**GROUP INTERVIEW [Pastoralists, Halideghe Kebele]**

**Sustainability Indicators**

**Environmental indicators**

1. What are the maximum liters or kilograms of pesticides that will have a bad effect on people’s health, your farm/flock of animals or any danger to you and the environment?
2. If you use pesticides, what do you face as the side effects?
   1. Disease spread/death of animals
   2. Water pollution
   3. Reduces soil fertility
   4. Animal death
   5. Illness on farmers
   6. Others
3. List extinct grazing plant species over the past 25 years if you know any.

1. Could you identify how many grazing plant species currently available in the fields?
2. What are your different water sources? (Rank them)

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| **Rank** | **Rainy season** | **Dry season** |
| 1st | Rainwater/flood harvested in ponds | Under ground water |
| 2nd | Underground water |  |

1. In your opinion, what must be done to ensure adequate water supply for the animals and crops all year round by? Rank them
   1. Community:
   2. Government:
   3. NGOs:
   4. Individual farmers:
2. How much fodder do you agree upon as optimum per animal per day as well as available per farmer/day across the different seasons? Write three estimates by rank from pastoralist to agro pastoralist and then landless intensive?

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| **Animal species** | Estimated amount of fodder consumed per animal species per day (nFci/ kg) | | Estimated amount of fodder available to the farmer per day (nF/kg) | |
| **Wet Season** | **Dry Season** | **Wet season** | **Dry season** |
| Cattle |  |  |  |  |
| Goat |  |  |  |  |
| Sheep |  |  |  |  |
| Camel |  |  |  |  |
| Donkey |  |  |  |  |
| Chicken |  |  |  |  |

1. Rank these animals in order of importance?

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| **Order of importance** | | |
| **Environmental** | **Economic** | **Social** |
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**Economic Indicators**

1. Could you submit the market prices (ETB) for the different products you sell from your farm?
2. Meat/kg:
3. Milk/l:
4. Manure/kg:
5. Eggs/tray:
6. What is the minimum amount in ETB a farmer should invest per year to ensure growth of his livestock/farm?
7. What is the average minimum farm income in ETB per farmer to be earned per year in order to be able to manage the animals/farm?
8. Pastoralist:
9. How much in ETB of your farm inputs must be local so that under extreme conditions inputs will be readily available at affordable costs?
10. Pastoralist:
11. How much money do you think a farmer must invest and save per year in order to be confident of prosperity?
12. Pastoralist:
13. What is the maximum number of animals per year that a farmer should sell so that the farm size and survival is guaranteed?
14. Pastoralist:

**Social Indicators**

1. What is the minimum income needed by a farmer in this district per year to support a healthy life and to pay for other services needed by members of the family to which he or she is responsible for?
2. Pastoralist:
3. Which farming system do you generally prefer within your culture and convenience of your people? Rank
4. What are the livelihood characteristics of farmers as defined by your community for the following?
5. Medium income farmers
6. Poor farmers:
7. What accounts for the income gap between farmers...? Education, inheritance, family size or what….? Is this gap causing any form of social tensions?
8. What is the average number of meals per person per day?
9. Pastoralist:
10. How many meals are adequate for a household to be well fed per day?
11. Which land tenure system or a combination is needed for efficient farm management and survival?