

**ANNEX 12**

**SOCIO-ECONOMIC SURVEY**

**KEY INFORMANT QUESTIONNAIRE**

**NAKKAS - BASAKSEHIR MOTORWAY PROJECT**  
**Key Informant Questionnaire**

**IDENTIFICATION**

PROVINCE: **ISTANBUL**

DISTRICT: **ARNAVUTKOY**

VILLAGE: **DELIKLIKAYA**

DISTANCE TO NEAREST PROVINCE CENTER: \_\_\_\_\_ km

DISTANCE TO NEAREST DISTRICT CENTER: \_\_\_\_\_ km

**INTERVIEWER VISITS**

|                             | 1                | 2                | 3      |
|-----------------------------|------------------|------------------|--------|
| DATE<br>(DAY/MOUNTH)        | ____ _           | ____ _           | ____ _ |
| INTERVIEWER<br>NAME-SURNAME | _____            | _____            | _____  |
| RESULT (*)                  | -                | -                | -      |
| DAY-MOUNT<br>NEXT VISITTIME | ____ _<br>____ _ | ____ _<br>____ _ |        |

**(\*) RESULT CODES**

- 01 COMPLETED
- 02 MUHTAR WAS NOT THERE DURING VISIT
- 03 MUHTAR IS NOT PRESENT DURING THE SURVEY PERIOD
- 04 POSTPONED
- 05 REFUSED
- 06 PARTLY COMPLETED
- 07 COMPLETED WITH ANOTHER KEY INFORMANT \_\_\_\_\_(SPECIFY)
- 08 OTHER \_\_\_\_\_(SPECIFY)

**CONSENT PAGE**

Hello, my name is \_\_\_\_\_ I am working for Istanbul ACE Environmental Consultancy. I want to carry out an interview on the proposed Nakkas – Basaksehir Motorway Project within the region. Do you agree to interview?

|  |  |
|--|--|
| RESPONDENT AGREED TO BE INTERVIEWED <input type="checkbox"/> | RESPONDENT DOES NOT AGREE TO BE INTERVIEWED <input type="checkbox"/> |
|--|--|

Signature of the interviewer:.....

Date: \_\_/\_\_/\_\_\_\_

## POPULATION AND DEMOGRAPHIC PROFILE

1. What is the estimated population of the village? 11000

2. What is the number of female and male population of the village?

| Female | Male |
|--------|------|
| 5700   | 4300 |

3. What is the estimated age distribution in your village?

| Age Group | Percentage (%) |
|-----------|----------------|
| 0-14      | 40             |
| 15-64     | 40             |
| 65+       | 20             |

4. What is the total number of households in your village? 3000

4.1. What is the average household size? 5

4.2. How many of these households are living permanently in the village (both in summer and winter)? All

4.3. How many are living here only seasonally? .....

4.4. Are there vacation houses in your village?

Yes

No

5. Has the population of the village changed over the past 5 years?

Increased

Decreased

No Change  → 6

IF INCREASED or DECREASED

5.1. What is the reason for this change?

Due to industrial developments and increasing job opportunities in the region.

---

---

---

6. Are there any semi-nomad communities passing through your village or nearby?

Yes

No  → go to 7

IF YES

6.1. Can you please give a brief information regarding these semi-nomadic communities (where they live, their route, date when they come here or nearby)?

---

---

---

6.2. Has there been any conflict or tension between these groups and locals?

Yes

No  → go to 7.

IF YES

6.2.1. What was the reason for this dispute?

---

---

7. Are there (ethnic) minorities living in your community?

Yes  **Syrians and Egyptians** No

8. Can you please give brief information about the history of your village (when and where it is founded.etc.)?

The village was founded in 1948.

---

---

---

9. Are there any households/people coming to your village for recreation activities (summer house etc.)?

Yes

No  → 9

9.1. How many households are coming to your village annually?

10. Can we speak of migration into the region ("in-migration")?

Yes

No

→ 10

IF YES

10.1. What are the reasons of the migration into the region and why do migrating people settle to the region?

There is developing industrial zone and job opportunities are increasing accordingly.

---

---

10.2. What are the impacts of the above mentioned migration into the region?  
(PLEASE ASK **BOTH** FOR ADVERSE AND POSITIVE IMPACTS)

| Positive Impacts |  | Adverse Impacts |  |
|------------------|--|-----------------|--|
| 1.               |  | 1.              |  |
| 2.               |  | 2.              |  |
| 3.               |  | 3.              |  |
| 4.               |  | 4.              |  |
| 5.               |  | 5.              |  |

11. Can we speak about out-migration in the region?

Yes

No

→ 11

IF YES

11.1. Which segment/segments of the population migrates to other village/district/provinces?

---

11.2. Why do especially these segment/segments migrate?

---

11.3. What are the impacts of out-migration? (PLEASE ASK **BOTH** FOR ADVERSE AND POSITIVE IMPACTS)

| Positive Impacts |  | Adverse Impacts |  |
|------------------|--|-----------------|--|
| 1.               |  | 1.              |  |
| 2.               |  | 2.              |  |
| 3.               |  | 3.              |  |

|    |  |    |  |
|----|--|----|--|
| 4. |  | 4. |  |
| 5. |  | 5. |  |

**11.4.** What are the impacts of the above mention migrations on the land use?

None \_\_\_\_\_  
 \_\_\_\_\_

**12.** Are there any seasonal workers working in different villages/districts/provinces for earning their income?

Yes  How many?

No  → 12

**12.1.** What kind of works they do?

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## SOCIO-ECONOMIC INFORMATION

13. Does the living standard of the village show any change within the last 5 years?

Developed

Regressed

No change  → 13

IF CHANGED

13.1. What are the main reasons of this change?

---



---



---

14. What is the main economic activity in your village?

| Activity                                |                       | (✓) | Number of household |
|---|-----------------------|-----|---------------------|
| Agriculture                             | Dry agriculture       |     |                     |
|   | Irrigated agriculture |     |                     |
|   | Market gardening      |     |                     |
|   | Green housing         |     |                     |
| Animal Husbandry                        | Ovine breeding        | ✓   | 3                   |
|   | Bovine breeding       | ✓   | 8                   |
|   | Poultry raising       | ✓   |                     |
| Beekeeping                              |                       |     |                     |
| Fishing                                 |                       |     |                     |
| Hunting                                 |                       |     |                     |
| Forestry                                |                       |     |                     |
| Mining/quarrying                        |                       |     |                     |
| Manufacturing                           |                       |     |                     |
| Construction                            |                       | ✓   | 50                  |
| Transportation & Communication Services |                       |     |                     |
| Trade                                   |                       | ✓   | 15                  |
| Craft                                   |                       |     |                     |
| Education/healthcare, social services   |                       | ✓   | 10                  |
| Tourism                                 |                       |     |                     |
| Local Government                        |                       | ✓   | 5                   |
| Other (please specify)                  |                       |     |                     |
|   |                       |     |                     |



15. How do you prioritize the abovementioned activities in terms of number of people involved with these activities?

| No | Activities         |
|----|--------------------|
| 1. | Construction       |
| 2. | Trade              |
| 3. | Government officer |
| 4. |                    |
| 5. |                    |

16. How many people have pensioners pay in your village? \_\_\_\_\_

17. Do people have one job, or do they frequently have secondary/tertiary sources of livelihood?

They have generally one job  Frequently have secondary/tertiary sources

18. Do people come from other settlements to work here?

Yes  No  → 18

18.1. What kind of jobs do they do?

Labours and governmental officers \_\_\_\_\_

19. Are there any vulnerable people?

Yes  → How many? \_\_\_\_\_ No   
 Refugees

20. Who provides the nursing?

|  |                  |
|--|------------------|
|  |                  |
|  | Family           |
|  | Service provider |
|  | Neighbor         |
|  | Friend           |
|  | Other:           |

21. Are there any woman-headed households?

Yes  → How many household? No

22. Are there any people whose sole source of income is shepherding (residing either in the village or in other places)?

Yes  → How many people? No

23. Are there any homeless people (who do not have home or live out of his/her house)?

Yes  → How many people? No

24. Are there any disabled people?

Yes  → How many people? 5 No

25. Do households of the village have rights in the forest? (Firewood, etc.)

Yes  → How many people? No  → 24

25.1. What kind of rights?

---

---

25.2. Are there any "Orkoy" support in your village?

NO

---

---

26. Is there any cooperative in the village?

Yes  No  → 25

26.1. If there exists, what kind of activities they do?

---

---

## AGRICULTURAL ACTIVITY

27. What is the land ownership status of your village? (ASK FOR EACH ONE SEPERATELY)

| Land ownership                           | Total (Decare) |
|--|----------------|
| Total land of the village                | 7,000          |
| Treasury land                            |                |
| Private land                             |                |
| Forestry land                            | 50             |
| Pasture land                             |                |
| Land belongs to the village legal entity |                |

28. On average, how much land does a household own in the village? \_\_\_\_\_

29. What type of agricultural crops grown in your village? (Please list all of the mentioned products)

| Agricultural Crops | Production amount per year (tonnes) |
|--------------------|-------------------------------------|
| Wheat              |                                     |
| Barley             |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |

30. Did any of the crops given above show any regression regarding production within recent years?

Yes



No



→ 29

30.1. What are the reasons of the regression?

Decrease in agricultural lands. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**31. How many animals are held in your village?**

| Animal     | Number |
|------------|--------|
| Cattle     | 150    |
| Sheep/goat | 150    |
| Poultry    |        |
| Beehive    |        |
| Other      |        |

**32. Did animal husbandry show any regression in within recent years?**

Yes



No



→ 31

**32.1. What are the reasons of the regression?**

Urbanization and decrease in agricultural lands

---

---

## INFRASTRUCTURE

33. Is there a water supply network in the village?

Yes

No

33.1. What are your resources and quality for domestic use?

| Water resources for domestic use | Quality of the resource (drinkable/not) |
|----------------------------------|---|
| ISKI                             | Not drinkable                           |
|                                  |   |
|                                  |   |

34. Is there irrigation water?

Yes

No

34.1. If yes, what is the source of the irrigation water?

\_\_\_\_\_

35. Is there a central sewerage system?

Yes

No

36. How are household wastes being disposed in the village?

They are being collected in one place

Burn out

Being collected by waste trucks

Recycled

Buried

Other (please specify) \_\_\_\_\_

37. Do you have any problem regarding waste disposal?

Yes

No

→ 38

37.1. What kind of problems?

\_\_\_\_\_

---

**38.** What is the quality of the roads which links the village to other settlements?

Qualified asphalt

Qualified stone chips

Unpaved road

Low quality asphalt

Low quality stone chips

Other (please specify) \_\_\_\_\_

**39.** Are the village roads ever blocked in winter/other times due to weather conditions?

Yes

No

→ 40

**40.** What is the approx. percentage of internet usage? **90%** \_\_\_\_\_

**41.** What is the approx. percentage of people having a mobile phone? **100%**

## EDUCATION

42. Are there any illiterate people in the village?

Yes  
few

How many people? Very

No

43. Does the village have a primary school?

Yes

No

44. Does the village have a secondary school?

Yes

No

45. Are some students subject to mobile education?

Yes

No

45.1. Where do the students go for school (village, district, and province)?

\_\_\_\_\_

46. Do all the children of 6-15 age groups attend to school?

Yes



47

No

46.1. What are the reasons of not attending to school?

They work

The school is far away

Because they are girls

Inadequacy of educational opportunities

High level of expenses

Other (please specify) ALL OF THEM GO TO SCHOOL

## HEALTH

47. Which of the below mentioned health services are available in the village?

| Health Service            | Yes | No | Number |
|---------------------------|-----|----|--------|
| Midwife                   |     |    |        |
| Health house (dispensary) | √   |    | 1      |
| Doctor                    | √   |    | 2      |
| Nurse                     | √   |    | 1      |
| Other (please specify)    |     |    |        |

48. What is the distance from the village to the nearest Governmental Hospital ? 9 km

49. Does the family physician come to your village regularly if not based in your village?

Yes



No



→ 50

49.1. How often? FULL TIME

50. Which of the below mentioned illnesses are occurring commonly, occasionally or rarely/never in the village?

| Illness                      | Common | occasional | rare/none |
|------------------------------|--------|------------|-----------|
| Infectious Disease           |        |            | √         |
| Sexually transmitted disease |        |            | √         |
| Physical disability          |        |            | √         |
| Mental disability            |        |            | √         |
| Malnutrition                 |        |            | √         |
| Pregnancy-related diseases   |        |            | √         |
| Infant death                 |        |            | √         |
| Maternal mortality           |        |            | √         |
| Age-related disease          |        | √          |           |
| Pediatric diseases           |        |            | √         |
| Cancer                       |        |            | √         |
| Other (please specify)       |        |            |           |
| Other (please specify)       |        |            |           |



**50.1.** Why do you believe the above mentioned common illnesses are seen so frequently in the village?

---

---

## SOCIAL INTEGRATION AND HARMONY

51. Has there been any conflict or tension *within the village* over the following issues during the past 12 months?

| Issues  | Yes | No |
|---|-----|----|
| Natural resources (e.g. water, energy, raw materials) |     | ✓  |
| Land  |     | ✓  |
| Pasture land  |     | ✓  |
| Employment opportunities and jobs                     |     | ✓  |
| Conflicts between households                          |     | ✓  |
| Other (please specify)                                |     |    |
| Other (please specify)                                |     |    |

52. Has there been any conflict or tension with the *neighbouring villages* during the past 12 months?

Yes

No

→ 53

52.1. What was / were the reason(s) for the tension(s)/conflict(s)?

---



---



---



---



---



---

52.2. How do these disputes get resolved?

With the help of local authorities

Through the mediation of village headmen and elders

Through village meetings

By the initiatives of the people involved

Other (please specify)

\_\_\_\_\_

52.3. Are there conflicts between “old” village members and any “newcomer” to the village (if any)?

Yes

No

No Newcomers

## THE VILLAGE

53. Which of the below mentioned services exist in the village and how do you assess the efficiency/adequacy of these services?  
(PLEASE MENTION: *VERY GOOD, GOOD, BARELY ACCEPTABLE, POOR, VERY POOR*)

| Service  | Yes | No | Assessment |      |                   |      |           |
|--|-----|----|------------|------|-------------------|------|-----------|
|  |     |    | Very Good  | Good | Barely Acceptable | Poor | Very Poor |
| Coffeehouse  | ✓   |    |            | ✓    |                   |      |           |
| Market   | ✓   |    |            | ✓    |                   |      |           |
| Grocery  | ✓   |    |            |      | ✓                 |      |           |
| Post office (PTT)  |     |    |            |      |                   |      |           |
| Library  |     |    |            |      |                   |      |           |
| Office of the Muhtar                                     | ✓   |    |            | ✓    |                   |      |           |
| Bank/ATM   |     |    |            |      | ✓                 |      |           |
| Gendarmerie Station                                      |     |    |            |      |                   |      |           |
| Transportation Services                                  | ✓   |    |            |      | ✓                 |      |           |
| Agricultural Services<br>(agricultural cooperative etc.) |     |    |            |      |                   |      |           |
| Sports services  |     |    |            |      |                   |      |           |
| Health services  | ✓   |    |            |      | ✓                 |      |           |
| Educational services (primary<br>and secondary school)   | ✓   |    | ✓          |      |                   |      |           |
| Orköy  |     |    |            |      |                   |      |           |
| Other (please specify)                                   |     |    |            |      |                   |      |           |

54. In your opinion, what are the current/recent problems of the village? Can you please rank these? (Please specify: )

| Issue  | Critical/severe | Moderate | Minor |
|--|-----------------|----------|-------|
| Unemployment   |                 |          | ✓     |
| Low income   |                 | ✓        |       |
| Decline of agricultural production                                 |                 | ✓        |       |
| Degradation of product   |                 |          | ✓     |
| Decline of income obtained from the trade of agricultural products |                 |          | ✓     |
| Rough roads within the village                                     |                 | ✓        |       |
| Rough roads and transportation difficulties to other villages      |                 | ✓        |       |
| Difficulties to access the land                                    |                 | ✓        |       |
| Difficulty to access the water resource                            |                 |          | ✓     |
| Agriculture/ irrigation  |                 |          | ✓     |
| Insufficient water resources                                       |                 |          | ✓     |
| Insufficient sewage system   |                 |          | ✓     |
| Insufficient energy resources                                      |                 |          | ✓     |
| Insufficient accommodation   |                 |          | ✓     |
| Insufficient heating   |                 |          | ✓     |
| Insufficient educational opportunities                             |                 |          | ✓     |
| Insufficient health services                                       |                 | ✓        |       |
| Insufficient child care services                                   |                 | ✓        |       |
| Innutrition  |                 |          | ✓     |
| Uncollected wastes   |                 |          | ✓     |

|  |   |   |   |
|--|---|---|---|
| Insufficient communication services        |   | √ |   |
| Security and safety                        |   |   | √ |
| Lack of recreation and cultural facilities | √ |   |   |
| Rise of prices                             |   |   | √ |
| Other (please specify) _____               |   |   |   |

**CULTURAL/ ECOLOGICAL ENVIRONMENT**

**55.** Are there any cultural/regional region/assets (sacred places or trees, graveyards, mosque etc.) in or near your village?

