**Baseline Interview Transcription Family 11**

Interviewee: Cleophas Nyukuri [CN]

Interviewer: Michiel Smits [MS]

Observer: Beata Duda [B]

Social worker: Geoffrey Ngeywo (G)

MS: As independent researcher I am going to conduct an interview with you to get to know

your views on your housing situation. You are family 11, so application 11, living in

the village of Famia and for the purpose of our research you have been given

number 11. This interview is voluntary, will take between 1,5 to 2 hours... *[Noise interruption]*

MS: Wondering what that is...

GN & CN: Posho mill.

MS: Aha.

MS: It will take between 1,5 to 2 hours and can be stopped by you at all time. If you have any questions or uncertainties you are welcome to address them during the interview. So please do not wait till after, just feel free to ask them in between. I have written the questions down and printed them to be precise, I am sorry this might feel impersonal , because we’re reading from 3 piece of paper, not just having a nice chat, but is essential to take the same interview and ask the same questions with the other families. So it’s just to be precise.

Your family has applied for the rural housing studio project, which will help you to build a new house with your family. By signing the contract you have committed your family to the project and are you able to abandon the project at all time, as was stated in the contract. This project is a part of my research at the Delft University of Technology in The Netherlands – that’s my Univeristy that aims at helping rural families to build houses, which would increase the level of your family’s self-reliance, independence of your family. Although we are helping you to construct a new house, we intend to make you independent from external labour and help, so that you will not be depending on NGO’s, finance or anything, you can just do everything by yourselves. To do so I’ve written a book, quite a thick book, to instruct the team to advise you how to build a house by yourself. They are here to advise you how to build a house by yourself. The outcomes of this research will directly influence your living situation; however will not directly influence the community. So David, your neighbour, he might see some things, but, he will not directly benefit your community. It will directly benefit you, as a family. This interview is meant to understand how did you build your house - in your case, you are renting your house, so the questions, that we are going to ask is about your past house, the house that you had before; to what extend you were able to build that house yourself, to what extent you had the help of the community or that you hired labour to build that house. We are curious if you will be more independent, self-reliant with regard to your housing situation after the team: which is the student and the architect, leaves you behind.

Do you understand the procedure?

CN: Yes

MS: Do you have any questions about the procedure?

*[No answer]*

MS: So it’s going to take 1,5 to 2 hours. You can stop at any time. You can ask any question; these are the procedures of the questionnaire. Do you have any questions about that?

CN: No.

MS: Alright. We have a lot of questions for you, so brace yourself

*[Laughter]*

MS: The questionnaire consist of two sections: One is about the house that you had before, your former house, and the other is about the house that you desire, the new house. So we start with the old house. So the house before this house *[rental]*, where did you live?

CN: I lived in my father’s home.

MS *[to BD]*: Because this *[pointing at the structure]* is a rental house, and before when people were renting the houses, we asked them about the house that they lived before

BD: OK.

MS: So this is the house of your father. Where was this?

CN: Famia.

**Question 1,** MS: This house, did you own it yourself?

CN: ?

MS: The house of your father?

CN: No.

**Question 1,** MS: Your father owned it?

CN: Yes.

MS: Did you have to pay him, to live there?

CN: No.

**Question 2,** MS: Did this house consist of one building or multiple, the one that you were living in?

CN: One.

**Question 3,** MS: What was the size?

CN: 4-5

MS: Meters?

*[CN is nodding]*

**Question 4,** MS: How many rooms did that house have?

CN: This one? *[Pointing at the rental house]*

MS: It all about that house? How many rooms...

CN: One.

**Question 5,** MS: You can always ask a question. We have plenty of time. Was this house large enough for your family?

CN: What?

MS: Was it large enough for your family to live in?

CN: Yes.

MS: Was it big enough?

CN: For me?

MS: And the children...

CN: No.

**Question 5a,** MS: Can you explain why?

CN: Hm...

**Question 5a,** GN: Why was this house not enough for your family?

CN: First, the house was not mine, it belong to my father’s family. Second, I was alone and I married my wife then we had 2 children, then we decided to get a new house.

MS: And you decided that after *[having]* two children?

CN: Yeah.

MS: Just to have an idea, how long ago did you live there - when did you move here?

CN: Around 9 years.

**Question 5a,** MS: Did you own that plot?

CN: This one? *[Pointing at the rental house]*

GN: No, no, where you lived

CN: No.

**Question 6,** MS: This is about the past, and about this situation, do you own a plot?

CN: Yes.

BD: Is it here or somewhere else?

CN: The plot?

GN: Yeah.

*[incomprehensibly: ’around here’ 18:19]*

CN: Around 2 km.

CN: About 200 meters from here

MS: 2 kilometres, that’s far!

*[Laughter]*

**Question 7,** MS: The house at your father – with which materials was the house built? And I would like to specify from foundation, floor, walls, roof. So how was the foundation made?

CN: We dig the holes, then we put there the, what you call it, posts, then we build the roof

MS: The floor? Ah, you are explaining the order, ok, maybe that’s better. Holes, posts, roof.

CN: Roofing – the grass.

MS: Thatched? Mhm.

CN: Then wall – mud.

BD: With or without fitos?

CN: Fitos.

MS: Are how did you connect the fitos to the posts?

GN: You used nails or rope?

CN: Rope.

MS: Traditional, he?

*[CN and GN laughing]*

BD: Very good.

MS: The real way. Walls –mud and any smearing?

*[CN speaking in Kiswahili]*

GN: Cow dung [*translation]*

MS: Outside or inside?

