel wood rather than in gas. I want to treat them when they are here and I cook food in fuel wood.

Interviewer: so, they just care about the taste. They don’t care about your hard work?

Female 65: yes, you are right. They don’t care about smoke that killing us.

Female 55: my son told me that people who stay in the fuel wood heating are stronger.

Interviewer: we are here for bio fuel project which I told you already. Do you think you can get health benefit if bio energy production started in your community?

Female 55: yes it will be good.

Male 72: some houses have improved cooked stove and it is much better than open fire place in terms of reducing smoke.

Female 65: it cost 5000 and we cannot even afford to have it.

Interviewer: will your son buy bio fuel for you if that produced in your community?

Female 65: we have to talk about it. Probably they will buy it for me.

Interviewer: how is the market for bio fuel in your community?

Female 65: I cannot tell anything about it until we produce and take it to the market.

Interviewer: who cooked food at your home?

Female 65: me and my daughter in law.

Interviewer: how about your son? Does he cook sometimes?

Female 65: no. because they have to work outside.

Female 55: they don’t even go in the kitchen and check the flame (fire). (Pointing at son) look he is my son. He just comes here to play cards. I have to call him many times even to have food.

Interviewer: why are they like that? Is it because you don’t want them to cook or you just love too much to your son?

Female 55: it could be that.

Interviewer: why don’t you say that you are fasting and you don’t want to cook. And they will learn the lesson.

Female 55: no, it will not work. They will rather stay hungry. And I don’t want them to be hungry.

Interviewer: Are there any specific trees or plant decreasing in your jungle? Like Amphi?

Female 55: Amphi disappeared because it is covered by other trees, Chilaune and Katus

Female 55: about ten years ago one man was sick and later it was found that it was due to eating a lot Amphi.

Interviewer: will you helpful for this project if it came in to your village?

Male 72: I saw Amphi in Madras first.

Female 65: I want to tell you interesting things about Alaichi. I got married and came to this village. There were other 3 newly weed bride as well. They were my friends. We had not seen Alaichi. There was one farmer who used to grow Alaichi. One day we found three Alaichi fruit. We ate and that was really tasty, sweet. After that four of us decided that we will still Alaichi and eat them. We left home by saying that we are going for *Kamero (use for house decoration).* We were walking in Alaichi field, uphill and downhill but we didn’t found any. We came home at the evening without Alaichi and without Kamero. Later, we discover that Alaichi fruit can be found on the bottom of the Alaichi trees. We felt so silly that we were searching Alaichi fruit on top of the trees.

Female 65: it tastes like fresh yogurt.

Male 72 said the same.

Interviewer: How many bhari fuels wood it takes to dry up one quintal Alaichi?

Female 55: 15 to 20 Bhari.

Female 65 said same.

Interviewer: how do you dry it?

Male 72: we put dry and green wood in the Mud oven and Alaichi on the top and it should dry gently. Over heat may destroy the colour of Alaichi. It should be red.

Interviewer: do you know for what purpose Alaichi can be used?

Man and women: we don’t know. Who went to the training may know about it. But we were not invited to the training and therefore we don’t know about it.

Interviewer: why dint them invite you?

Female 65: cleaver people went for training. We are not educated and we are not cleaver and that is why we were not invited.

Interviewer: don’t you get self-motivated to participate in the training rather than waiting for their invitation? Or have you ever raised your voice that you should get training as well like others?

Female 65: we dint get any notice about the training. We would have raised our voice otherwise. We may not able to discuss the issue but we can listen what they have been saying.

Interviewer: are there any conflicts in collection and distribution of fuelwood?

Female 65: No there is no conflicts. My brother in law making a house now and he will need timber. For that he has to put an application to president of the ward and it has to approve by community forest committee. They specifically decide how many trees to give. We cannot cut trees randomly.