Yes  No  → 56

**55.1.** What are these assets and where are they?

*(PLEASE ADDRESS THE LOCATION OF THE ASSET/REGION ACCORDING TO THE LOCATION, DISTANCE AND DIRECTION OF THE VILLAGE)*

| Culturally/Regionally Important Asset/Region |          | Location |  |
|--|----------|----------|--|
| 1.   | Mosque   | 1.       |  |
| 2.   | Cemetery | 2.       |  |
| 3.   |          | 3.       |  |
| 4.   |          | 4.       |  |
| 5.   |          | 5.       |  |

**56.** Are there any registered protected areas in and/or near your village?

Yes  No

**56.1.** What and where are these protected areas?

*(PLEASE ADDRESS THE LOCATION OF THE ASSET/REGION ACCORDING TO THE LOCATION, DISTANCE AND DIRECTION OF THE VILLAGE)*

| Protected Area |  | Location |  |
|----------------|--|----------|--|
| 1.             |  | 1.       |  |
| 2.             |  | 2.       |  |
| 3.             |  | 3.       |  |
| 4.             |  | 4.       |  |
| 5.             |  | 5.       |  |

**57.** Are there any recreational activities in your village? ((e.g., swimming, fishing, hiking, bird watching etc)

Yes  No

If yes, describe which ones and where

**58.** Are there freshwater sources in your village?

Yes  No

**NAKKAS - BASAKSEHIR MOTORWAY PROJECT**  
**Key Informant Questionnaire**

**IDENTIFICATION**

PROVINCE: **ISTANBUL**

DISTRICT: **ARNAVUTKOY**

VILLAGE: **OMERLI**

DISTANCE TO NEAREST PROVINCE CENTER: \_\_\_\_\_ km

DISTANCE TO NEAREST DISTRICT CENTER: \_\_\_\_\_ km

**INTERVIEWER VISITS**

|                             | 1                | 2                | 3      |
|-----------------------------|------------------|------------------|--------|
| DATE<br>(DAY/MOUNTH)        | ____ _           | ____ _           | ____ _ |
| INTERVIEWER<br>NAME-SURNAME | _____            | _____            | _____  |
| RESULT (*)                  | -                | -                | -      |
| DAY-MOUNT<br>NEXT VISITTIME | ____ _<br>____ _ | ____ _<br>____ _ |        |

**(\*) RESULT CODES**

- 01 COMPLETED
- 02 MUHTAR WAS NOT THERE DURING VISIT
- 03 MUHTAR IS NOT PRESENT DURING THE SURVEY PERIOD
- 04 POSTPONED
- 05 REFUSED
- 06 PARTLY COMPLETED
- 07 COMPLETED WITH ANOTHER KEY INFORMANT \_\_\_\_\_(SPECIFY)
- 08 OTHER \_\_\_\_\_(SPECIFY)

**CONSENT PAGE**

Hello, my name is \_\_\_\_\_ I am working for Istanbul ACE Environmental Consultancy. I want to carry out an interview on the proposed Nakkas – Basaksehir Motorway Project within the region. Do you agree to interview?

|  |  |
|--|--|
| RESPONDENT AGREED TO BE INTERVIEWED <input type="checkbox"/> | RESPONDENT DOES NOT AGREE TO BE INTERVIEWED <input type="checkbox"/> |
|--|--|

Signature of the interviewer:.....

Date: \_\_/\_\_/\_\_\_\_

## POPULATION AND DEMOGRAPHIC PROFILE

1. What is the estimated population of the village? 10000

2. What is the number of female and male population of the village?

| Female | Male |
|--------|------|
| 5000   | 5000 |

3. What is the estimated age distribution in your village?

| Age Group | Percentage (%) |
|-----------|----------------|
| 0-14      |                |
| 15-64     |                |
| 65+       |                |

4. What is the total number of households in your village? 2400

4.1. What is the average household size? -

4.2. How many of these households are living permanently in the village (both in summer and winter)? 2400

4.3. How many are living here only seasonally? .....

4.4. Are there vacation houses in your village?

Yes

No

5. Has the population of the village changed over the past 5 years?

Increased

Decreased

No Change  → 6

IF INCREASED or DECREASED

5.1. What is the reason for this change?

Due to commercial and residential developments in the region.

---



---



---

6. Are there any semi-nomad communities passing through your village or nearby?

Yes

IF YES

No  → go to 7

6.1. Can you please give a brief information regarding these semi-nomadic communities (where they live, their route, date when they come here or nearby)?

NO RESPONSE

---

---

---

6.2. Has there been any conflict or tension between these groups and locals? NO RESPONSE

Yes

No  → go to 7.

IF YES

6.2.1. What was the reason for this dispute?

NO RESPONSE

---

---

---

7. Are there (ethnic) minorities living in your community?

Yes

No

8. Can you please give brief information about the history of your village (when and where it is founded.etc.)?

The village was founded 500 years ago.

---

---

---

9. Are there any households/people coming to your village for recreation activities (summer house etc.)?

Yes

No  → 9

9.1. How many households are coming to your village annually?

\_\_\_\_\_

10. Can we speak of migration into the region ("in-migration")?

Yes

No

→ 10

IF YES

10.1. What are the reasons of the migration into the region and why do migrating people settle to the region?

There is developing industrial zone and job opportunities are increasing accordingly.

There are also new residential building constructions which increases the migration.

\_\_\_\_\_

10.2. What are the impacts of the above mentioned migration into the region?  
(PLEASE ASK **BOTH** FOR ADVERSE AND POSITIVE IMPACTS)

| Positive Impacts |  | Adverse Impacts |                            |
|------------------|--|-----------------|----------------------------|
| 1.               | Improvement with population growth in areas such as market, transportation, health, infrastructure | 1.              | Increase in housing prices |
| 2.               |  | 2.              |                            |
| 3.               |  | 3.              |                            |
| 4.               |  | 4.              |                            |
| 5.               |  | 5.              |                            |

11. Can we speak about out-migration in the region?

Yes

No

→ 11

IF YES

11.1. Which segment/segments of the population migrates to other village/district/provinces?

Government officers and labours

\_\_\_\_\_

11.2. Why do especially these segment/segments migrate?

Due to job location changes and job changes

\_\_\_\_\_

11.3. What are the impacts of out-migration? (PLEASE ASK **BOTH** FOR ADVERSE AND POSITIVE IMPACTS)

| Positive Impacts |  | Adverse Impacts |  |
|------------------|--|-----------------|--|
| 1.               |  | 1.              |  |
| 2.               |  | 2.              |  |
| 3.               |  | 3.              |  |
| 4.               |  | 4.              |  |
| 5.               |  | 5.              |  |

11.4. What are the impacts of the above mention migrations on the land use?

None \_\_\_\_\_  
 \_\_\_\_\_

12. Are there any seasonal workers working in different villages/districts/provinces for earning their income?

Yes  How many?

No  → 12

12.1. What kind of works they do?

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## SOCIO-ECONOMIC INFORMATION

13. Does the living standard of the village show any change within the last 5 years?

Developed



Regressed

No change

→ 13

IF CHANGED

13.1. What are the main reasons of this change?

Demands increased due to increase in the population

---



---

14. What is the main economic activity in your village?

| Activity                                |                       | (✓) | Number of household |
|---|-----------------------|-----|---------------------|
| Agriculture                             | Dry agriculture       |     |                     |
|   | Irrigated agriculture |     |                     |
|   | Market gardening      |     |                     |
|   | Green housing         |     |                     |
| Animal Husbandry                        | Ovine breeding        |     |                     |
|   | Bovine breeding       |     |                     |
|   | Poultry raising       |     |                     |
| Beekeeping                              |                       |     |                     |
| Fishing                                 |                       |     |                     |
| Hunting                                 |                       |     |                     |
| Forestry                                |                       |     |                     |
| Mining/quarrying                        |                       |     |                     |
| Manufacturing                           |                       | ✓   | 1200                |
| Construction                            |                       | ✓   | 20                  |
| Transportation & Communication Services |                       |     |                     |
| Trade                                   |                       | ✓   | 60                  |
| Craft                                   |                       |     |                     |
| Education/healthcare, social services   |                       | ✓   | 20                  |
| Tourism                                 |                       |     |                     |
| Local Government                        |                       | ✓   | 9                   |
| Other (please specify)                  |                       |     |                     |
|   |                       |     |                     |

15. How do you prioritize the abovementioned activities in terms of number of people involved with these activities?

| No | Activities           |
|----|----------------------|
| 1. | Industry             |
| 2. | Trade                |
| 3. | Construction         |
| 4. | Education and Health |
| 5. | Local governance     |

16. How many people have pensioners pay in your village? 300

17. Do people have one job, or do they frequently have secondary/tertiary sources of livelihood?

They have generally one job  Frequently have secondary/tertiary sources

18. Do people come from other settlements to work here?

Yes  No  → 18

18.1. What kind of jobs do they do?

Trade, labours, governmental officers

---

19. Are there any vulnerable people?

Yes  → How many? 50 No

20. Who provides the nursing?

|  |                  |
|--|------------------|
|  |                  |
|  | Family           |
|  | Service provider |
|  | Neighbor         |
|  | Friend           |
|  | Other:           |

21. Are there any woman-headed households?

Yes  → How many household? No

50 households

22. Are there any people whose sole source of income is shepherding (residing either in the village or in other places)?

Yes  → How many people? No

23. Are there any homeless people (who do not have home or live out of his/her house)?

Yes  → How many people? No

24. Are there any disabled people?

Yes  → How many people? 50 No

25. Do households of the village have rights in the forest? (Firewood, etc.)

Yes  → How many people? No  → 24

25.1. What kind of rights?

---

---

25.2. Are there any "Orkoy" support in your village?

NO

---

---

26. Is there any cooperative in the village?

Yes  No  → 25

26.1. If there exists, what kind of activities they do?

---

---

## AGRICULTURAL ACTIVITY

27. What is the land ownership status of your village? (ASK FOR EACH ONE SEPERATELY)

| Land ownership                           | Total (Decare) |
|--|----------------|
| Total land of the village                | 20,000         |
| Treasury land                            | 400            |
| Private land                             | 19,400         |
| Forestry land                            |                |
| Pasture land                             | 200            |
| Land belongs to the village legal entity |                |

28. On average, how much land does a household own in the village? \_\_\_\_\_

29. What type of agricultural crops grown in your village? (Please list all of the mentioned products)

| Agricultural Crops | Production amount per year (tonnes) |
|--------------------|-------------------------------------|
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |

30. Did any of the crops given above show any regression regarding production within recent years?

Yes

No

→ 29

30.1. What are the reasons of the regression?

---



---



---

**31. How many animals are held in your village?**

| Animal     | Number |
|------------|--------|
| Cattle     | 30     |
| Sheep/goat | 20     |
| Poultry    | 150    |
| Beehive    |        |
| Other      |        |

**32. Did animal husbandry show any regression in within recent years?**

Yes



No



→ 31

**32.1. What are the reasons of the regression?**

Urbanization

---

---



## INFRASTRUCTURE

33. Is there a water supply network in the village?

Yes

No

33.1. What are your resources and quality for domestic use?

| Water resources for domestic use | Quality of the resource (drinkable/not) |
|----------------------------------|---|
| ISKI                             | Not drinkable                           |
|                                  |   |
|                                  |   |

34. Is there irrigation water?

Yes

No

34.1. If yes, what is the source of the irrigation water?

\_\_\_\_\_

35. Is there a central sewerage system?

Yes

No

36. How are household wastes being disposed in the village?

They are being collected in one place

Burn out

Being collected by waste trucks

Recycled

Buried

Other (please specify) \_\_\_\_\_

37. Do you have any problem regarding waste disposal?

Yes

No

→ 38

37.1. What kind of problems?

\_\_\_\_\_

---

**38.** What is the quality of the roads which links the village to other settlements?

Qualified asphalt

  
  

Qualified stone chips

Low quality asphalt

  

Low quality stone chips

Unpaved road

Other (please specify) \_\_\_\_\_

**39.** Are the village roads ever blocked in winter/other times due to weather conditions?

Yes

No

→ 40

**40.** What is the approx. percentage of internet usage? ~~90%~~ \_\_\_\_\_

**41.** What is the approx. percentage of people having a mobile phone? ~~100%~~

## EDUCATION

42. Are there any illiterate people in the village?

Yes

How many people? 20

No

43. Does the village have a primary school?

Yes

No

44. Does the village have a secondary school?

Yes

No

45. Are some students subject to mobile education?

Yes

No

45.1. Where do the students go for school (village, district, and province)?

HADIMKÖY \_\_\_\_\_

46. Do all the children of 6-15 age groups attend to school?

Yes

→ 47

No

46.1. What are the reasons of not attending to school?

They work

The school is far away

Because they are girls

Inadequacy of educational opportunities

High level of expenses

Other (please specify) ALL OF THEM GO TO SCHOOL

## HEALTH

47. Which of the below mentioned health services are available in the village?

| Health Service            | Yes | No | Number |
|---------------------------|-----|----|--------|
| Midwife                   |     |    |        |
| Health house (dispensary) | √   |    | 1      |
| Doctor                    | √   |    | 3      |
| Nurse                     | √   |    | 3      |
| Other (please specify)    |     |    |        |

48. What is the distance from the village to the nearest Governmental Hospital? 15 km

49. Does the family physician come to your village regularly if not based in your village?

Yes



No



→ 50

49.1. How often? FULL TIME

50. Which of the below mentioned illnesses are occurring commonly, occasionally or rarely/never in the village?

| Illness                      | Common | occasional | rare/none |
|------------------------------|--------|------------|-----------|
| Infectious Disease           | √      |            |           |
| Sexually transmitted disease |        |            |           |
| Physical disability          |        |            | √         |
| Mental disability            |        |            | √         |
| Malnutrition                 |        |            | √         |
| Pregnancy-related diseases   |        |            | √         |
| Infant death                 |        |            | √         |
| Maternal mortality           |        |            | √         |
| Age-related disease          |        | √          |           |
| Pediatric diseases           |        | √          |           |
| Cancer                       |        | √          |           |
| Other (please specify)       |        |            |           |
| Other (please specify)       |        |            |           |