CN: Both

MS: Floor?

CN: The same. *[Speaking in Kiswahili]*

GN: Compacting.

MS: So soil, compacting, cow dung?

CN: yes.

MS: Doors and windows?

CN: There was no window. *[Laughing]*

MS: It’s old school way, without windows, safer. Only have a door. And doors were made out of?

CN: Off-cuts.

MS: Ah, yeah. *[To BD]* It’s rough cuts.

BD: Off cuts like that *[pointing at the wall of the house made out of off-cuts]*

MS: So no iron sheets. That’s the first time.

BD: Mhm, so the roof was made out of grass, and the construction?

CN: *[Something in Kiswahili]* posts. *[More in Kiswahili]*

GN: Fitos.

CN: And rope

BD: OK.

GN: The old school.

MS: We tried that one up there *[referring to the experimental building of a kitchen unit couple of years back]*

*[GN, CN and MS laughing]*

MS: Challenging...

BD *[to MS]*: So this one *[question]* goes away.

MS *[to BD]*: But we will repeat it.

BD: Yeah, yeah. But 8 and 9 doesn’t apply now.

**Question 10,** MS: Talking about the materials that you just mentioned in that house, at your father. Were all those materials locally available? So could you walk and get them?

CN: Yeah.

**Question 10a,** MS: Did you have to pay for these materials?

CN: Only door.

**Question 10b,** MS: Did you bring the materials yourself or did you hire somebody to bring them?

CN: No, myself.

**Question 12,** MS *[to B]:* 11 - we can skip. Are those materials expensive, cheap, for free? And we are going per part, or not really?

BD: Yeah, let’s try.

MS: On the next page you have a scale: very cheap is 1, cheap 2, affordable 3, expensive 4, very expensive 5. So we are going through the materials that you’ve just mentioned and just say very cheap.

GN *[is interrupting]*: just one, grass, palls, walls..

MS: Let's go: palls? The posts.

*[CN saying something in Kiswahili]*

MS: So very cheap, cheap, affordable, expensive or very expensive?

CN: Affordable

BD: Fito’s?

MS: I’m sorry; it’s just to make sure we are not making any mistakes. At the previous questions we asked you if you had to pay for materials, you said that you only had to pay for the doors.

CN: Yeah.

MS: So did you have to pay for the posts?

CN: No

MS: So, in this case, if you do not have to pay – it’s very cheap. You don’t have to pay anything – very, very cheap.

GN: So if you don’t have to pay anything, it’s very cheap, you are paying something very little...

MS: Do you understand?

GN: So in order to use this way of answering.

BD: OK, but we can ask per one. So: posts you could have for free?

CN: Yes.

MS: The ones on the roof?

CN: The same.

MS: The fito’s?

CN: The same.

BD: The grass?

CN: The same

MS: Soil?

CN: The same.

*[CN chuckles]*

BD: And was it soil local one or you had to pick it up somewhere?

CN: Somewhere.

MS: And you brought it yourself?

BD: And was it very far?

CN: No.

GN: So we can say it was affordable.

MS: No, we can say it’s cheap, because he didn’t have to pay anything.

BD: Off-cuts?

MS: for the doors?

*[CN in Kiswahili ending with a word ‘forest’]*

GN: So we can say it’s affordable...

MS: You had to pay some?

CN: Mhm.

MS: Was it expensive, or little money?

CN: No, it is affordable.

BD: String?

*[CN speaking in Kiswahili]*

GN: Oh, you made from the sticks. *[CN is referring to the local type of rope make from bark of twigs].*

BD: Ah, OK, so you made it yourself?

CN: Yeah

*[Everyone chuckles]*

MS: Really traditional! We did the same *[referring to the experimental kitchen unit building mentioned before]*. Only wet grass...

GN: Oh yeah...

**Question 13,** MS: It’s a pity. Did you build that house yourself? Do you build it?

**Question 13a,** CN: My father, when I was helping him.

MS: So together with your father?

CN: Yeah.

**Question 13f1,** MS: I would like to go through the different parts of the house and explain if your father did it or you did it, or together. So, the digging of the holes? Did you do it or your father did or together?

CN: Together.

MS: The posts?

CN: All together.

MS: Everything you did together?

CN: Only roofing.

MS: You did?

CN: No, my father.

MS: Good, clear. We go faster this way. *[To BD]* We can skip D?

BD: Yes.

**Question 13e,** MS: Were there any community members helping you building? Besides you and your father, were there other people helping?

CN: My sister and my older brother. Even my mum.

MS: That’s it?

CN: Yes.

**Question 13g,** MS: It’s kind of an obvious one, but I need to ask it: Did they help for free or did you have to pay them?

CN: No, free.

**Question 13h,** MS: Did you hire any labour in that house? Any fundi? Did you need to hire anybody?

CN: No.

**Question 14,** MS: To what extent do you have the knowledge to build that house?

*[CN is silent]*

BD: Do you know how to build a house like this?

MS: That house – if I ask you could you build this house.

CN: Yes.

MS: Could you build it?

CN: Yes.

MS: Everything?

CN: Yes.

BD: Even the roof?

CN: Yes.

*[Everybody chuckles]*

Ms: Yeah, you would know how to build the roof?

CN: Yes.

MS: That’s a good one.

BD: Because you said it was your father *[building the roof]*, so probably you helped, but it was your father who did that, that’s why I’m checking if now you could do that.

CN: Yes.

**Question 15,** MS: How and when were you trained to build in that way?

*[CN is silent]*

MS: If I ask you where have you learnt to build that way?

CN: I learnt through my father

**Question 16,** MS: Were there other houses that you’ve built, helped built?

GN: Apart from that one, were there any other houses that you participated in building?

CN: Many.

MS: This is going to be interesting.

**Question 17b,** BD: Were they houses of your family or relatives or community?

CN: I have built a house of my friend, my neighbour, others in the community.

MS: Just to get an idea, how many houses in the community did you build? Just a number.

CN: In this community?

*[MS is nodding]*

CN: It’s around 100.

MS: So really old school. It’s really interesting, he?

BD: A lot of houses.

**Question 17a,** MS: But these people didn’t help you build your house?

CN: No

MS: They didn’t?

CN: They didn’t.

BD & MS: Very interesting.

MS *[to B]*: Should we maybe ask about what the compensation fort that was?

BD: Yes.

MS: The friend and the neighbour that you helped, and many other community members, did you get paid to help them?

GN: When you go and help them build those houses for example, do they pay you anything or you just help?

CN: No, some helping, but some paid.

MS: And the people that didn’t pay you, did they give you food?

CN: Yes.

MS: Just estimation, how many of the... I’m just curious; how many of the families paid you to help? How many of the hundred that you’ve helped?

CN: It’s around... 20.

MS: So you are a very good community member then.

*[Everyone is smiling]*

BD *[to MS]*: We need b.

**Question 17b,** MS: So in building these houses, what did you help with, in which parts did you help with mostly?

GN: Mostly, we have floor, walls, roofing, which part?

CN: When somebody calls me to help, it’s only to give me material, and then we start..

GN: pegging

*[CN saying something in Kiswahili]*

*[Neighbour translates]*: measuring

CN: Measurement. Then we dig holes together

*[Something in Kiswahili]*

GN *[translating]*: So he has been participating in all areas.

CN: Yeah.

MS: I should have you as a neighbour.

*[GN and CN chuckle]*

MS *[to B]*: This is about this house. Does that make sense?

BD: Yes. But then I think we have to go through couple of questions *[again]*, amount of rooms, and materials.

*[MS and BD discussing which question needs to be asked next]*

BD: So we are now going to ask you about the house you are renting, about this *[pointing at the house]* house. And first question will be the materials that it’s made out of. I know that you didn’t build it, but we just need to know what it’s made out of.

MS: So how was this build? Quite differently I would say.

CN: Yeah.

MS: So what are the materials form foundation, floor, wall, roof?

CN: From the foundations, is maybe same, posts. From posts, roofing. After finishing roofing, we come to off-cuts.

MS: And the roof is made of?

CN: Post and iron *[sheets].*

MS: And it’s connected with nails?

CN: Yes.

MS: And the doors and windows? There is a windows there? They’re also made out of off-cuts?

CN: Yeah.

MS: How many rooms does this house have?

CN: Two

MS: How many buildings are there? It’s kind of obvious. How many buildings are you living in?

CN: Two.

MS: Two?

CN: Yeah.

BD: And which one is the second one?

CN: One and second one *[pointing at one structure].*

MS: Ahh, the front is also yours.

BD: And does this one have two rooms, or this is one room and the other building is second room?

CN: One room *[pointing at the first structure]*, second room *[pointing at the second structure]*.

MS: More or less the size?

CN: 5x14.

MS: Feet?

GN: Meters or feet?

CN: 5 meters.

GN: By roughly 7, he?

CN: By 10.

**Question 18,** MS: That’s quite deep. Are you satisfied with this house? These questions are about this *[pointing]* house.

CN: For me, you see, like what... *[Answering in Kiswahili]*

GN *[translating]*: Are you content, are you satisfied or you feel, e something you can do to, you know...

CN: Yes. I feel something to maybe like it. *[Speaking in Kiswahili]*

GN *[translating]*: to expand it. So in short you are not content with it?

CN: Yes.

**Question 18c,** MS: What don’t you like about this house? Why don’t you like it?

*[CN speaking in Kiswahili]*

MS: It can be anything: shape, size, material, you can list everything.

CN: Material.

MS: What else?

CN: Hmm... *[Speaking in Kiswahili]*

GN: Environment.

CN: Environment.

MS: You mean like health? What do you mean? Temperature?

GN *[is interrupting]:* Temperature outside or inside? Which one?

*[CN speaking in Kiswahili]*

GN: Oh, it’s in the market *[meaning the house is situated next to the market]*

MS: Ah, location. So you prefer another location?

CN: Yeah.

**Question 18c2,** MS: You can’t pick up the house and put it somewhere else, so. But the question would be what could you change in this house, that you would like it more? You can’t move it, but what would you change to make it better?

GN *[interrupting and speaking in Kiswahili ending with]*: what would you do to make it better?

MS: To this one. It is here, it has to stay here. What would you change to that you would like it more?

CN: I want to build another one.

MS: Just build a whole new one? Or what?

GN *[interrupting]:* Change what? Change the wall, change the roof, what?

CN: Material.

GN: Material in term of wall, in terms of roofing, floor?

CN: The whole house.

**Question 19,** MS: I understand. What would you say your house has in common with the others, so with David, your neighbour or other houses here. What is the same?

GN *[interrupting]:* What is alike?

*[CN is speaking in Kiswahili]*

*[GN is translating the question]* What makes it most like other houses?

CN: These are off-cuts, there’s mud like this one. Otherwise it’s like this one.

GN: But what is common with others?

MS: So the off-cuts.