**50.1.** Why do you believe the above mentioned common illnesses are seen so frequently in the village?

---

Cancer increased due to industrial developments in the region

---

## SOCIAL INTEGRATION AND HARMONY

**51.** Has there been any conflict or tension *within the village* over the following issues during the past 12 months?

| Issues  | Yes | No |
|---|-----|----|
| Natural resources (e.g. water, energy, raw materials) |     |    |
| Land  |     |    |
| Pasture land  |     |    |
| Employment opportunities and jobs                     |     |    |
| Conflicts between households                          |     |    |
| Other (please specify)                                |     |    |
| Other (please specify)                                |     |    |

**52.** Has there been any conflict or tension with the *neighbouring villages* during the past 12 months?

Yes

No

→ 53

**52.1.** What was / were the reason(s) for the tension(s)/conflict(s)?

---



---



---



---



---



---

**52.2.** How do these disputes get resolved?

With the help of local authorities

Through the mediation of village headmen and elders

Through village meetings

By the initiatives of the people involved

Other (please specify)

---



**52.3.** Are there conflicts between “old” village members and any “newcomer” to the village (if any)?

Yes

No

No Newcomers

## THE VILLAGE

53. Which of the below mentioned services exist in the village and how do you assess the efficiency/adequacy of these services?  
(PLEASE MENTION: *VERY GOOD, GOOD, BARELY ACCEPTABLE, POOR, VERY POOR*)

| Service   | Yes  | No | Assessment |      |                   |      |           |
|---|--|----|------------|------|-------------------|------|-----------|
|   |  |    | Very Good  | Good | Barely Acceptable | Poor | Very Poor |
| Coffeehouse   | √  |    |            | √    |                   |      |           |
| Market  | √  |    |            | √    |                   |      |           |
| Grocery   | √  |    |            | √    |                   |      |           |
| Post office (PTT)                                     |  |    |            |      |                   |      |           |
| Library   |  |    |            |      |                   |      |           |
| Office of the Muhtar                                  | √  |    | √          |      |                   |      |           |
| Bank/ATM  | √  |    |            |      | √                 |      |           |
| Gendarmerie Station                                   |  |    |            |      |                   |      |           |
| Transportation Services                               | √  |    |            |      | √                 |      |           |
| Agricultural Services (agricultural cooperative etc.) |  |    |            |      |                   |      |           |
| Sports services                                       |  |    |            |      |                   |      |           |
| Health services                                       | √  |    |            |      | √                 |      |           |
| Educational services (primary and secondary school)   | √  |    |            |      |                   | √    |           |
| Orköy   |  |    |            |      |                   |      |           |
| Other (please specify)                                | Social services of the municipality is not adequate. |    |            |      |                   |      |           |

54. In your opinion, what are the current/recent problems of the village? Can you please rank these? (Please specify: )

| Issue  | Critical/severe   | Moderate | Minor |
|--|-------------------|----------|-------|
| Unemployment   |                   | √        |       |
| Low income   |                   | √        |       |
| Decline of agricultural production                                 |                   |          | √     |
| Degradation of product   |                   |          | √     |
| Decline of income obtained from the trade of agricultural products |                   |          | √     |
| Rough roads within the village                                     |                   |          | √     |
| Rough roads and transportation difficulties to other villages      |                   |          | √     |
| Difficulties to access the land                                    |                   |          | √     |
| Difficulty to access the water resource                            |                   |          | √     |
| Agriculture/ irrigation  |                   |          | √     |
| Insufficient water resources                                       |                   |          | √     |
| Insufficient sewage system   |                   |          | √     |
| Insufficient energy resources                                      |                   |          | √     |
| Insufficient accommodation   |                   |          | √     |
| Insufficient heating   |                   |          | √     |
| Insufficient educational opportunities                             | √ (No highschool) |          |       |

|  |   |   |   |
|--|---|---|---|
| Insufficient health services               |   |   | √ |
| Insufficient child care services           |   | √ |   |
| Innutrition                                |   |   | √ |
| Uncollected wastes                         |   |   | √ |
| Insufficient communication services        |   |   | √ |
| Security and safety                        |   |   | √ |
| Lack of recreation and cultural facilities | √ |   |   |
| Rise of prices                             | √ |   |   |
| Other (please specify) _____               |   |   |   |



## CULTURAL/ ECOLOGICAL ENVIRONMENT

**55.** Are there any cultural/regional region/assets (sacred places or trees, graveyards, mosque etc.) in or near your village?

Yes

No

→ 56

**55.1.** What are these assets and where are they?

*(PLEASE ADDRESS THE LOCATION OF THE ASSET/REGION ACCORDING TO THE LOCATION, DISTANCE AND DIRECTION OF THE VILLAGE)*

| Culturally/Regionally Important Asset/Region |                       | Location |  |
|--|-----------------------|----------|--|
| 1.   | 2 Mosques             | 1.       |  |
| 2.   | 2 historical fountain | 2.       |  |
| 3.   |                       | 3.       |  |
| 4.   |                       | 4.       |  |
| 5.   |                       | 5.       |  |

**56.** Are there any registered protected areas in and/or near your village?

Yes

No

**56.1.** What and where are these protected areas?

*(PLEASE ADDRESS THE LOCATION OF THE ASSET/REGION ACCORDING TO THE LOCATION, DISTANCE AND DIRECTION OF THE VILLAGE)*

| Protected Area |  | Location |  |
|----------------|--|----------|--|
| 1.             |  | 1.       |  |
| 2.             |  | 2.       |  |
| 3.             |  | 3.       |  |
| 4.             |  | 4.       |  |
| 5.             |  | 5.       |  |

**57.** Are there any recreational activities in your village? ((e.g., swimming, fishing, hiking, bird watching etc)

Yes

No

If yes, describe which ones and where

**58.** Are there freshwater sources in your village?

Yes

No

**NAKKAS - BASAKSEHIR MOTORWAY PROJECT**  
**Key Informant Questionnaire**

**IDENTIFICATION**

PROVINCE: **ISTANBUL**

DISTRICT: **ARNAVUTKOY**

VILLAGE: **SAZLIBOSNA**

DISTANCE TO NEAREST PROVINCE CENTER: \_\_\_\_\_ km

DISTANCE TO NEAREST DISTRICT CENTER: \_\_\_\_\_ km

**INTERVIEWER VISITS**

|                             | 1                | 2                | 3      |
|-----------------------------|------------------|------------------|--------|
| DATE<br>(DAY/MOUNTH)        | ____ _           | ____ _           | ____ _ |
| INTERVIEWER<br>NAME-SURNAME | _____            | _____            | _____  |
| RESULT (*)                  | -                | -                | -      |
| DAY-MOUNT<br>NEXT VISITTIME | ____ _<br>____ _ | ____ _<br>____ _ |        |

**(\*) RESULT CODES**

- 01 COMPLETED
- 02 MUHTAR WAS NOT THERE DURING VISIT
- 03 MUHTAR IS NOT PRESENT DURING THE SURVEY PERIOD
- 04 POSTPONED
- 05 REFUSED
- 06 PARTLY COMPLETED
- 07 COMPLETED WITH ANOTHER KEY INFORMANT \_\_\_\_\_(SPECIFY)
- 08 OTHER \_\_\_\_\_(SPECIFY)

**CONSENT PAGE**

Hello, my name is \_\_\_\_\_ I am working for Istanbul ACE Environmental Consultancy. I want to carry out an interview on the proposed Nakkas – Basaksehir Motorway Project within the region. Do you agree to interview?

|  |  |
|--|--|
| RESPONDENT AGREED TO BE INTERVIEWED <input type="checkbox"/> | RESPONDENT DOES NOT AGREE TO BE INTERVIEWED <input type="checkbox"/> |
|--|--|

Signature of the interviewer:.....

Date: \_\_/\_\_/\_\_\_\_

## POPULATION AND DEMOGRAPHIC PROFILE

1. What is the estimated population of the village? 1500

2. What is the number of female and male population of the village?

| Female | Male |
|--------|------|
| 700    | 800  |

3. What is the estimated age distribution in your village?

| Age Group | Percentage (%) |
|-----------|----------------|
| 0-14      | 30             |
| 15-64     | 50             |
| 65+       | 20             |

4. What is the total number of households in your village? 450

4.1. What is the average household size? -

4.2. How many of these households are living permanently in the village (both in summer and winter)? 400

4.3. How many are living here only seasonally? .....50.....

4.4. Are there vacation houses in your village?

Yes

No

5. Has the population of the village changed over the past 5 years?

Increased

Decreased

No Change  → 6

IF INCREASED or DECREASED

5.1. What is the reason for this change?

---



---

---

6. Are there any semi-nomad communities passing through your village or nearby?

Yes

IF YES

No  → go to 7

6.1. Can you please give a brief information regarding these semi-nomadic communities (where they live, their route, date when they come here or nearby)?

**NO RESPONSE**

---

---

---

6.2. Has there been any conflict or tension between these groups and locals? **NO RESPONSE**

Yes

No  → go to 7.

IF YES

6.2.1. What was the reason for this dispute?

**NO RESPONSE**

---

---

---

7. Are there (ethnic) minorities living in your community?

Yes

No

8. Can you please give brief information about the history of your village (when and where it is founded.etc.)?

**The village was founded in 1862 by Krym immigrants.**

---

---

9. Are there any households/people coming to your village for recreation activities (summer house etc.)?

Yes

No  → 9

9.1. How many households are coming to your village annually?

\_\_\_\_\_

10. Can we speak of migration into the region ("in-migration")?

Yes

No

→ 10

IF YES

10.1. What are the reasons of the migration into the region and why do migrating people settle to the region?

---

---

---

10.2. What are the impacts of the above mentioned migration into the region?  
(PLEASE ASK **BOTH** FOR ADVERSE AND POSITIVE IMPACTS)

| Positive Impacts |  | Adverse Impacts |  |
|------------------|--|-----------------|--|
| 1.               |  | 1.              |  |
| 2.               |  | 2.              |  |
| 3.               |  | 3.              |  |
| 4.               |  | 4.              |  |
| 5.               |  | 5.              |  |

11. Can we speak about out-migration in the region?

Yes

No

→ 11

IF YES

11.1. Which segment/segments of the population migrates to other village/district/provinces?

---

---

11.2. Why do especially these segment/segments migrate?

---

---

---

**11.3.** What are the impacts of out-migration? (PLEASE ASK **BOTH** FOR ADVERSE AND POSITIVE IMPACTS)

| Positive Impacts |  | Adverse Impacts |  |
|------------------|--|-----------------|--|
| 1.               |  | 1.              |  |
| 2.               |  | 2.              |  |
| 3.               |  | 3.              |  |
| 4.               |  | 4.              |  |
| 5.               |  | 5.              |  |

**11.4.** What are the impacts of the above mention migrations on the land use?

---



---

**12.** Are there any seasonal workers working in different villages/districts/provinces for earning their income?

Yes  How many?

No  → 12

**12.1.** What kind of works they do?

---



---



---



---



---



---

## SOCIO-ECONOMIC INFORMATION

13. Does the living standard of the village show any change within the last 5 years?

Developed

Regressed

No change

→ 13

IF CHANGED

13.1. What are the main reasons of this change?

---



---



---

14. What is the main economic activity in your village?

| Activity                                |                       | (✓) | Number of household |
|---|-----------------------|-----|---------------------|
| Agriculture                             | Dry agriculture       | ✓   | 50                  |
|   | Irrigated agriculture |     |                     |
|   | Market gardening      |     |                     |
|   | Green housing         |     |                     |
| Animal Husbandry                        | Ovine breeding        | ✓   | 10                  |
|   | Bovine breeding       | ✓   | 20                  |
|   | Poultry raising       | ✓   | 30                  |
| Beekeeping                              | ✓                     | 1   |                     |
| Fishing                                 |                       |     |                     |
| Hunting                                 |                       |     |                     |
| Forestry                                |                       |     |                     |
| Mining/quarrying                        |                       |     |                     |
| Manufacturing                           |                       |     |                     |
| Construction                            |                       |     |                     |
| Transportation & Communication Services |                       |     |                     |
| Trade                                   |                       |     |                     |
| Craft                                   |                       |     |                     |
| Education/healthcare, social services   |                       |     |                     |
| Tourism                                 |                       |     |                     |
| Local Government                        |                       |     |                     |
| Other (please specify)                  |                       |     |                     |
|   |                       |     |                     |



15. How do you prioritize the abovementioned activities in terms of number of people involved with these activities?

| No | Activities       |
|----|------------------|
| 1. | Agriculture      |
| 2. | Animal Husbandry |
| 3. |                  |
| 4. |                  |
| 5. |                  |

16. How many people have pensioners pay in your village? 100

17. Do people have one job, or do they frequently have secondary/tertiary sources of livelihood?

They have generally one job  Frequently have secondary/tertiary sources

18. Do people come from other settlements to work here?

Yes  No  → 18

18.1. What kind of jobs do they do?

---

19. Are there any vulnerable people?

Yes  → How many? 10 No

20. Who provides the nursing?

|  |                  |
|--|------------------|
|  |                  |
|  | Family           |
|  | Service provider |
|  | Neighbor         |
|  | Friend           |
|  | Other:           |

21. Are there any woman-headed households?

Yes  → How many household? No

5 households

22. Are there any people whose sole source of income is shepherding (residing either in the village or in other places)?

Yes  → How many people? No

23. Are there any homeless people (who do not have home or live out of his/her house)?

Yes  → How many people? No

24. Are there any disabled people?

Yes  → How many people? 2 No

25. Do households of the village have rights in the forest? (Firewood, etc.)

Yes  → How many people? No  → 24

25.1. What kind of rights?

---

---

25.2. Are there any "Orkoy" support in your village?

NO

---

---

26. Is there any cooperative in the village?

Yes  No  → 25

26.1. If there exists, what kind of activities they do?

---

---

## AGRICULTURAL ACTIVITY

27. What is the land ownership status of your village? (ASK FOR EACH ONE SEPERATELY)

| Land ownership                           | Total (Decare) |
|--|----------------|
| Total land of the village                | 24,000         |
| Treasury land                            | 500            |
| Private land                             | 15,000         |
| Forestry land                            | NONE           |
| Pasture land                             | 4,000          |
| Land belongs to the village legal entity | 4,500          |

28. On average, how much land does a household own in the village? 20 Decare

29. What type of agricultural crops grown in your village? (Please list all of the mentioned products)

| Agricultural Crops | Production amount per year (tonnes) |
|--------------------|-------------------------------------|
| Wheat              | 6,000 Tonnes in total               |
| Barley             |                                     |
| Oat                |                                     |
| Sunflower          |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |

30. Did any of the crops given above show any regression regarding production within recent years?

Yes

No

→ 29

30.1. What are the reasons of the regression?

---



---



---

**31. How many animals are held in your village?**

| <b>Animal</b> | <b>Number</b> |
|---------------|---------------|
| Cattle        | 450           |
| Sheep/goat    | 1000          |
| Poultry       | 2000          |
| Beehive       | 150           |
| Other         |               |

**32. Did animal husbandry show any regression in within recent years?**

Yes

No

→ 31

**32.1. What are the reasons of the regression?**

---

---

## INFRASTRUCTURE

33. Is there a water supply network in the village?

Yes

No

33.1. What are your resources and quality for domestic use?

| Water resources for domestic use | Quality of the resource (drinkable/not) |
|----------------------------------|---|
| Water is provided by Terkos Lake |   |
|                                  |   |
|                                  |   |

34. Is there irrigation water?

Yes

No

34.1. If yes, what is the source of the irrigation water?

~~GROUNDWATER WELLS~~

35. Is there a central sewerage system?

Yes

No

36. How are household wastes being disposed in the village?

They are being collected in one place

Burn out

Being collected by waste trucks

Recycled

Buried

Other (please specify) \_\_\_\_\_

37. Do you have any problem regarding waste disposal?

Yes

No

→ 38

37.1. What kind of problems?

\_\_\_\_\_

---

**38.** What is the quality of the roads which links the village to other settlements?

Qualified asphalt

  
  

Qualified stone chips

Unpaved road

Low quality asphalt

  

Low quality stone chips

Other (please specify) \_\_\_\_\_

**39.** Are the village roads ever blocked in winter/other times due to weather conditions?

Yes

No

→ 40

**40.** What is the approx. percentage of internet usage? ~~100%~~ \_\_\_\_\_

**41.** What is the approx. percentage of people having a mobile phone? ~~100%~~

## EDUCATION

42. Are there any illiterate people in the village?

Yes  How many people? No

43. Does the village have a primary school?

Yes  No

44. Does the village have a secondary school?

Yes  No

45. Are some students subject to mobile education?

Yes  No

45.1. Where do the students go for school (village, district, and province)?

~~HADIMKÖY and ARNAVUTKÖY~~

46. Do all the children of 6-15 age groups attend to school?

Yes  → 47 No

46.1. What are the reasons of not attending to school?

|                        |                          |  |                          |
|------------------------|--------------------------|--|--------------------------|
| They work              | <input type="checkbox"/> | Inadequacy of educational opportunities                | <input type="checkbox"/> |
| The school is far away | <input type="checkbox"/> | High level of expenses                                 | <input type="checkbox"/> |
| Because they are girls | <input type="checkbox"/> | Other (please specify) <u>ALL OF THEM GO TO SCHOOL</u> |                          |

## HEALTH

47. Which of the below mentioned health services are available in the village?

| Health Service            | Yes | No | Number |
|---------------------------|-----|----|--------|
| Midwife                   |     | √  |        |
| Health house (dispensary) |     | √  |        |
| Doctor                    |     | √  |        |
| Nurse                     |     | √  |        |
| Other (please specify)    |     |    |        |

48. What is the distance from the village to the nearest Governmental Hospital ? 10 km

49. Does the family physician come to your village regularly if not based in your village?

Yes

No

→ 50

49.1. How often? \_\_\_\_\_

50. Which of the below mentioned illnesses are occurring commonly, occasionally or rarely/never in the village?

| Illness                      | Common | occasional | rare/none |
|------------------------------|--------|------------|-----------|
| Infectious Disease           |        |            |           |
| Sexually transmitted disease |        |            |           |
| Physical disability          |        |            |           |
| Mental disability            |        |            |           |
| Malnutrition                 |        |            |           |
| Pregnancy-related diseases   |        |            |           |
| Infant death                 |        |            |           |
| Maternal mortality           |        |            |           |
| Age-related disease          | √      |            |           |
| Pediatric diseases           |        |            |           |
| Cancer                       | √      |            |           |
| Other (please specify)       |        |            |           |
| Other (please specify)       |        |            |           |



**50.1.** Why do you believe the above mentioned common illnesses are seen so frequently in the village?

---

**STRESS AND POVERTY**

---

## SOCIAL INTEGRATION AND HARMONY

51. Has there been any conflict or tension *within the village* over the following issues during the past 12 months?

| Issues  | Yes | No |
|---|-----|----|
| Natural resources (e.g. water, energy, raw materials) |     | ✓  |
| Land  |     | ✓  |
| Pasture land  |     | ✓  |
| Employment opportunities and jobs                     |     | ✓  |
| Conflicts between households                          |     | ✓  |
| Other (please specify)                                |     |    |
| Other (please specify)                                |     |    |

52. Has there been any conflict or tension with the *neighbouring villages* during the past 12 months?

Yes

No

→ 53

52.1. What was / were the reason(s) for the tension(s)/conflict(s)?

---



---



---



---



---



---

52.2. How do these disputes get resolved?

With the help of local authorities

Through the mediation of village headmen and elders

Through village meetings

By the initiatives of the people involved

Other (please specify)

\_\_\_\_\_

52.3. Are there conflicts between “old” village members and any “newcomer” to the village (if any)?

Yes

No

No Newcomers

## THE VILLAGE

53. Which of the below mentioned services exist in the village and how do you assess the efficiency/adequacy of these services?  
(PLEASE MENTION: *VERY GOOD, GOOD, BARELY ACCEPTABLE, POOR, VERY POOR*)

| Service   | Yes | No | Assessment |      |                   |      |           |
|---|-----|----|------------|------|-------------------|------|-----------|
|   |     |    | Very Good  | Good | Barely Acceptable | Poor | Very Poor |
| Coffeehouse   | √   |    |            |      | √                 |      |           |
| Market  | √   |    |            | √    |                   |      |           |
| Grocery   |     |    |            |      |                   |      |           |
| Post office (PTT)                                     |     |    |            |      |                   |      |           |
| Library   |     |    |            |      |                   |      |           |
| Office of the Muhtar                                  | √   |    |            | √    |                   |      |           |
| Bank/ATM  |     |    |            |      |                   |      |           |
| Gendarmerie Station                                   |     |    |            |      |                   |      |           |
| Transportation Services                               | √   |    |            | √    |                   |      |           |
| Agricultural Services (agricultural cooperative etc.) |     |    |            |      |                   |      |           |
| Sports services                                       |     |    |            |      |                   |      |           |
| Health services                                       |     |    |            |      |                   |      |           |
| Educational services (primary and secondary school)   | √   |    | √          |      |                   |      |           |
| Orköy   |     |    |            |      |                   |      |           |
| Other (please specify)                                |     |    |            |      |                   |      |           |

54. In your opinion, what are the current/recent problems of the village? Can you please rank these? (Please specify: )

| Issue  | Critical/severe | Moderate | Minor |
|--|-----------------|----------|-------|
| Unemployment   |                 | √        |       |
| Low income   |                 | √        |       |
| Decline of agricultural production                                 |                 | √        |       |
| Degradation of product   |                 |          | √     |
| Decline of income obtained from the trade of agricultural products |                 | √        |       |
| Rough roads within the village                                     |                 | √        |       |
| Rough roads and transportation difficulties to other villages      |                 |          | √     |
| Difficulties to access the land                                    |                 | √        |       |
| Difficulty to access the water resource                            |                 |          | √     |
| Agriculture/ irrigation  |                 | √        |       |
| Insufficient water resources                                       |                 | √        |       |
| Insufficient sewage system   |                 | √        |       |
| Insufficient energy resources                                      |                 | √        |       |
| Insufficient accommodation   |                 |          | √     |
| Insufficient heating   |                 |          | √     |
| Insufficient educational opportunities                             |                 |          | √     |
| Insufficient health services                                       |                 |          | √     |
| Insufficient child care services                                   |                 |          | √     |
| Innutrition  |                 |          | √     |
| Uncollected wastes   |                 |          | √     |
| Insufficient communication services                                |                 |          | √     |

|  |  |   |   |
|--|--|---|---|
| Security and safety                        |  |   | √ |
| Lack of recreation and cultural facilities |  | √ |   |
| Rise of prices                             |  | √ |   |
| Other (please specify) _____               |  |   |   |

## CULTURAL/ ECOLOGICAL ENVIRONMENT

**55.** Are there any cultural/regional region/assets (sacred places or trees, graveyards, mosque etc.) in or near your village?

Yes

No

→ 56

**55.1.** What are these assets and where are they?

*(PLEASE ADDRESS THE LOCATION OF THE ASSET/REGION ACCORDING TO THE LOCATION, DISTANCE AND DIRECTION OF THE VILLAGE)*

| Culturally/Regionally Important Asset/Region |          | Location |                          |
|--|----------|----------|--------------------------|
| 1.   | Mosque   | 1.       | Village Center           |
| 2.   | Cemetery | 2.       | Upperside of the village |
| 3.   |          | 3.       |                          |
| 4.   |          | 4.       |                          |
| 5.   |          | 5.       |                          |

**56.** Are there any registered protected areas in and/or near your village?

Yes

No

**56.1.** What and where are these protected areas?

*(PLEASE ADDRESS THE LOCATION OF THE ASSET/REGION ACCORDING TO THE LOCATION, DISTANCE AND DIRECTION OF THE VILLAGE)*

| Protected Area |  | Location |  |
|----------------|--|----------|--|
| 1.             |  | 1.       |  |
| 2.             |  | 2.       |  |
| 3.             |  | 3.       |  |
| 4.             |  | 4.       |  |
| 5.             |  | 5.       |  |

**57.** Are there any recreational activities in your village? ((e.g., swimming, fishing, hiking, bird watching etc)

Yes

No

If yes, describe which ones and where

**58.** Are there freshwater sources in your village?

Yes

No

**NAKKAS - BASAKSEHIR MOTORWAY PROJECT**  
**Key Informant Questionnaire**

**IDENTIFICATION**

PROVINCE: ISTANBUL

DISTRICT: ARNAVUTKOY

VILLAGE: YESILBAYIR

DISTANCE TO NEAREST PROVINCE CENTER: \_\_\_\_\_ km

DISTANCE TO NEAREST DISTRICT CENTER: \_\_\_\_\_ km

**INTERVIEWER VISITS**

|                             | 1                | 2                | 3      |
|-----------------------------|------------------|------------------|--------|
| DATE<br>(DAY/MOUNTH)        | ____ _           | ____ _           | ____ _ |
| INTERVIEWER<br>NAME-SURNAME | _____            | _____            | _____  |
| RESULT (*)                  | -                | -                | -      |
| DAY-MOUNT<br>NEXT VISITTIME | ____ _<br>____ _ | ____ _<br>____ _ |        |

**(\*) RESULT CODES**

- 01 COMPLETED
- 02 MUHTAR WAS NOT THERE DURING VISIT
- 03 MUHTAR IS NOT PRESENT DURING THE SURVEY PERIOD
- 04 POSTPONED
- 05 REFUSED
- 06 PARTLY COMPLETED
- 07 COMPLETED WITH ANOTHER KEY INFORMANT \_\_\_\_\_(SPECIFY)
- 08 OTHER \_\_\_\_\_(SPECIFY)

**CONSENT PAGE**

Hello, my name is \_\_\_\_\_ I am working for Istanbul ACE Environmental Consultancy. I want to carry out an interview on the proposed Nakkas – Basaksehir Motorway Project within the region. Do you agree to interview?

|  |  |
|--|--|
| RESPONDENT AGREED TO BE INTERVIEWED <input type="checkbox"/> | RESPONDENT DOES NOT AGREE TO BE INTERVIEWED <input type="checkbox"/> |
|--|--|

Signature of the interviewer:.....

Date: \_\_/\_\_/\_\_\_\_

## POPULATION AND DEMOGRAPHIC PROFILE

1. What is the estimated population of the village? 700

2. What is the number of female and male population of the village?

| Female | Male |
|--------|------|
| 300    | 400  |

3. What is the estimated age distribution in your village?

| Age Group | Percentage (%) |
|-----------|----------------|
| 0-14      | 20             |
| 15-64     | 60             |
| 65+       | 20             |

4. What is the total number of households in your village? 200

4.1. What is the average household size? 4

4.2. How many of these households are living permanently in the village (both in summer and winter)? ALL

4.3. How many are living here only seasonally? .....

4.4. Are there vacation houses in your village?

Yes

No

5. Has the population of the village changed over the past 5 years?

Increased

Decreased

No Change  → 6

IF INCREASED or DECREASED

5.1. What is the reason for this change?

---

---



---

6. Are there any semi-nomad communities passing through your village or nearby?

Yes

IF YES

No  → go to 7

6.1. Can you please give a brief information regarding these semi-nomadic communities (where they live, their route, date when they come here or nearby)?

---

---

---

6.2. Has there been any conflict or tension between these groups and locals?

Yes

No  → go to 7.

IF YES

6.2.1. What was the reason for this dispute?

---

---

---

7. Are there (ethnic) minorities living in your community?

Yes

No

8. Can you please give brief information about the history of your village (when and where it is founded.etc.)?

It was founded in 1900.

---

---

9. Are there any households/people coming to your village for recreation activities (summer house etc.)?

Yes

No  → 9

9.1. How many households are coming to your village annually?

\_\_\_\_\_

10. Can we speak of migration into the region (“in-migration”)?

Yes

No

→ 10

IF YES

10.1. What are the reasons of the migration into the region and why do migrating people settle to the region?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

10.2. What are the impacts of the above mentioned migration into the region?  
(PLEASE ASK **BOTH** FOR ADVERSE AND POSITIVE IMPACTS)

| Positive Impacts |  | Adverse Impacts |  |
|------------------|--|-----------------|--|
| 1.               |  | 1.              |  |
| 2.               |  | 2.              |  |
| 3.               |  | 3.              |  |
| 4.               |  | 4.              |  |
| 5.               |  | 5.              |  |

11. Can we speak about out-migration in the region?

Yes

No

→ 11

IF YES

11.1. Which segment/segments of the population migrates to other village/district/provinces?

\_\_\_\_\_  
\_\_\_\_\_

11.2. Why do especially these segment/segments migrate?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**11.3.** What are the impacts of out-migration? (PLEASE ASK **BOTH** FOR ADVERSE AND POSITIVE IMPACTS)

| Positive Impacts |  | Adverse Impacts |  |
|------------------|--|-----------------|--|
| 1.               |  | 1.              |  |
| 2.               |  | 2.              |  |
| 3.               |  | 3.              |  |
| 4.               |  | 4.              |  |
| 5.               |  | 5.              |  |

**11.4.** What are the impacts of the above mention migrations on the land use?

---



---

**12.** Are there any seasonal workers working in different villages/districts/provinces for earning their income?

Yes  How many?

No  → 12

**12.1.** What kind of works they do?

Hay carrying

---



---



---



---



---



---

## SOCIO-ECONOMIC INFORMATION

13. Does the living standard of the village show any change within the last 5 years?

Developed

Regressed

No change

→ 13

IF CHANGED

13.1. What are the main reasons of this change?

Decrease in agriculture and animal husbandry.