CN: Yes.

MS: You can see here with your other neighbours that.

And if you look at other things what do you see more? What is the same?

*[CN saying something in Kiswahili]*

*[GN replying in Kiswahili, ending with – “what is that?”]*

CN: Mabati *[iron sheets]*

GN: Iron sheets.

**Question 20,** MS: Did this house need repair since you’ve been living here for 7 years? 9 years. Did it need repairs?

CN: Yes.

**Question 21,** MS: What repairs were needed?

CN: Off-cuts, floor, the iron sheets

**Question 22&a,** MS: How often do you need to repair the house, this one *[pointing at the house]*? Is it like once a month, once a year, once a half year? Just and estimation.

CN: A period?

MS: Mhm.

CN: To repair?

MS: Yes, because it happens often I guess? Repair. So how often?

*[CN speaking in Kiswahili]*

*[GN replying in Kiswahili]*

GN: So once per 6 month, once a period?

*[CN speaking in Kiswahili]*

CN: Per week.

GN: Smearing.

MS: Weekly?

GN: That is the floor. A wall?

CN: Iron sheets?

GN: No, no, the wall, the off-cuts, when you need to repair one?

CN: Since when I build it’s now 9 years, no repairs.

MS: So you did not need repair the wall? Or when you started to rent this house you had to repair the wall? Because you do not own it, you rent it? *[CN is nodding]* So when you got here with the family you had to renew the wall?

CN: Yes.

MS: Ah. And the roof? Also only once?

CN: Yes.

MS: Which of the repairs do you do yourself?

CN: What?

**Question 22b,** MS: Which repairs to the house do you do yourself? So the floor, the wall, the roof, did you do it yourself, or..

GN *[interrupting]:* without only an expert, which part do you do yourself?

CN: By now?

*[MS nodding]*

CN: Everywhere.

**Question 22c,** MS: What type of parts can’t you repair yourself?

CN: No.

MS: So the doors, the windows, the roofing?

CN: All.

**Question 23b,** MS: OK. In case your income, the money that you make becomes less, could you still afford to pay for the repairs to the house?

CN: I can, because it’s a must. *[Laughing]*

*[MS consulting with BD which question to ask next]*

**Question 24,** MS: How much do you need to pay for this house, the rent?

GN: Per month.

CN: Monthly?

MS: Mhm.

CN: 1800.

**Question 25,** MS: Would you have preferred to build this house differently?

CN: Yes.

**Question 26,** MS: What would you have done differently?

CN: What?

MS: What would you have done differently on the house?

GN: Suppose you get a chance to build a house, would you prefer to change, what would you prefer to change. What would you prefer to do?

MS: When you entered here, you bought off-cuts and you bought iron sheets to finish the house. Which other materials would you have preferred to build it with. Instead of off- cuts and instead of iron sheets.

CN: I want to use blocks.

MS: And anything else? Anything that you would have preferred, like the floor...

CN: Blocks, sand,

MS: For the floor?

CN: Concrete.

**Question 27,** MS: why didn’t you build your house with logs and concrete?

CN: By that time I was not able.

MS: Able, in what way?

CN: By now?

MS: No, at that time, past. Why not able?

CN: Costs. Finance.

*[CN and GN laughing]*

**Question 27a,** MS: It’s just that I need to be specific. What would you have needed so much money for those changes? So why couldn’t you pay for it?

CN: Pay what?

MS: To get those materials.

CN: By that time?

MS: Why is that?

CN: I was not able.

MS: You didn’t have the money, yes?

CN: Yes.

MS: Was because it because of the materials being expensive?

CN: No, because of finance, I couldn’t afford it by that time.

**Question 28,** MS: And was it because of the need of fundis too, to build in that way? So the concrete floor, would you have needed a fundi to build that for you or would you have done it yourself?

CN: No *[he would need a fundi]*

MS: And building with logs?

GN: Oh the blocks.

*[CN speaking in Kiswahili]*

GN: Oh, so you in another way you let a fundi to build an expert to build, you couldn’t do it yourself?

CN: Mhm.

BD: Just to be certain: logs or blocks?

CN: Blocks.

MS: Mhm, sorry. I heard logs.

*[Laughing]*

BD: Great.

CN: Or bricks

**Question 29,** MS: Would you prefer to build a house you have sufficient building knowledge of? So would you prefer to build a new house that you know how to build yourself?

GN: Would you prefer to do that? Building the house you know how to build?

Would you prefer to do that?

CN: By now?

MS: By now.

*[CN speaking in Kiswahili]*

CN: Yeah.

**Question 30,** MS: Would you prefer to build this house, the new house by yourself and your community, or would you prefer to hire labour?

*[GN speaking in Kiswahili]*

GN: You prefer to build a house with use of community or hire labour?

MS: What would you prefer?

*[CN speaking in Kiswahili]*

GN *[translating]:* He would prefer to build with the community.

*[CN speaking in Kiswahili]*

*[CN speaking in Kiswahili]*

GN: Do you prefer to build with the community or with engineers?

CN: Engineers.

**Question 30c,** MS: Would you have enough money to buy the materials and hire the engineers?

Would you have enough money?

CN *[quietly]*: No

**Question 31,** MS: Would you consider alternative materials that are cheaper but that are similar to your preferred materials? So when you talk about the cement or building with blocks, would you consider other materials that are the same, but are cheaper? They are different but they are cheaper?

CN: Blocks?

GN: If you prefer, if you get another material that is not blocks, but it’s cheaper? Will you prefer?

CN: Sawa *[means OK]*

**Question 32,** MS: Would you consider ways of building that are closer to what you know how to build? So those 100 houses that you built in the community, would you prefer to build the house which in terms of what you know is close to what you know?

*[CN speaking in Kiswahili]*

GN: Would you prefer to build the house that you know how to build and is closer to exactly house that you know how to build?

CN: No, I want the new one.

**Question 33,** BD: But would you prefer to learn a lot to build a new house or would you prefer not to have to learn so much?

MS: So for instance, to give you an example: You know how to make this type of wall. If you select blocks, the masonry, it takes a long time to know how to build with blocks. But there are other ways of building that are closer to this way of building. So they are closer to what you know. The question is if you would prefer to have another way of building that is closer to that one, still modern, but closer to that one than bricks. Because it’s very difficult, you need to train a lot to know how to build it.

CN: Let me say this. I want to have a new one, modern, new material.

GN: Yes, with a new material, but do you prefer to have just the same material, so it’s about a block, not the one you know, but a local material that has been made closer not to that one, but with similarities.

CN: It can do.

MS: We have too. Until you understand what we are trying to ask, or else you’re gonna give an answer, “yes I want a modern house, no, no, modern house”. This is not what [we want], because when we leave you need to be able to build by yourself

CN: no.

MS: We’re not coming back, he?

CN: Yes

MS: It’s up to you. So if it’s too difficult, you won’t be able to learn. If it’s too difficult, too complicated. So we need to find alternative ways of, you know, how to build modern, but then easier and cheaper. That’s the idea

MS: Would you be interested to learn to build with materials and different methods yourself?

Are you willing to learn in a different way?

CN: Yes.

**Question 33a,** MS: And could you explain why? Why would you like to learn?

CN: Because, earlier, you see, the house as it is, we use this material *[pointing at mud houses],* then house cannot stay for long, *[incomprehensible 3 words 46:36]* makes me to have a change.

MS: Why do you want to learn? This different way, why do you want to learn?

CN: Because of the other question.

*[Laughter]*

MS: OK, so these were all the questions about how you live now and about the past. We’ve covered all those. The next questions are all about the new house that you dream of. Future house.

**Question 34,** MS:Which part of this house [pointing at the current house] would you like to use in the new house. Is there anything; is there anything that you would like to take from this house?

CN: Hmm.

*[GN trying to interrupt]*

MS *[to G]*: Just leave it. Let’s give him some time.

So is there any element, any material, anything that you would like to take from this house, to the next? Take a good look at you house and think: “What would I like to take”?

CN: Sitting room.

BD: And why?

CN: Because it is a *[incomprehensible word 48:08]* of mine.

MS: Any materials?

CN: We’ll use the new ones.

MS: Are you going to take anything? From this house to the new.

CN: No.

**Question 35,** MS: Out of which materials would you like to build your new house? We are going from foundation, floor, wall, roof. So foundation, which materials?

CN: Concrete, blocks.

MS: So concrete, blocks. And then, floor?

CN: Floor? Cement

MS: Walls? So the floor is just concrete?

CN: Yeah.

MS: And the walls?

CN: Blocks.

MS: OK. What kind of blocks would you prefer? So brick, burnt brick, or is it rough cut stone, big stones? What kind of block, which material?

CN: I can use that bricks, blocks.

MS: The roof? What type of roof?

CN: Iron.

MS: And construction? Needs to be carried, he? *[Smiling]*

CN: Yeah.

MS: By what would you prefer the roof to be carried?

*[CN speaking in Kiswahili]*

GN *[translating]:* timber. It has to be carried from this place to that point, because of carrying the mabati, which means...

MS: In that roof *[pointing at the house]* look, you put some rough cuts to carry the mabati, right? You can see: one, two, three, to put the mabati on top. What are you going to use in the new house? The same?

*[CN speaking in Kiswahili]*

GN *[translating]:* Timber.

MS: Timber.

*[CN speaking in Kiswahili]*

GN: which ones is it iron?

*[CN speaking in Kiswahili]*

GN: Fine, behind the steel.

MS: Sorry?

GN: Timber or steel.

MS: Any finishes? Out, inside?

*[CN speaking in Kiswahili]*: Cement.

MS: The doors and the windows?

*[CN speaking in Kiswahili]*

GN: Metal.

CN: Steel.

**Question 35a,** MS: Now, I’m going to ask you the parts that you’ve just mentioned, why? I’m just going to name which part and you explain why? So the construction, you said concrete and blocks, why?

CN: Mhm. I decide to use that material, because it’s a new material, like now for myself I like to change the life.

MS: And what does it change, do you know? What is the difference between post and concrete and brick?

CN: That’s a permanent.

MS: Any other reason, beside permanent?

CN: No.

MS: The floor – concrete. Why the concrete floor?

CN: Because the old system we use *[word in Kiswahili, translated by the neighbour]* cow dung.

By now, I don’t have cattle.

*[GN and CN laughing]*

CN: Is a problem.

MS: So no cattle. And anything else?

*[CN speaking in Kiswahili]*

GN: Flees.

MS: Ah, insects. Anything else, concrete floor?

*[CN speaking in Kiswahili]*

GN: Oh, just cleaning.

MS: Cleaning?

CN: Yeah.

MS: Good. Walls, why do you prefer bricks and cement in and outside? Why do you prefer that?

CN: As the time I say, you see, our house is as it is, makes me to decide to use bricks or blocks.

MS: And could you explain a little bit why?

CN: Because of our soil.