---



---

14. What is the main economic activity in your village?

| Activity                                |                       | (✓) | Number of household |
|---|-----------------------|-----|---------------------|
| Agriculture                             | Dry agriculture       | √   |                     |
|   | Irrigated agriculture |     |                     |
|   | Market gardening      |     |                     |
|   | Green housing         |     |                     |
| Animal Husbandry                        | Ovine breeding        | √   |                     |
|   | Bovine breeding       | √   |                     |
|   | Poultry raising       |     |                     |
| Beekeeping                              |                       |     |                     |
| Fishing                                 |                       |     |                     |
| Hunting                                 |                       |     |                     |
| Forestry                                |                       |     |                     |
| Mining/quarrying                        |                       |     |                     |
| Manufacturing                           |                       |     |                     |
| Construction                            |                       |     |                     |
| Transportation & Communication Services |                       |     |                     |
| Trade                                   |                       |     |                     |
| Craft                                   |                       |     |                     |
| Education/healthcare, social services   |                       |     |                     |
| Tourism                                 |                       |     |                     |
| Local Government                        |                       |     |                     |
| Other (please specify)                  |                       |     |                     |
|   |                       |     |                     |

15. How do you prioritize the abovementioned activities in terms of number of people involved with these activities?

| No | Activities       |
|----|------------------|
| 1. | Agriculture      |
| 2. | Animal husbandry |
| 3. |                  |
| 4. |                  |
| 5. |                  |

16. How many people have pensioners pay in your village? 50

17. Do people have one job, or do they frequently have secondary/tertiary sources of livelihood?

They have generally one job  Frequently have secondary/tertiary sources

18. Do people come from other settlements to work here?

Yes  No  → 18

18.1. What kind of jobs do they do?

Hay carrying \_\_\_\_\_

19. Are there any vulnerable people?

Yes  → How many? \_\_\_\_\_ No

20. Who provides the nursing?

|  |                  |
|--|------------------|
|  |                  |
|  | Family           |
|  | Service provider |
|  | Neighbor         |
|  | Friend           |
|  | Other:           |

21. Are there any woman-headed households?

Yes  → How many household? No

22. Are there any people whose sole source of income is shepherding (residing either in the village or in other places)?

Yes  → How many people? No

**23.** Are there any homeless people (who do not have home or live out of his/her house)?

Yes  → How many people? No

**24.** Are there any disabled people?

Yes  → How many people? **5** No

**25.** Do households of the village have rights in the forest? (Firewood, etc.)

Yes  → How many people? No  → 24

**25.1.** What kind of rights?

---

---

**25.2.** Are there any "Orkoy" support in your village?

---

---

**26.** Is there any cooperative in the village?

Yes  No  → 25

**26.1.** If there exists, what kind of activities they do?

---

---

## AGRICULTURAL ACTIVITY

27. What is the land ownership status of your village? (ASK FOR EACH ONE SEPERATELY)

| Land ownership                           | Total (Decare) |
|--|----------------|
| Total land of the village                | 13,000         |
| Treasury land                            | 600            |
| Private land                             |                |
| Forestry land                            |                |
| Pasture land                             | 300            |
| Land belongs to the village legal entity |                |

28. On average, how much land does a household own in the village? \_\_\_\_\_

29. What type of agricultural crops grown in your village? (Please list all of the mentioned products)

| Agricultural Crops | Production amount per year (tonnes) |
|--------------------|-------------------------------------|
| WHEAT              |                                     |
| BARNLEY            |                                     |
| OAT                |                                     |
| SUNFLOWER          |                                     |
| CORN               |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |

30. Did any of the crops given above show any regression regarding production within recent years?

Yes

No

→ 29

30.1. What are the reasons of the regression?

---



---



---

**31.** How many animals are held in your village?

| Animal     | Number |
|------------|--------|
| Cattle     | 100    |
| Sheep/goat | 600    |
| Poultry    | 200    |
| Beehive    | 100    |
| Other      |        |

**32.** Did animal husbandry show any regression in within recent years?

Yes



No



→ 31

**32.1.** What are the reasons of the regression?

Increase in expenses

---

---



## INFRASTRUCTURE

33. Is there a water supply network in the village?

Yes

No

33.1. What are your resources and quality for domestic use?

| Water resources for domestic use | Quality of the resource (drinkable/not) |
|----------------------------------|---|
|                                  |   |
|                                  |   |
|                                  |   |

34. Is there irrigation water?

Yes

No

34.1. If yes, what is the source of the irrigation water?

---

35. Is there a central sewerage system?

Yes

No

36. How are household wastes being disposed in the village?

They are being collected in one place  Burn out   
Being collected by waste trucks  Recycled   
Buried  Other (please specify) \_\_\_\_\_

37. Do you have any problem regarding waste disposal?

Yes

No  → 38

37.1. What kind of problems?

---

---

**38.** What is the quality of the roads which links the village to other settlements?

Qualified asphalt

  
  

Qualified stone chips

Unpaved road

Low quality asphalt

  

Low quality stone chips

Other (please specify) \_\_\_\_\_

**39.** Are the village roads ever blocked in winter/other times due to weather conditions?

Yes

No

→ 40

**40.** What is the approx. percentage of internet usage? 20%

**41.** What is the approx. percentage of people having a mobile phone? 90%

## EDUCATION

42. Are there any illiterate people in the village?

Yes  How many people? No

43. Does the village have a primary school?

Yes  No

44. Does the village have a secondary school?

Yes  No

45. Are some students subject to mobile education?

Yes  No

45.1. Where do the students go for school (village, district, and province)?

HADIMKOY - OMERLI \_\_\_\_\_

46. Do all the children of 6-15 age groups attend to school?

Yes  → 47 No

46.1. What are the reasons of not attending to school?

They work   
The school is far away   
Because they are girls

Inadequacy of educational opportunities   
High level of expenses   
Other (please specify) \_\_\_\_\_

## HEALTH

47. Which of the below mentioned health services are available in the village?

| Health Service            | Yes | No | Number |
|---------------------------|-----|----|--------|
| Midwife                   |     | √  |        |
| Health house (dispensary) |     | √  |        |
| Doctor                    |     | √  |        |
| Nurse                     |     | √  |        |
| Other (please specify)    |     |    |        |

48. What is the distance from the village to the nearest Governmental Hospital ? 20 km

49. Does the family physician come to your village regularly if not based in your village?

Yes

No

→ 50

49.1. How often? \_\_\_\_\_

50. Which of the below mentioned illnesses are occurring commonly, occasionally or rarely/never in the village?

| Illness                      | Common | occasional | rare/none |
|------------------------------|--------|------------|-----------|
| Infectious Disease           |        |            |           |
| Sexually transmitted disease |        |            |           |
| Physical disability          |        |            |           |
| Mental disability            |        |            |           |
| Malnutrition                 |        |            |           |
| Pregnancy-related diseases   |        |            |           |
| Infant death                 |        |            |           |
| Maternal mortality           |        |            |           |
| Age-related disease          |        |            |           |
| Pediatric diseases           |        |            |           |
| Cancer                       |        |            |           |
| Other (please specify)       |        |            |           |
| Other (please specify)       |        |            |           |

**50.1.** Why do you believe the above mentioned common illnesses are seen so frequently in the village?

---

---

## SOCIAL INTEGRATION AND HARMONY

51. Has there been any conflict or tension *within the village* over the following issues during the past 12 months?

| Issues  | Yes | No |
|---|-----|----|
| Natural resources (e.g. water, energy, raw materials) |     | √  |
| Land  |     | √  |
| Pasture land  |     | √  |
| Employment opportunities and jobs                     |     | √  |
| Conflicts between households                          |     | √  |
| Other (please specify)                                |     |    |
| Other (please specify)                                |     |    |

52. Has there been any conflict or tension with the *neighbouring villages* during the past 12 months?

Yes

No

→ 53

52.1. What was / were the reason(s) for the tension(s)/conflict(s)?

---



---



---



---



---



---

52.2. How do these disputes get resolved?

With the help of local authorities

Through the mediation of village headmen and elders

Through village meetings

By the initiatives of the people involved

Other (please specify)

\_\_\_\_\_

52.3. Are there conflicts between “old” village members and any “newcomer” to the village (if any)?

Yes

No

No Newcomers

## THE VILLAGE

53. Which of the below mentioned services exist in the village and how do you assess the efficiency/adequacy of these services?  
(PLEASE MENTION: *VERY GOOD, GOOD, BARELY ACCEPTABLE, POOR, VERY POOR*)

| Service  | Yes | No | Assessment |      |                   |      |           |
|--|-----|----|------------|------|-------------------|------|-----------|
|  |     |    | Very Good  | Good | Barely Acceptable | Poor | Very Poor |
| Coffeehouse  | √   |    |            | √    |                   |      |           |
| Market   | √   |    | √          |      |                   |      |           |
| Grocery  |     |    |            |      |                   |      |           |
| Post office (PTT)  |     |    |            |      |                   |      |           |
| Library  |     |    |            |      |                   |      |           |
| Office of the Muhtar                                     | √   |    |            | √    |                   |      |           |
| Bank/ATM   |     |    |            |      |                   |      |           |
| Gendarmerie Station                                      |     |    |            |      |                   |      |           |
| Transportation Services                                  |     |    |            |      |                   |      |           |
| Agricultural Services<br>(agricultural cooperative etc.) |     |    |            |      |                   |      |           |
| Sports services  | √   |    |            | √    |                   |      |           |
| Health services  |     |    |            |      |                   |      |           |
| Educational services (primary<br>and secondary school)   |     |    |            |      |                   |      |           |
| Orköy  |     |    |            |      |                   |      |           |
| Other (please specify)                                   |     |    |            |      |                   |      |           |

54. In your opinion, what are the current/recent problems of the village? Can you please rank these? (Please specify: )

| Issue  | Critical/severe | Moderate | Minor |
|--|-----------------|----------|-------|
| Unemployment   |                 | √        |       |
| Low income   |                 | √        |       |
| Decline of agricultural production                                 |                 | √        |       |
| Degradation of product   |                 | √        |       |
| Decline of income obtained from the trade of agricultural products |                 | √        |       |
| Rough roads within the village                                     | √               |          |       |
| Rough roads and transportation difficulties to other villages      | √               |          |       |
| Difficulties to access the land                                    |                 | √        |       |
| Difficulty to access the water resource                            |                 | √        |       |
| Agriculture/ irrigation  |                 | √        |       |
| Insufficient water resources                                       |                 | √        |       |
| Insufficient sewage system   |                 | √        |       |
| Insufficient energy resources                                      |                 | √        |       |
| Insufficient accommodation   |                 | √        |       |
| Insufficient heating   |                 | √        |       |
| Insufficient educational opportunities                             | √               |          |       |
| Insufficient health services                                       | √               |          |       |
| Insufficient child care services                                   | √               |          |       |
| Innutrition  |                 | √        |       |
| Uncollected wastes   |                 | √        |       |
| Insufficient communication services                                | √               |          |       |

|  |   |   |  |
|--|---|---|--|
| Security and safety                        |   | √ |  |
| Lack of recreation and cultural facilities | √ |   |  |
| Rise of prices                             | √ |   |  |
| Other (please specify) _____               |   |   |  |



## CULTURAL/ ECOLOGICAL ENVIRONMENT

**55.** Are there any cultural/regional region/assets (sacred places or trees, graveyards, mosque etc.) in or near your village?

Yes

No

→ 56

**55.1.** What are these assets and where are they?

*(PLEASE ADDRESS THE LOCATION OF THE ASSET/REGION ACCORDING TO THE LOCATION, DISTANCE AND DIRECTION OF THE VILLAGE)*

| Culturally/Regionally Important Asset/Region |          | Location |  |
|--|----------|----------|--|
| 1.   | MOSQUE   | 1.       |  |
| 2.   | CEMETERY | 2.       |  |
| 3.   |          | 3.       |  |
| 4.   |          | 4.       |  |
| 5.   |          | 5.       |  |

**56.** Are there any registered protected areas in and/or near your village?

Yes

No

**56.1.** What and where are these protected areas?

*(PLEASE ADDRESS THE LOCATION OF THE ASSET/REGION ACCORDING TO THE LOCATION, DISTANCE AND DIRECTION OF THE VILLAGE)*

| Protected Area |  | Location |  |
|----------------|--|----------|--|
| 1.             |  | 1.       |  |
| 2.             |  | 2.       |  |
| 3.             |  | 3.       |  |
| 4.             |  | 4.       |  |
| 5.             |  | 5.       |  |

**57.** Are there any recreational activities in your village? ((e.g., swimming, fishing, hiking, bird watching etc)

Yes

No

If yes, describe which ones and where

**58.** Are there freshwater sources in your village?

Yes

No

**NAKKAS - BASAKSEHIR MOTORWAY PROJECT**  
**Key Informant Questionnaire**

**IDENTIFICATION**

PROVINCE: ISTANBUL

DISTRICT: AVCILAR

VILLAGE: TAHTAKALE

DISTANCE TO NEAREST PROVINCE CENTER: \_\_\_\_\_ km

DISTANCE TO NEAREST DISTRICT CENTER: \_\_\_\_\_ km

**INTERVIEWER VISITS**

|                             | 1                | 2                | 3      |
|-----------------------------|------------------|------------------|--------|
| DATE<br>(DAY/MOUNTH)        | ____ _           | ____ _           | ____ _ |
| INTERVIEWER<br>NAME-SURNAME | _____            | _____            | _____  |
| RESULT (*)                  | -                | -                | -      |
| DAY-MOUNT<br>NEXT VISITTIME | ____ _<br>____ _ | ____ _<br>____ _ |        |

**(\*) RESULT CODES**

- 01 COMPLETED
- 02 MUHTAR WAS NOT THERE DURING VISIT
- 03 MUHTAR IS NOT PRESENT DURING THE SURVEY PERIOD
- 04 POSTPONED
- 05 REFUSED
- 06 PARTLY COMPLETED
- 07 COMPLETED WITH ANOTHER KEY INFORMANT \_\_\_\_\_(SPECIFY)
- 08 OTHER \_\_\_\_\_(SPECIFY)

**CONSENT PAGE**

Hello, my name is \_\_\_\_\_ I am working for Istanbul ACE Environmental Consultancy. I want to carry out an interview on the proposed Nakkas – Basaksehir Motorway Project within the region. Do you agree to interview?

|  |  |
|--|--|
| RESPONDENT AGREED TO BE INTERVIEWED <input type="checkbox"/> | RESPONDENT DOES NOT AGREE TO BE INTERVIEWED <input type="checkbox"/> |
|--|--|

Signature of the interviewer:.....

Date: \_\_/\_\_/\_\_\_\_

## POPULATION AND DEMOGRAPHIC PROFILE

1. What is the estimated population of the village? 80,000

2. What is the number of female and male population of the village?

| Female | Male   |
|--------|--------|
| 45,000 | 35,000 |

3. What is the estimated age distribution in your village?

| Age Group | Percentage (%) |
|-----------|----------------|
| 0-14      | 20             |
| 15-64     | 75             |
| 65+       | 5              |

4. What is the total number of households in your village? 1200

4.1. What is the average household size? 6

4.2. How many of these households are living permanently in the village (both in summer and winter)? 1100

4.3. How many are living here only seasonally? .....100.....

4.4. Are there vacation houses in your village?

Yes

No

5. Has the population of the village changed over the past 5 years?

Increased

Decreased

No Change  → 6

IF INCREASED or DECREASED

5.1. What is the reason for this change?

Construction of new residential buildings and improved road infrastructure and central location.

---

---

---

6. Are there any semi-nomad communities passing through your village or nearby?

Yes   
IF YES

No  → go to 7

6.1. Can you please give a brief information regarding these semi-nomadic communities (where they live, their route, date when they come here or nearby)?

They live at rented houses during winter and live at the fields between Tahtakale – Sahintepe during summer time.

---

---

---

6.2. Has there been any conflict or tension between these groups and locals?

Yes

No  → go to 7.

IF YES

6.2.1. What was the reason for this dispute?

---

---

---

7. Are there (ethnic) minorities living in your community?

Yes

No

8. Can you please give brief information about the history of your village (when and where it is founded.etc.)?

Before 1980 the neighbourhood was a part of Firuzköy but after 1980 it became a registered neighbourhood.

---

---

9. Are there any households/people coming to your village for recreation activities (summer house etc.)?

Yes

No  → 9

9.1. How many households are coming to your village annually?

110

10. Can we speak of migration into the region (“in-migration”)?

Yes

No  → 10

IF YES

10.1. What are the reasons of the migration into the region and why do migrating people settle to the region?

Construction of new residential buildings and improved road infrastructure. Especially foreign country members started to migrate.