MS: But how it looks, you prefer how the other one looks?

CN: When the rain rains, it washes.

MS: So it washes out.

CN: It washes out.

MS: And the timber, roof – mabati - why do you prefer that?

CN: You see, the first house, the traditional houses.

MS: So the posts with grass.

CN: So about the roofing, the grass is now...

MS: Is gone?

CN: Out. Second...

MS: Out: you mean it’s not there or you don’t like it.

CN: No, there is no grass.

MS: Mhm.

CN: Second, when we use that grass, that house, that grass we will use for short time, like 2 years, and then we will repair.

MS: Yeah.

CN: So it takes a lot of money, because of finding out the grass.

MS: Mhm. OK. So you just prefer iron sheet over grass, because it’s not available anymore and you need to replace it more often. Any other reason that you prefer this type of roof?

CN: It stays for long. Give you time to live without repairing.

MS: And why the steel doors and windows, why do you prefer steel?

CN: This area now, is now on the risk.

BD: So security?

CN: One. There are some guys who are use to take advantage, stealing from the house. If I use that one it will be better.

**Question 41,** MS: So of the materials that you’ve just mentioned, could you, like we did before with the old house, could you explain if those materials are very cheap, cheap, affordable, expensive or very expensive. The scale is on page 8. So when I mention the material, you just state what you think. So, we start with concrete foundation and bricks.

CN: It’s expensive.

MS: Expensive. The concrete floor?

CN: It’s also expensive.

MS: The walls, so the bricks and the cement?

CN: Expensive.

MS: The timber and mabati.

CN: Oh, for me about timber, I have it, so it’s only available.

MS: So the iron sheets? Do you consider the iron sheet expensive? Oh, sorry, I’m already giving the answer. How do you consider iron sheets? Is it very cheap, cheap, affordable, expensive or very expensive?

CN: No, expensive.

BD: And metal for the doors?

CN: For me, affordable.

*[MS and BD consulting the next question]*

**Question 40,** MS: The materials that we were just mentioning, I would like to know if they are locally available. So within walking distance, from where you live, if you are able to get this material. So we are going through the list again and we would like to know if you would need to pay for this materials. So when we talk about the concrete and the blocks. Can you get them here, the materials?

CN: Yes.

**Question 40a,** MS: And you have to pay for them or are they free?

CN: Have to pay.

MS: The floor, the concrete?

CN: Also to pay.

MS: And can you also get it around here?

CN: Yes.

MS: Brickwork and the plaster?

CN: Yes.

MS: Locally available or not?

CN: It’s only sand.

MS: That you need to get from the outside?

CN: Yes.

MS: But the same counts for concrete, because you also...

CN: Near, near.

MS: The roof, the timber you have, so it’s available. And the mabati, can you get it here?

CN: No. In Kitale *[town, some 45km away].*

MS: Is it for free or do you have to pay?

CN: It’s to pay.

MS: The doors and the windows?

CN: It’s also in Kitale, here it’s a bit cheaper.

BD: OK. Transport?

**Question 40b,** MS: For which of these materials do you need transport?

BD: So doors you need to transport, and mabati, you need to transport.

MS: From Kitale. Steel doors and windows, the mabati and sand for the concrete.

BD: Can you do it yourself, or you need to hire somebody to bring it to you?

MS: Can you transport it yourself or do you need to pay somebody to do it for you?

CN: Pay.

**Question 36,** MS: All the materials that you’ve listed on the house that you would like. Do you have the knowledge to build all the parts of this house by yourself?

CN: No.

**Question 36b,** MS: To what extent do you have the knowledge to build this way? Is it none, a little, some, quite much or a lot? To know to build that house, what would you say?

CN: A little.

**Question 36c,** MS: Do you think you would be able to learn all the skills that you need to build that house in 3 months?

*[Neighbour is replying instead of Cleophas]*

MS *[to the neighbour*]: This is an interview with this *[pointing at Cleophas]* man.

So everything that you need to learn, casting concrete, masonry work, casting floor slab, masonry walls, the carpentry, the roofing. Do you think that you can learn all of that in 3 months time? Because we are here, when the construction starts, it’s three months. Do you think that you are able to learn all of that?

CN: No.

MS *[to B]*: That’s the first.

**Question 36d,** *[to CN]*: Is there anybody in the community that could teach you all those skills for free?

CN: No.

**Question 36e,** MS: Or is it so complicated, that you need to hire, normally fundi’s to do it for you?

So if you cannot learn it in 3 months time, the community cannot teach you for free, do you need to hire labour to do it for you?

CN: Now, we are together. *[Laughing]*

MS: So if we would not be here. Would you need to hire fundi’s to do it for you? If we were out. Team is no there.

*[CN speaking in Kiswahili]*

GN: If they are not here then you have to hire or not?

CN: Yeah.

**Question 37,** MS: Could you extend this new house or duplicate it by yourself?

CN: No.

**Question 38,** MS: Would you prefer to build that house by yourself and the community or hire labour? The new house, would you prefer for you to build it, together with David, some neighbours or would you prefer to hire fundi’s?

CN: No, for me, my neighbour, my community, they don’t know how to build this house.

*[GN is interrupting]*

MS: If we could teach them how. Would you prefer it?

*[CN speaking in Kiswahili]*

GN *[translating]:* Yeah.

**Question 38a,** MS: Do you think that you would need the knowledge and help of the team?

CN: Yes.

*[MS consulting next question with BD]*

**Question 8a,** MS: When you are in your house and it rains really hard, how does that iron sheet behave? What does it do?