---



---

10.2. What are the impacts of the above mentioned migration into the region? (PLEASE ASK **BOTH** FOR ADVERSE AND POSITIVE IMPACTS)

| Positive Impacts |  | Adverse Impacts |  |
|------------------|--|-----------------|--|
| 1.               |  | 1.              |  |
| 2.               |  | 2.              |  |
| 3.               |  | 3.              |  |
| 4.               |  | 4.              |  |
| 5.               |  | 5.              |  |

11. Can we speak about out-migration in the region?

Yes

No  → 11

IF YES

11.1. Which segment/segments of the population migrates to other village/district/provinces?

---



---

11.2. Why do especially these segment/segments migrate?

---

---

---

11.3. What are the impacts of out-migration? (PLEASE ASK **BOTH** FOR ADVERSE AND POSITIVE IMPACTS)

| Positive Impacts |  | Adverse Impacts |  |
|------------------|--|-----------------|--|
| 1.               |  | 1.              |  |
| 2.               |  | 2.              |  |
| 3.               |  | 3.              |  |
| 4.               |  | 4.              |  |
| 5.               |  | 5.              |  |

11.4. What are the impacts of the above mention migrations on the land use?

---

---

12. Are there any seasonal workers working in different villages/districts/provinces for earning their income?

Yes  How many?

No  → 12

12.1. What kind of works they do?

10,000

---

---

---

Agriculture and Seasonal Cropping

---

---

---

## SOCIO-ECONOMIC INFORMATION

13. Does the living standard of the village show any change within the last 5 years?

Developed

Regressed

No change

→ 13

IF CHANGED

13.1. What are the main reasons of this change?

---



---



---

14. What is the main economic activity in your village?

| Activity                                |                       | (✓) | Number of household |
|---|-----------------------|-----|---------------------|
| Agriculture                             | Dry agriculture       |     |                     |
|   | Irrigated agriculture |     |                     |
|   | Market gardening      |     |                     |
|   | Green housing         |     |                     |
| Animal Husbandry                        | Ovine breeding        | √   |                     |
|   | Bovine breeding       | √   |                     |
|   | Poultry raising       | √   |                     |
| Beekeeping                              |                       |     |                     |
| Fishing                                 |                       |     |                     |
| Hunting                                 |                       |     |                     |
| Forestry                                |                       |     |                     |
| Mining/quarrying                        |                       |     |                     |
| Manufacturing                           |                       |     |                     |
| Construction                            |                       | √   |                     |
| Transportation & Communication Services |                       | √   |                     |
| Trade                                   |                       | √   |                     |
| Craft                                   |                       |     |                     |
| Education/healthcare, social services   |                       | √   |                     |
| Tourism                                 |                       |     |                     |
| Local Government                        |                       |     |                     |
| Other (please specify)                  |                       |     |                     |
|   |                       |     |                     |



15. How do you prioritize the abovementioned activities in terms of number of people involved with these activities?

| No | Activities       |
|----|------------------|
| 1. | Trade            |
| 2. | Transportation   |
| 3. | Construction     |
| 4. | Education        |
| 5. | Animal Husbandry |

16. How many people have pensioners pay in your village? 250

17. Do people have one job, or do they frequently have secondary/tertiary sources of livelihood?

They have generally one job  Frequently have secondary/tertiary sources

18. Do people come from other settlements to work here?

Yes  No  → 18

18.1. What kind of jobs do they do?

Textile manufacturing \_\_\_\_\_

19. Are there any vulnerable people?

Yes  → How many? 20,000 No

20. Who provides the nursing?

|  |                  |
|--|------------------|
|  |                  |
|  | Family           |
|  | Service provider |
|  | Neighbor         |
|  | Friend           |
|  | Other:           |

21. Are there any woman-headed households?

Yes  → How many household? 500 No

**22.** Are there any people whose sole source of income is shepherding (residing either in the village or in other places)?

Yes  → How many people? No

**23.** Are there any homeless people (who do not have home or live out of his/her house)?

Yes  → How many people? No   
30,000

**24.** Are there any disabled people?

Yes  → How many people? No   
2,000

**25.** Do households of the village have rights in the forest? (Firewood, etc.)

Yes  → How many people? No  → 24

**25.1.** What kind of rights?

---

---

**25.2.** Are there any “Orkoy” support in your village?

---

---

**26.** Is there any cooperative in the village?

Yes  No  → 25

**26.1.** If there exists, what kind of activities they do?

---

---

## AGRICULTURAL ACTIVITY

27. What is the land ownership status of your village? (ASK FOR EACH ONE SEPERATELY)

| Land ownership                           | Total (Decare) |
|--|----------------|
| Total land of the village                | 1,129,440      |
| Treasury land                            |                |
| Private land                             |                |
| Forestry land                            |                |
| Pasture land                             |                |
| Land belongs to the village legal entity |                |

28. On average, how much land does a household own in the village? 200 m2

29. What type of agricultural crops grown in your village? (Please list all of the mentioned products)

| Agricultural Crops | Production amount per year (tonnes) |
|--------------------|-------------------------------------|
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |

30. Did any of the crops given above show any regression regarding production within recent years?

Yes

No

→ 29

30.1. What are the reasons of the regression?

---



---



---

**31.** How many animals are held in your village?

| Animal     | Number |
|------------|--------|
| Cattle     |        |
| Sheep/goat |        |
| Poultry    |        |
| Beehive    |        |
| Other      |        |

**32.** Did animal husbandry show any regression in within recent years?

Yes

No

→ 31

**32.1.** What are the reasons of the regression?

---

---

## INFRASTRUCTURE

33. Is there a water supply network in the village?

Yes

No

33.1. What are your resources and quality for domestic use?

| Water resources for domestic use | Quality of the resource (drinkable/not) |
|----------------------------------|---|
|                                  |   |
|                                  |   |
|                                  |   |

34. Is there irrigation water?

Yes

No

34.1. If yes, what is the source of the irrigation water?

---

35. Is there a central sewerage system?

Yes

No

36. How are household wastes being disposed in the village?

They are being collected in one place

Burn out

Being collected by waste trucks

Recycled

Buried

Other (please specify) \_\_\_\_\_

37. Do you have any problem regarding waste disposal?

Yes

No

→ 38

37.1. What kind of problems?

---

---

**38.** What is the quality of the roads which links the village to other settlements?

Qualified asphalt

Low quality asphalt

Qualified stone chips

Low quality stone chips

Unpaved road

Other (please specify) \_\_\_\_\_

**39.** Are the village roads ever blocked in winter/other times due to weather conditions?

Yes

No

→ 40

**40.** What is the approx. percentage of internet usage? 50%

**41.** What is the approx. percentage of people having a mobile phone? 80%

## EDUCATION

42. Are there any illiterate people in the village?

Yes

How many people?

No

43. Does the village have a primary school?

Yes

No

44. Does the village have a secondary school?

Yes

No

45. Are some students subject to mobile education?

Yes

No

45.1. Where do the students go for school (village, district, and province)?

AVCILAR; SAHINTEPE – TAHTAKALE

46. Do all the children of 6-15 age groups attend to school?

Yes



47

No

46.1. What are the reasons of not attending to school?

They work

  
  

The school is far away

Because they are girls

Inadequacy of educational opportunities

High level of expenses

Other (please specify) \_\_\_\_\_

## HEALTH

47. Which of the below mentioned health services are available in the village?

| Health Service            | Yes | No | Number |
|---------------------------|-----|----|--------|
| Midwife                   | √   |    | 1      |
| Health house (dispensary) | √   |    | 1      |
| Doctor                    | √   |    | 1      |
| Nurse                     | √   |    | 1      |
| Other (please specify)    |     |    |        |

48. What is the distance from the village to the nearest Governmental Hospital ? 15 km

49. Does the family physician come to your village regularly if not based in your village?

Yes

No

→ 50

49.1. How often? \_\_\_\_\_

50. Which of the below mentioned illnesses are occurring commonly, occasionally or rarely/never in the village?

| Illness                      | Common | occasional | rare/none |
|------------------------------|--------|------------|-----------|
| Infectious Disease           |        |            |           |
| Sexually transmitted disease |        |            |           |
| Physical disability          |        | √          |           |
| Mental disability            |        | √          |           |
| Malnutrition                 |        | √          |           |
| Pregnancy-related diseases   |        | √          |           |
| Infant death                 |        |            |           |
| Maternal mortality           |        |            |           |
| Age-related disease          |        | √          |           |
| Pediatric diseases           |        | √          |           |
| Cancer                       |        | √          |           |
| Other (please specify)       |        |            |           |
| Other (please specify)       |        |            |           |



**50.1.** Why do you believe the above mentioned common illnesses are seen so frequently in the village?

---

---

## SOCIAL INTEGRATION AND HARMONY

51. Has there been any conflict or tension *within the village* over the following issues during the past 12 months?

| Issues  | Yes | No |
|---|-----|----|
| Natural resources (e.g. water, energy, raw materials) |     |    |
| Land  | √   |    |
| Pasture land  |     |    |
| Employment opportunities and jobs                     | √   |    |
| Conflicts between households                          | √   |    |
| Other (please specify)                                |     |    |
| Other (please specify)                                |     |    |

52. Has there been any conflict or tension with the *neighbouring villages* during the past 12 months?

Yes

No

→ 53

52.1. What was / were the reason(s) for the tension(s)/conflict(s)?

---



---



---



---



---



---

52.2. How do these disputes get resolved?

With the help of local authorities

Through the mediation of village headmen and elders

Through village meetings

By the initiatives of the people involved

Other (please specify)

---



52.3. Are there conflicts between “old” village members and any “newcomer” to the village (if any)?

Yes

No

No Newcomers

## THE VILLAGE

53. Which of the below mentioned services exist in the village and how do you assess the efficiency/adequacy of these services?  
(PLEASE MENTION: *VERY GOOD, GOOD, BARELY ACCEPTABLE, POOR, VERY POOR*)

| Service  | Yes | No | Assessment |      |                   |      |           |
|--|-----|----|------------|------|-------------------|------|-----------|
|  |     |    | Very Good  | Good | Barely Acceptable | Poor | Very Poor |
| Coffeehouse  | √   |    |            | √    |                   |      |           |
| Market   | √   |    |            | √    |                   |      |           |
| Grocery  | √   |    |            | √    |                   |      |           |
| Post office (PTT)  | √   |    |            | √    |                   |      |           |
| Library  |     |    |            |      |                   |      |           |
| Office of the Muhtar                                     | √   |    | √          |      |                   |      |           |
| Bank/ATM   |     | √  |            |      |                   |      |           |
| Gendarmerie Station                                      |     |    |            |      |                   |      |           |
| Transportation Services                                  | √   |    |            |      |                   |      | √         |
| Agricultural Services<br>(agricultural cooperative etc.) |     |    |            |      |                   |      |           |
| Sports services  |     | √  |            |      |                   |      |           |
| Health services  |     | √  |            |      |                   |      |           |
| Educational services (primary<br>and secondary school)   |     | √  |            |      |                   |      |           |
| Orköy  |     | √  |            |      |                   |      |           |
| Other (please specify)                                   |     |    |            |      |                   |      |           |

54. In your opinion, what are the current/recent problems of the village? Can you please rank these? (Please specify: )

| Issue  | Critical/severe | Moderate | Minor |
|--|-----------------|----------|-------|
| Unemployment   | √               |          |       |
| Low income   | √               |          |       |
| Decline of agricultural production                                 |                 |          | √     |
| Degradation of product   |                 |          | √     |
| Decline of income obtained from the trade of agricultural products |                 | √        |       |
| Rough roads within the village                                     | √               |          |       |
| Rough roads and transportation difficulties to other villages      | √               |          |       |
| Difficulties to access the land                                    | √               |          |       |
| Difficulty to access the water resource                            |                 | √        |       |
| Agriculture/ irrigation  |                 | √        |       |
| Insufficient water resources                                       |                 | √        |       |
| Insufficient sewage system   | √               |          |       |
| Insufficient energy resources                                      |                 | √        |       |
| Insufficient accommodation   | √               |          |       |
| Insufficient heating   | √               |          |       |
| Insufficient educational opportunities                             | √               |          |       |
| Insufficient health services                                       | √               |          |       |
| Insufficient child care services                                   | √               |          |       |
| Innutrition  | √               |          |       |
| Uncollected wastes   | √               |          |       |
| Insufficient communication services                                | √               |          |       |

|  |   |  |  |
|--|---|--|--|
| Security and safety                        | √ |  |  |
| Lack of recreation and cultural facilities | √ |  |  |
| Rise of prices                             | √ |  |  |
| Other (please specify) _____               |   |  |  |

## CULTURAL/ ECOLOGICAL ENVIRONMENT

**55.** Are there any cultural/regional region/assets (sacred places or trees, graveyards, mosque etc.) in or near your village?

Yes

No

→ 56

**55.1.** What are these assets and where are they?

*(PLEASE ADDRESS THE LOCATION OF THE ASSET/REGION ACCORDING TO THE LOCATION, DISTANCE AND DIRECTION OF THE VILLAGE)*

| Culturally/Regionally Important Asset/Region |  | Location |  |
|--|--|----------|--|
| 1.   |  | 1.       |  |
| 2.   |  | 2.       |  |
| 3.   |  | 3.       |  |
| 4.   |  | 4.       |  |
| 5.   |  | 5.       |  |

**56.** Are there any registered protected areas in and/or near your village?

Yes

No

**56.1.** What and where are these protected areas?

*(PLEASE ADDRESS THE LOCATION OF THE ASSET/REGION ACCORDING TO THE LOCATION, DISTANCE AND DIRECTION OF THE VILLAGE)*

| Protected Area |                                | Location |                                  |
|----------------|--------------------------------|----------|----------------------------------|
| 1.             | Archaeological Excavation Area | 1.       | Near Tahtakale Kucukcekmece Lake |
| 2.             |                                | 2.       |                                  |
| 3.             |                                | 3.       |                                  |
| 4.             |                                | 4.       |                                  |
| 5.             |                                | 5.       |                                  |

**57.** Are there any recreational activities in your village? ((e.g., swimming, fishing, hiking, bird watching etc)

Yes

No

If yes, describe which ones and where

**58.** Are there freshwater sources in your village?

Yes

No

**NAKKAS - BASAKSEHIR MOTORWAY PROJECT**  
**Key Informant Questionnaire**

**IDENTIFICATION**

PROVINCE: **ISTANBUL**

DISTRICT: **BASAKSEHIR**

VILLAGE: **BAHCESEHIR 2**

DISTANCE TO NEAREST PROVINCE CENTER: \_\_\_\_\_ km

DISTANCE TO NEAREST DISTRICT CENTER: \_\_\_\_\_ km

**INTERVIEWER VISITS**

|                             | 1                | 2                | 3      |
|-----------------------------|------------------|------------------|--------|
| DATE<br>(DAY/MOUNTH)        | ____ _           | ____ _           | ____ _ |
| INTERVIEWER<br>NAME-SURNAME | _____            | _____            | _____  |
| RESULT (*)                  | -                | -                | -      |
| DAY-MOUNT<br>NEXT VISITTIME | ____ _<br>____ _ | ____ _<br>____ _ |        |

**(\*) RESULT CODES**

- 01 COMPLETED
- 02 MUHTAR WAS NOT THERE DURING VISIT
- 03 MUHTAR IS NOT PRESENT DURING THE SURVEY PERIOD
- 04 POSTPONED
- 05 REFUSED
- 06 PARTLY COMPLETED
- 07 COMPLETED WITH ANOTHER KEY INFORMANT \_\_\_\_\_(SPECIFY)
- 08 OTHER \_\_\_\_\_(SPECIFY)

**CONSENT PAGE**

Hello, my name is \_\_\_\_\_ I am working for Istanbul ACE Environmental Consultancy. I want to carry out an interview on the proposed Nakkas – Basaksehir Motorway Project within the region. Do you agree to interview?

|  |  |
|--|--|
| RESPONDENT AGREED TO BE INTERVIEWED <input type="checkbox"/> | RESPONDENT DOES NOT AGREE TO BE INTERVIEWED <input type="checkbox"/> |
|--|--|

Signature of the interviewer:.....