CN: Noise.

**Question 8b,** MS: When it is noon, 12 – 1 in the afternoon, how does the iron sheet behave?

CN: June?

GN: In midday, 12- 13, with no rain, just sun?

MS: What is the temperature?

CN: Oh, it’s hot, so hot.

**Question 42,** MS: About this new house: would you be able to finance this type of house? Do you have sufficient money to buy that house, all the materials?

CN: Hm, That’s the question that I would like to ask you. Maybe I have material, than you can’t know there are some challenges. When we reach somewhere, maybe the money... The money maybe end. Can you assist me somewhere?

MS: No, never. We can never assist you besides advising you and digging

*[CN and GN laughing]* or whatever. But we can’t assist you in whatever way, with materials, tool or money, never.

BD: But that’s why the engineer and the student are coming here, they will ask you about exactly what you have, how much you have and that why they are going to make a proposition for you, what you can build with what you have. So you don’t end up in a situation that you can have half a house. So they can decide, maybe you need slightly smaller house, but that you are able to finish it.

MS: So the question would be: if you think about this new house, all the cost that would be involved, all the materials, to finish everything, so this is: concrete foundation, masonry work in the foundation, concrete floor, masonry walls, timber roof construction, mabati, concrete finish of the walls outside and inside, all the steel doors – do you think that you have sufficient money to buy all of that?

CN: *[very quietly]* Yes, yes.

**Question 42a,** MS: And how? Do you have savings? Or are you taking a loan?

CN: No. Myself.

**Question 43,** MS: Would you want to build that house yourself?

CN: Yes.

**Question 43a,** MS: Could the community members help you with it? Could they help you with building your house?

CN: Yes.

**Question 43b,** MS: Would they help you? So one is could they help you, and the other one is would they help you? Do you think that your neighbours like David, and other people from the community they would like to help you?

CN: Yes. The community and my friends.

BD: So the community and friends.

**Question 43d,** MS: Would they do it for free or would they be compensated?

CN: Free.

**Question 43d1,** MS: Do you offer anything when they come to help? Do you offer anything? So no money, but...

CN: Based on the relationship. I’ll give them lunch.

*[BD consulting MS on the question]*

MS: So the people that you helped before building their house, would these people help you?

CN: Yes.

MS: Same people?

CN: Yes.

*[MS consulting BD on the question]*

**Question 43e,** MS: Do you think that to build that house, would you need to hire somebody? For some of the jobs or most of the jobs? If we would not be there? So if the team would not be here, would you need to hire somebody for the jobs?

CN: Yeah.

MS: Is it for some or for most? Or for all. So everything that you described, about your future house

*[Wife passes by]*

Habari mama *[how are you, Mam]*

A bit better?

She’s walking, it’s a good sign.

So do you think, if we would not be here and you would build that house, would you need to hire fundi for some, a lot or most of the work?

CN: One, maybe.

GN: No, in terms of we have floor, we have foundation, we have wall, we have everything. Which part would you like to hire fundi. If these guys aren’t there?

*[CN speaking in Kiswahili]*

GN *[translating]*: All.

*[CN speaking in Kiswahili]*

**Question 44a,** MS: Would that house need a lot of repair?

CN: So...

MS: Your new house, your desired house, would it need a lot of repairs, like this one? *[pointing at CN’s current house]*

GN: After finishing the house, you will need to do a lot of repairs, every now and then?

CN: No.

**Question 44d,** MS: Would you say that this is important, for wanting a new house, that there’s no repairs? Is it important to you?

CN: Important?

*[CN speaking in Kiswahili]*

GN: Do you think that is important that the house it does have a lot of repairs?

CN: Yes.

**Question 45,** MS: If there would be any repairs to that house, how often do you think? Once a year, once in 2 years? 5 years?

*[CN speaking in Kiswahili]*

*[CN speaking in Kiswahili]*

MS: Like floor, walls, roof, how often do you think there would be repairs?

CN: I don’t know, because I didn’t use it

*[CN and GN laughing]*

MS: That’s honest.

BD: But what do you expect? What do you think?

MS: What are you hoping for?

CN: You know, as we, we know that when you build a permanent, we will never repair.

*[Everyone is laughing]*

MS: We have permanent house, but permanent house needs a lot repair.

CN: OK.

MS: To maintain. Painting. If you don’t, the house is gone. You need to take care. Like of your mama, same. You don’t give food, it doesn’t work. Same with the house.

*[CN and GN laughing]*

**Question 46,** MS: We had this question before; it was a little bit complicated, but again. All the materials that you explained, so concrete, brick, the carpentry, the mabati. If there would be cheaper alternatives, but just as durable, would you consider them?

*[CN speaking in Kiswahili]*

GN *[translating]*: Yeah.

**Question 47,** MS: Would you want to know how to build or maintain the house yourself? Would you like to know, how to build it, how to take care of it?

CN: But I have to know how to build.

GN: Would you like?

CN: Yes, how to take care of it.

**Question 47a,** MS: So for instance. In the new house, the wall cracks, or you have a hole in your mabati, an elephant fell through the roof, and you lose your job, your income. Would you be able to repair?

CN: Yes.

GN: Yourself?

CN: No. The roof.

GN: For example the new house. Something fell, maybe a branch of a huge tree, falls on the roof and ruin the mabati. Would you be able to repair it?

CN: No.

MS: So you would need to hire somebody for that?

CN: Yes.

GN: We already got that.

**Question 48,** MS: Would you want to learn how to build/repair your future house?

CN: Yes.