Date: \_\_/\_\_/\_\_\_\_

## POPULATION AND DEMOGRAPHIC PROFILE

1. What is the estimated population of the village? 50,000

2. What is the number of female and male population of the village?

| Female | Male |
|--------|------|
| 5700   | 4300 |

3. What is the estimated age distribution in your village?

| Age Group | Percentage (%) |
|-----------|----------------|
| 0-14      | 10,000         |
| 15-64     | 30,000         |
| 65+       | 10,000         |

4. What is the total number of households in your village? \_\_\_\_\_

4.1. What is the average household size? \_\_\_\_\_

4.2. How many of these households are living permanently in the village (both in summer and winter)? All

4.3. How many are living here only seasonally? .....

4.4. Are there vacation houses in your village?

Yes

No

5. Has the population of the village changed over the past 5 years?

Increased

Decreased

No Change  → 6

IF INCREASED or DECREASED

5.1. What is the reason for this change?

Due to construction of new residential buildings

---



---



---

6. Are there any semi-nomad communities passing through your village or nearby?

Yes

IF YES

No  → go to 7

6.1. Can you please give a brief information regarding these semi-nomadic communities (where they live, their route, date when they come here or nearby)?

---

---

---

6.2. Has there been any conflict or tension between these groups and locals?

Yes

No  → go to 7.

IF YES

6.2.1. What was the reason for this dispute?

---

---

7. Are there (ethnic) minorities living in your community?

Yes  Very few gypsies

No

8. Can you please give brief information about the history of your village (when and where it is founded.etc.)?

The village was founded 25 years ago named as Hosdere

---

---

9. Are there any households/people coming to your village for recreation activities (summer house etc.)?

Yes

No  → 9

9.1. How many households are coming to your village annually?

-

---

10. Can we speak of migration into the region ("in-migration")?

Yes

No

→ 10

IF YES

10.1. What are the reasons of the migration into the region and why do migrating people settle to the region?

Construction of new residential areas, greenfield preferences (having gardens at houses) due to pandemic period, fear of earthquake.

---

---

10.2. What are the impacts of the above mentioned migration into the region?  
(PLEASE ASK **BOTH** FOR ADVERSE AND POSITIVE IMPACTS)

| Positive Impacts |  | Adverse Impacts |                            |
|------------------|--|-----------------|----------------------------|
| 1.               |  | 1.              | Increase in traffic        |
| 2.               |  | 2.              | Increase in housing prices |
| 3.               |  | 3.              | Cultural adaptation        |
| 4.               |  | 4.              |                            |
| 5.               |  | 5.              |                            |

11. Can we speak about out-migration in the region?

Yes

No

→ 11

IF YES

11.1. Which segment/segments of the population migrates to other village/district/provinces?

---

11.2. Why do especially these segment/segments migrate?

---

11.3. What are the impacts of out-migration? (PLEASE ASK **BOTH** FOR ADVERSE AND POSITIVE IMPACTS)

| Positive Impacts |  | Adverse Impacts |  |
|------------------|--|-----------------|--|
| 1.               |  | 1.              |  |
| 2.               |  | 2.              |  |

|    |  |    |  |
|----|--|----|--|
| 3. |  | 3. |  |
| 4. |  | 4. |  |
| 5. |  | 5. |  |

**11.4.** What are the impacts of the above mention migrations on the land use?

None \_\_\_\_\_  
 \_\_\_\_\_

**12.** Are there any seasonal workers working in different villages/districts/provinces for earning their income?

Yes  How many?

No  → 12

**12.1.** What kind of works they do?

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## SOCIO-ECONOMIC INFORMATION

13. Does the living standard of the village show any change within the last 5 years?

Developed

Regressed

No change

→ 13

IF CHANGED

13.1. What are the main reasons of this change?

---



---



---

14. What is the main economic activity in your village?

| Activity                                |                       | (✓) | Number of household |
|---|-----------------------|-----|---------------------|
| Agriculture                             | Dry agriculture       |     |                     |
|   | Irrigated agriculture |     |                     |
|   | Market gardening      |     |                     |
|   | Green housing         |     |                     |
| Animal Husbandry                        | Ovine breeding        |     |                     |
|   | Bovine breeding       |     |                     |
|   | Poultry raising       |     |                     |
| Beekeeping                              |                       |     |                     |
| Fishing                                 |                       |     |                     |
| Hunting                                 |                       |     |                     |
| Forestry                                |                       |     |                     |
| Mining/quarrying                        |                       |     |                     |
| Manufacturing                           |                       |     |                     |
| Construction                            |                       | ✓   |                     |
| Transportation & Communication Services |                       | ✓   |                     |
| Trade                                   |                       | ✓   |                     |
| Craft                                   |                       | ✓   |                     |
| Education/healthcare, social services   |                       | ✓   |                     |
| Tourism                                 |                       | ✓   |                     |
| Local Government                        |                       |     |                     |
| Other (please specify)                  |                       |     |                     |
|   |                       |     |                     |

15. How do you prioritize the abovementioned activities in terms of number of people involved with these activities?

| No | Activities           |
|----|----------------------|
| 1. | Trade                |
| 2. | Health and Education |
| 3. | Construction         |
| 4. |                      |
| 5. |                      |

16. How many people have pensioners pay in your village? \_\_\_\_\_

17. Do people have one job, or do they frequently have secondary/tertiary sources of livelihood?

They have generally one job  Frequently have secondary/tertiary sources

18. Do people come from other settlements to work here?

Yes  No  → 18

18.1. What kind of jobs do they do?

Working at residential compounds as security guards, cleaning services, etc. \_\_\_\_\_

Working at restaurants

19. Are there any vulnerable people?

Yes  → How many? \_\_\_\_\_ No

20. Who provides the nursing?

|  |                  |
|--|------------------|
|  |                  |
|  | Family           |
|  | Service provider |
|  | Neighbor         |
|  | Friend           |
|  | Other:           |

21. Are there any woman-headed households?

Yes  → How many household? No

**22.** Are there any people whose sole source of income is shepherding (residing either in the village or in other places)?

Yes  → How many people? No

**23.** Are there any homeless people (who do not have home or live out of his/her house)?

Yes  → How many people? No

**24.** Are there any disabled people?

Yes  → How many people? No

**25.** Do households of the village have rights in the forest? (Firewood, etc.)

Yes  → How many people? No  → 24

**25.1.** What kind of rights?

---

---

**25.2.** Are there any "Orkoy" support in your village?

---

**26.** Is there any cooperative in the village?

Yes  No  → 25

**26.1.** If there exists, what kind of activities they do?

---

---

## AGRICULTURAL ACTIVITY

27. What is the land ownership status of your village? (ASK FOR EACH ONE SEPERATELY)

| Land ownership                           | Total (Decare) |
|--|----------------|
| Total land of the village                |                |
| Treasury land                            |                |
| Private land                             |                |
| Forestry land                            |                |
| Pasture land                             |                |
| Land belongs to the village legal entity |                |

28. On average, how much land does a household own in the village? \_\_\_\_\_

29. What type of agricultural crops grown in your village? (Please list all of the mentioned products)

| Agricultural Crops | Production amount per year (tonnes) |
|--------------------|-------------------------------------|
| Wheat              |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |

30. Did any of the crops given above show any regression regarding production within recent years?

Yes

No

→ 29

30.1. What are the reasons of the regression?

---



---

**31.** How many animals are held in your village?

| Animal     | Number |
|------------|--------|
| Cattle     |        |
| Sheep/goat |        |
| Poultry    |        |
| Beehive    |        |
| Other      |        |

**32.** Did animal husbandry show any regression in within recent years?

Yes

No

→ 31

**32.1.** What are the reasons of the regression?

---



## INFRASTRUCTURE

33. Is there a water supply network in the village?

Yes

No

33.1. What are your resources and quality for domestic use?

| Water resources for domestic use | Quality of the resource (drinkable/not) |
|----------------------------------|---|
| ISKI                             | Not drinkable                           |
|                                  |   |
|                                  |   |

34. Is there irrigation water?

Yes

No

34.1. If yes, what is the source of the irrigation water?

\_\_\_\_\_

35. Is there a central sewerage system?

Yes

No

36. How are household wastes being disposed in the village?

They are being collected in one place

Burn out

Being collected by waste trucks

Recycled

Buried

Other (please specify) \_\_\_\_\_

37. Do you have any problem regarding waste disposal?

Yes

No

→ 38

37.1. What kind of problems?

\_\_\_\_\_

---

**38.** What is the quality of the roads which links the village to other settlements?

Qualified asphalt

Qualified stone chips

Unpaved road

Low quality asphalt

Low quality stone chips

Other (please specify) \_\_\_\_\_

**39.** Are the village roads ever blocked in winter/other times due to weather conditions?

Yes

No

→ 40

**40.** What is the approx. percentage of internet usage? ~~99%~~ \_\_\_\_\_

**41.** What is the approx. percentage of people having a mobile phone? ~~99%~~

## EDUCATION

42. Are there any illiterate people in the village?

Yes  
few

How many people? Very

No

43. Does the village have a primary school?

Yes

No

44. Does the village have a secondary school?

Yes

No

45. Are some students subject to mobile education?

Yes

No

45.1. Where do the students go for school (village, district, and province)?

\_\_\_\_\_

46. Do all the children of 6-15 age groups attend to school?

Yes



47

No

46.1. What are the reasons of not attending to school?

They work

The school is far away

Because they are girls

Inadequacy of educational opportunities

High level of expenses

Other (please specify) ALL OF THEM GO TO SCHOOL

## HEALTH

47. Which of the below mentioned health services are available in the village?

| Health Service            | Yes | No | Number |
|---------------------------|-----|----|--------|
| Midwife                   |     |    |        |
| Health house (dispensary) | √   |    |        |
| Doctor                    | √   |    | 4      |
| Nurse                     | √   |    |        |
| Other (please specify)    |     |    |        |

48. What is the distance from the village to the nearest Governmental Hospital? 10 km

49. Does the family physician come to your village regularly if not based in your village?

Yes



No



→ 50

49.1. How often? FULL TIME

50. Which of the below mentioned illnesses are occurring commonly, occasionally or rarely/never in the village?

| Illness                      | Common | occasional | rare/none |
|------------------------------|--------|------------|-----------|
| Infectious Disease           | √      |            |           |
| Sexually transmitted disease |        |            | √         |
| Physical disability          |        |            | √         |
| Mental disability            |        |            | √         |
| Malnutrition                 |        |            | √         |
| Pregnancy-related diseases   |        |            | √         |
| Infant death                 |        |            | √         |
| Maternal mortality           |        |            | √         |
| Age-related disease          |        | √          |           |
| Pediatric diseases           |        | √          |           |
| Cancer                       |        | √          |           |
| Other (please specify)       |        |            |           |
| Other (please specify)       |        |            |           |

**50.1.** Why do you believe the above mentioned common illnesses are seen so frequently in the village?

---

---

## SOCIAL INTEGRATION AND HARMONY

51. Has there been any conflict or tension *within the village* over the following issues during the past 12 months?

| Issues  | Yes | No |
|---|-----|----|
| Natural resources (e.g. water, energy, raw materials) |     | ✓  |
| Land  |     | ✓  |
| Pasture land  |     | ✓  |
| Employment opportunities and jobs                     |     | ✓  |
| Conflicts between households                          |     | ✓  |
| Other (please specify)                                |     |    |
| Other (please specify)                                |     |    |

52. Has there been any conflict or tension with the *neighbouring villages* during the past 12 months?

Yes  No  → 53

52.1. What was / were the reason(s) for the tension(s)/conflict(s)?

|       |       |
|-------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

52.2. How do these disputes get resolved?

- With the help of local authorities
- Through the mediation of village headmen and elders
- Through village meetings
- By the initiatives of the people involved
- Other (please specify) \_\_\_\_\_

52.3. Are there conflicts between “old” village members and any “newcomer” to the village (if any)?

Yes  No  No Newcomers

## THE VILLAGE

53. Which of the below mentioned services exist in the village and how do you assess the efficiency/adequacy of these services?  
(PLEASE MENTION: *VERY GOOD, GOOD, BARELY ACCEPTABLE, POOR, VERY POOR*)

| Service   | Yes | No | Assessment |      |                   |      |           |
|---|-----|----|------------|------|-------------------|------|-----------|
|   |     |    | Very Good  | Good | Barely Acceptable | Poor | Very Poor |
| Coffeehouse   | ✓   |    |            |      | ✓                 |      |           |
| Market  | ✓   |    |            | ✓    |                   |      |           |
| Grocery   | ✓   |    |            | ✓    |                   |      |           |
| Post office (PTT)                                     | ✓   |    |            | ✓    |                   |      |           |
| Library   | ✓   |    |            | ✓    |                   |      |           |
| Office of the Muhtar                                  | ✓   |    |            | ✓    |                   |      |           |
| Bank/ATM  | ✓   |    |            |      | ✓                 |      |           |
| Gendarmerie Station                                   | ✓   |    |            |      | ✓                 |      |           |
| Transportation Services                               | ✓   |    |            |      |                   | ✓    |           |
| Agricultural Services (agricultural cooperative etc.) |     |    |            |      |                   |      |           |
| Sports services                                       | ✓   |    |            | ✓    |                   |      |           |
| Health services                                       | ✓   |    |            |      | ✓                 |      |           |
| Educational services (primary and secondary school)   | ✓   |    |            |      | ✓                 |      |           |
| Orköy   |     |    |            |      |                   |      |           |
| Other (please specify)                                |     |    |            |      |                   |      |           |

54. In your opinion, what are the current/recent problems of the village? Can you please rank these? (Please specify: )

| Issue  | Critical/severe | Moderate | Minor |
|--|-----------------|----------|-------|
| Unemployment   |                 | ✓        |       |
| Low income   |                 | ✓        |       |
| Decline of agricultural production                                 | ✓               |          |       |
| Degradation of product   |                 |          | ✓     |
| Decline of income obtained from the trade of agricultural products |                 | ✓        |       |
| Rough roads within the village                                     |                 |          | ✓     |
| Rough roads and transportation difficulties to other villages      |                 |          | ✓     |
| Difficulties to access the land                                    |                 |          | ✓     |
| Difficulty to access the water resource                            |                 |          | ✓     |
| Agriculture/ irrigation  |                 |          | ✓     |
| Insufficient water resources                                       |                 |          | ✓     |
| Insufficient sewage system   |                 |          | ✓     |
| Insufficient energy resources                                      |                 |          | ✓     |
| Insufficient accommodation   |                 |          | ✓     |
| Insufficient heating   |                 |          | ✓     |
| Insufficient educational opportunities                             |                 | ✓        |       |
| Insufficient health services                                       |                 | ✓        |       |
| Insufficient child care services                                   | ✓               |          |       |
| Innutrition  |                 |          | ✓     |
| Uncollected wastes   |                 |          | ✓     |
| Insufficient communication services                                |                 |          | ✓     |

|  |  |   |   |
|--|--|---|---|
| Security and safety                        |  |   | √ |
| Lack of recreation and cultural facilities |  |   | √ |
| Rise of prices                             |  | √ |   |
| Other (please specify) _____               |  |   |   |



## CULTURAL/ ECOLOGICAL ENVIRONMENT

**55.** Are there any cultural/regional region/assets (sacred places or trees, graveyards, mosque etc.) in or near your village?