**Question 48a,** MS: Would you be willing to help, I know the answer already, but still need to ask you, would you be willing to help to construct to build or repair a house of one of your community members in order to learn how to build?

CN: Yes.

**Question 48b,** MS: Would you be willing to help construct/repair a public building, so school, hospital, orphanage in order to learn?

CN: Yes.

**Question 49,** MS: When we finish the project and we leave, do you think that you will need help again?

CN: Yes.

MS: Do you think so?

CN: Yes.

MS: If we would not be here and you would build that house, would you need help? To build or maintain that house? So if we would not be here and you would’ve built that house, would you need help?

CN: Yes.

MS: To make repairs or maintenance to the house?

GN: The engineers are gone.

MS: No, no, no. We have not been here. You did it yourself. You built this new house. You had a big pot of money built a new house. Spent all the money on your house and something breaks down. Would you be able to make the repairs without help?

*[CN is confused]*

MS: It’s a bit difficult. But it’s...

GN: For example. You decide today to say ok, I’ve saved some money, I’ll build my house. Would you be able to continue repairing it, making sure that it’s ok, without any external help, any external knowledge. Would you be able to do that?

CN: Yes. *[Still looking confused]*

**Question 50,** MS: Just to reconfirm, this is general information, so some short questions about your family. Could you please state your name of you and your wife, please, your names.

CN: My name is Cleophas Nyukuri.

MS: And your wife’s name?

CN: Evelyn.l

**Question 51,** MS: And what are your ages, how old are you?

CN: I, myself? 42.

MS: And Evelyn?

CN: 34.

**Question 52,** MS: What jobs do you have? Which job, what do you do for work?

CN: Farmer.

MS: And Evelyn?

CN: Also farmer.

**Question 53,** MS: The names of your children?

CN: One: Jacob Nyukuri, then Romano, Moses, Josephine, Ada.

MS: Is it Eva?

CN: Ada.

MS: I have that one.

CN: Angeline. Then Remy, That’s all.

**Question 55,** MS: Ages. Difficult, it’s a test is he a good father.

*[Everybody is laughing]*

MS: Jacob?

CN: Born in ’96. It’s ok. Dates are fine.

MS: Romano?

CN: Romano, '98.

MS: Moses?

CN: Moses, 2000.

MS: Haha, good year. Josephine?

CN: Josephine 2004.

MS: Ada?

CN: 2005, *[correcting]* 2006

MS: Angeline?

CN: Angeline, 2013.

MS: And Remy?

CN: Remy, 2015.

**Question 56,** MS: Are they in school? So Jacob, is he in school?

CN: Yeah.

MS: Where? So is it secondary school, vocational?

CN: Secondary, form 4.

MS: Romano?

CN: He dropped out from 2.

MS: And is he working?

CN: No.

MS: No occupation?

CN: Yeah, then...

BD: Moses?

CN: Moses, form 2.

MS: Josephine, primary?

CN: 8.

MS: Ada?

CN: Primary 3.

MS: And then Angelina?

CN: Primary 1.

MS: And Remy is too young.

CN: Is still young.

**Question 57&a,** BD: Any other relatives or cousins living with you?

CN: Yes. Bernard.

MS: OK.

CN: He is 28.

MS: 28 years old?

CN: 2000.

MS: He’s from 2000?

CN: Yeah. Then Lydia, this is standard 4, 2005.

MS: And how are they related to you? The relatives, how they relate to your, brothers, sisters?

CN: Sister.

MS: Your sister?

BD: Or they are children of your sister?

CN: Yeah.

MS: And what is the name of your sister?

CN: My sister? Etna.

**Question 58,** MS: Do you have an income? Are you earning money?

CN: No.

**Question 59,** MS: How much is your shared income as a family, so with your wife?

CN: Income *[in Kiswahili]*

GN: Share income.

MS: The money that you earn? If it’s uncomfortable, then...

GN: Are you comfortable to share that?

CN: Yes.

BD: OK.

MS: Could you indicate how much?

CN: Per day?

MS: No, per month.

CN: Around 5000, 3000.

**Question 60&b&61,** MS: Again ahead of us. It fluctuates. And does it change between seasons?

CN: Yes.

MS: So it depends on farming?

CN: Yes.

BD: And which season is bad?

CN: From May to September.

MS: It’s low?

CN: Yeah.

MS: And the rest of the year it’s better?

CN: Yeah.

**Question 62,** MS: Do you own a mean of transport? So do you have a bicycle, motorbike, donkey, something to transport?

CN: I have a motorbike.

MS: One?

CN: Yes.

**Question 63,** MS: You are a farmer so it’s an obvious question, do you have a shamba *[farming land]*?

CN: We have a plot.

MS: Yeah, is it also farm?

CN: Yeah.

**Question 64,** MS: So you have a shamba, do you own this land?

CN: Yes.

**Question 65,** MS: What does it produce? What do you grow?

CN: Maize and trees.

MS: And the size of the plot?

BD: Both plots, so this one, the one to build and the shamba.

MS: Let’s first... The plot that you want the new house to be built on is that the same as where your shamba is or is it a different one?

CN: Different.

MS: Could you explain what the size of your plot is? For the house? Roughly

CN: ¾ of an acre.

MS: And the shamba?

CN: 1 acre.

MS: And you also own this acre?

CN: Yes.

MS: Many questions, he?

*[CN and GN are laughing]*

Ms: But we are finished! Halleluja!

*[Everybody is laughing]*

87:40 *[General talk continues]*