Yes

No

→ 56

**55.1.** What are these assets and where are they?

*(PLEASE ADDRESS THE LOCATION OF THE ASSET/REGION ACCORDING TO THE LOCATION, DISTANCE AND DIRECTION OF THE VILLAGE)*

| Culturally/Regionally Important Asset/Region |          | Location |  |
|--|----------|----------|--|
| 1.   | Mosque   | 1.       |  |
| 2.   | Cemetery | 2.       |  |
| 3.   |          | 3.       |  |
| 4.   |          | 4.       |  |
| 5.   |          | 5.       |  |

**56.** Are there any registered protected areas in and/or near your village?

Yes

No

**56.1.** What and where are these protected areas?

*(PLEASE ADDRESS THE LOCATION OF THE ASSET/REGION ACCORDING TO THE LOCATION, DISTANCE AND DIRECTION OF THE VILLAGE)*

| Protected Area |  | Location |  |
|----------------|--|----------|--|
| 1.             |  | 1.       |  |
| 2.             |  | 2.       |  |
| 3.             |  | 3.       |  |
| 4.             |  | 4.       |  |
| 5.             |  | 5.       |  |

**57.** Are there any recreational activities in your village? ((e.g., swimming, fishing, hiking, bird watching etc)

Yes

No

If yes, describe which ones and where

**58.** Are there freshwater sources in your village?

Yes

No

**NAKKAS - BASAKSEHIR MOTORWAY PROJECT**  
**Key Informant Questionnaire**

**IDENTIFICATION**

PROVINCE: **ISTANBUL**

DISTRICT: **BASAKSEHIR**

VILLAGE: **KAYABASI**

DISTANCE TO NEAREST PROVINCE CENTER: \_\_\_\_\_ km

DISTANCE TO NEAREST DISTRICT CENTER: \_\_\_\_\_ km

**INTERVIEWER VISITS**

|                             | 1                | 2                | 3      |
|-----------------------------|------------------|------------------|--------|
| DATE<br>(DAY/MOUNTH)        | ____ _           | ____ _           | ____ _ |
| INTERVIEWER<br>NAME-SURNAME | _____            | _____            | _____  |
| RESULT (*)                  | -                | -                | -      |
| DAY-MOUNT<br>NEXT VISITTIME | ____ _<br>____ _ | ____ _<br>____ _ |        |

**(\*) RESULT CODES**

- 01 COMPLETED
- 02 MUHTAR WAS NOT THERE DURING VISIT
- 03 MUHTAR IS NOT PRESENT DURING THE SURVEY PERIOD
- 04 POSTPONED
- 05 REFUSED
- 06 PARTLY COMPLETED
- 07 COMPLETED WITH ANOTHER KEY INFORMANT \_\_\_\_\_(SPECIFY)
- 08 OTHER \_\_\_\_\_(SPECIFY)

**CONSENT PAGE**

Hello, my name is \_\_\_\_\_ I am working for Istanbul ACE Environmental Consultancy. I want to carry out an interview on the proposed Nakkas – Basaksehir Motorway Project within the region. Do you agree to interview?

|  |  |
|--|--|
| RESPONDENT AGREED TO BE INTERVIEWED <input type="checkbox"/> | RESPONDENT DOES NOT AGREE TO BE INTERVIEWED <input type="checkbox"/> |
|--|--|

Signature of the interviewer:.....

Date: \_\_/\_\_/\_\_\_\_

## POPULATION AND DEMOGRAPHIC PROFILE

1. What is the estimated population of the village? 110,000

2. What is the number of female and male population of the village?

| Female | Male   |
|--------|--------|
| 55,000 | 55,000 |

3. What is the estimated age distribution in your village?

| Age Group | Percentage (%) |
|-----------|----------------|
| 0-14      | 31000          |
| 15-64     | 59000          |
| 65+       | 20000          |

4. What is the total number of households in your village? 35,000

4.1. What is the average household size? 5

4.2. How many of these households are living permanently in the village (both in summer and winter)? 95%

4.3. How many are living here only seasonally? .....

4.4. Are there vacation houses in your village?

Yes

No

5. Has the population of the village changed over the past 5 years?

Increased

Decreased

No Change  → 6

IF INCREASED or DECREASED

5.1. What is the reason for this change?

Due to construction of mass housing in the region

---

---

---

6. Are there any semi-nomad communities passing through your village or nearby?

Yes

No  → go to 7

IF YES

6.1. Can you please give a brief information regarding these semi-nomadic communities (where they live, their route, date when they come here or nearby)?

---

---

---

6.2. Has there been any conflict or tension between these groups and locals?

Yes

No  → go to 7.

IF YES

6.2.1. What was the reason for this dispute?

---

---

7. Are there (ethnic) minorities living in your community?

Yes

No

8. Can you please give brief information about the history of your village (when and where it is founded.etc.)?

The village was founded in 1924 after immigration from Thessaloniki.

---

---

9. Are there any households/people coming to your village for recreation activities (summer house etc.)?

Yes

No  → 9

9.1. How many households are coming to your village annually?

10. Can we speak of migration into the region ("in-migration")?

Yes

No

→ 10

IF YES

10.1. What are the reasons of the migration into the region and why do migrating people settle to the region?

Construction of many new residential areas.

---



---

10.2. What are the impacts of the above mentioned migration into the region?  
(PLEASE ASK **BOTH** FOR ADVERSE AND POSITIVE IMPACTS)

| Positive Impacts |  | Adverse Impacts |  |
|------------------|--|-----------------|--|
| 1.               |  | 1.              | Increase in population                     |
| 2.               |  | 2.              | Increase in housing prices and rental fees |
| 3.               |  | 3.              |  |
| 4.               |  | 4.              |  |
| 5.               |  | 5.              |  |

11. Can we speak about out-migration in the region?

Yes

No

→ 11

IF YES

11.1. Which segment/segments of the population migrates to other village/district/provinces?

---

11.2. Why do especially these segment/segments migrate?

---

11.3. What are the impacts of out-migration? (PLEASE ASK **BOTH** FOR ADVERSE AND POSITIVE IMPACTS)

| Positive Impacts |  | Adverse Impacts |  |
|------------------|--|-----------------|--|
| 1.               |  | 1.              |  |
| 2.               |  | 2.              |  |
| 3.               |  | 3.              |  |

|    |  |    |  |
|----|--|----|--|
| 4. |  | 4. |  |
| 5. |  | 5. |  |

**11.4.** What are the impacts of the above mention migrations on the land use?

None \_\_\_\_\_  
 \_\_\_\_\_

**12.** Are there any seasonal workers working in different villages/districts/provinces for earning their income?

Yes  How many?

No  → 12

**12.1.** What kind of works they do?

Governmental officer jobs

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# SOCIO-ECONOMIC INFORMATION

13. Does the living standard of the village show any change within the last 5 years?

Developed  Regressed  No change  → 13

IF CHANGED

13.1. What are the main reasons of this change?

Previous residents of the neighbourhood who had lower income could not afford the increasing rental prices. The new residents which have higher incomes changed the neighbourhood.

---



---

14. What is the main economic activity in your village?

| Activity                                |                       | (✓) | Number of household |
|---|-----------------------|-----|---------------------|
| Agriculture                             | Dry agriculture       |     |                     |
|   | Irrigated agriculture |     |                     |
|   | Market gardening      |     |                     |
|   | Green housing         |     |                     |
| Animal Husbandry                        | Ovine breeding        | ✓   | 60                  |
|   | Bovine breeding       | ✓   | 60                  |
|   | Poultry raising       |     |                     |
| Beekeeping                              |                       |     |                     |
| Fishing                                 |                       |     |                     |
| Hunting                                 |                       |     |                     |
| Forestry                                |                       |     |                     |
| Mining/quarrying                        |                       |     |                     |
| Manufacturing                           |                       | ✓   |                     |
| Construction                            |                       | ✓   |                     |
| Transportation & Communication Services |                       | ✓   |                     |
| Trade                                   |                       | ✓   |                     |
| Craft                                   |                       | ✓   |                     |
| Education/healthcare, social services   |                       | ✓   |                     |
| Tourism                                 |                       |     |                     |
| Local Government                        |                       | ✓   |                     |
| Other (please specify)                  |                       |     |                     |
|   |                       |     |                     |



15. How do you prioritize the abovementioned activities in terms of number of people involved with these activities?

| No | Activities           |
|----|----------------------|
| 1. | Trade                |
| 2. | Manufacturing        |
| 3. | Governmental Officer |
| 4. |                      |
| 5. |                      |

16. How many people have pensioners pay in your village? 1000

17. Do people have one job, or do they frequently have secondary/tertiary sources of livelihood?

They have generally one job  Frequently have secondary/tertiary sources

18. Do people come from other settlements to work here?

Yes  No  → 18

18.1. What kind of jobs do they do?

Working at the factories. \_\_\_\_\_

19. Are there any vulnerable people?

Yes  → How many? 2000 No

20. Who provides the nursing?

|  |                  |
|--|------------------|
|  | Family           |
|  | Service provider |
|  | Neighbor         |
|  | Friend           |
|  | Other:           |

21. Are there any woman-headed households?

Yes  → How many household? 1000 No

22. Are there any people whose sole source of income is shepherding (residing either in the village or in other places)?

Yes  → How many people? No

**23.** Are there any homeless people (who do not have home or live out of his/her house)?

Yes  → How many people? No

**24.** Are there any disabled people?

Yes  → How many people? 500 No

**25.** Do households of the village have rights in the forest? (Firewood, etc.)

Yes  → How many people? No  → 24

**25.1.** What kind of rights?

---

---

**25.2.** Are there any "Orkoy" support in your village?

---

**26.** Is there any cooperative in the village?

Yes  No  → 25

**26.1.** If there exists, what kind of activities they do?

---

---

# AGRICULTURAL ACTIVITY

27. What is the land ownership status of your village? (ASK FOR EACH ONE SEPERATELY)

| Land ownership                           | Total (Decare) |
|--|----------------|
| Total land of the village                | 11,700         |
| Treasury land                            | 2,000          |
| Private land                             | 4,200          |
| Forestry land                            |                |
| Pasture land                             |                |
| Land belongs to the village legal entity |                |

28. On average, how much land does a household own in the village? \_\_\_\_\_

29. What type of agricultural crops grown in your village? (Please list all of the mentioned products)

| Agricultural Crops | Production amount per year (tonnes) |
|--------------------|-------------------------------------|
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |

30. Did any of the crops given above show any regression regarding production within recent years?

Yes  No  → 29

30.1. What are the reasons of the regression?  
 \_\_\_\_\_  
 \_\_\_\_\_

**31. How many animals are held in your village?**

| <b>Animal</b> | <b>Number</b> |
|---------------|---------------|
| Cattle        | 1000          |
| Sheep/goat    | 5000          |
| Poultry       |               |
| Beehive       |               |
| Other         |               |

**32. Did animal husbandry show any regression in within recent years?**

Yes



No



→ 31

**32.1. What are the reasons of the regression?**

Increase in fodder prices and construction in the surrounding area

---

## INFRASTRUCTURE

33. Is there a water supply network in the village?

Yes

No

33.1. What are your resources and quality for domestic use?

| Water resources for domestic use  | Quality of the resource (drinkable/not) |
|-----------------------------------|---|
| Sazlidere                         | Drinkable                               |
| FSM Han Drinking Water Facilities | Drinkable                               |
|                                   |   |

34. Is there irrigation water?

Yes

No

34.1. If yes, what is the source of the irrigation water?

\_\_\_\_\_

35. Is there a central sewerage system?

Yes

No

36. How are household wastes being disposed in the village?

They are being collected in one place

Burn out

Being collected by waste trucks

Recycled

Buried

Other (please specify) \_\_\_\_\_

37. Do you have any problem regarding waste disposal?

Yes

No

→ 38

37.1. What kind of problems?

\_\_\_\_\_

---

**38.** What is the quality of the roads which links the village to other settlements?

Qualified asphalt

Qualified stone chips

Unpaved road

Low quality asphalt

Low quality stone chips

Other (please specify) \_\_\_\_\_

**39.** Are the village roads ever blocked in winter/other times due to weather conditions?

Yes

No

→ 40

**40.** What is the approx. percentage of internet usage? ~~90%~~ \_\_\_\_\_

**41.** What is the approx. percentage of people having a mobile phone? ~~85%~~

## EDUCATION

42. Are there any illiterate people in the village?

Yes  How many people? 5500 No

43. Does the village have a primary school?

Yes  No

44. Does the village have a secondary school?

Yes  No

45. Are some students subject to mobile education?

Yes  No

45.1. Where do the students go for school (village, district, and province)?

\_\_\_\_\_

46. Do all the children of 6-15 age groups attend to school?

Yes  → 47 No

46.1. What are the reasons of not attending to school?

|                        |                          |   |                          |
|------------------------|--------------------------|---|--------------------------|
| They work              | <input type="checkbox"/> | Inadequacy of educational opportunities | <input type="checkbox"/> |
| The school is far away | <input type="checkbox"/> | High level of expenses                  | <input type="checkbox"/> |
| Because they are girls | <input type="checkbox"/> | Other (please specify) _____            |                          |

## HEALTH

47. Which of the below mentioned health services are available in the village?

| Health Service            | Yes | No | Number |
|---------------------------|-----|----|--------|
| Midwife                   | √   |    |        |
| Health house (dispensary) | √   |    |        |
| Doctor                    | √   |    |        |
| Nurse                     | √   |    |        |
| Other (please specify)    |     |    |        |

48. What is the distance from the village to the nearest Governmental Hospital? Inside  
of the neighbourhood

49. Does the family physician come to your village regularly if not based in your village?

Yes



No



→ 50

49.1. How often? FULL TIME

50. Which of the below mentioned illnesses are occurring commonly, occasionally or rarely/never in the village?

| Illness                      | Common | occasional | rare/none |
|------------------------------|--------|------------|-----------|
| Infectious Disease           |        | √          |           |
| Sexually transmitted disease |        |            |           |
| Physical disability          |        |            | √         |
| Mental disability            |        |            | √         |
| Malnutrition                 |        | √          |           |
| Pregnancy-related diseases   |        | √          |           |
| Infant death                 |        |            | √         |
| Maternal mortality           |        |            | √         |
| Age-related disease          | √      |            |           |
| Pediatric diseases           |        | √          |           |
| Cancer                       |        | √          |           |
| Other (please specify)       |        |            |           |
| Other (please specify)       |        |            |           |



**50.1.** Why do you believe the above mentioned common illnesses are seen so frequently in the village?

---

---

## SOCIAL INTEGRATION AND HARMONY

51. Has there been any conflict or tension *within the village* over the following issues during the past 12 months?

| Issues  | Yes | No |
|---|-----|----|
| Natural resources (e.g. water, energy, raw materials) |     | √  |
| Land  |     | √  |
| Pasture land  |     | √  |
| Employment opportunities and jobs                     |     | √  |
| Conflicts between households                          |     | √  |
| Other (please specify)                                |     |    |
| Other (please specify)                                |     |    |

52. Has there been any conflict or tension with the *neighbouring villages* during the past 12 months?

Yes

No

→ 53

52.1. What was / were the reason(s) for the tension(s)/conflict(s)?

---



---



---



---



---



---

52.2. How do these disputes get resolved?

With the help of local authorities

Through the mediation of village headmen and elders

Through village meetings

By the initiatives of the people involved

Other (please specify)

\_\_\_\_\_

52.3. Are there conflicts between “old” village members and any “newcomer” to the village (if any)?

Yes

No

No Newcomers

## THE VILLAGE

53. Which of the below mentioned services exist in the village and how do you assess the efficiency/adequacy of these services?

(PLEASE MENTION: *VERY GOOD, GOOD, BARELY ACCEPTABLE, POOR, VERY POOR*)

| Service  | Yes | No | Assessment |      |                   |      |           |
|--|-----|----|------------|------|-------------------|------|-----------|
|  |     |    | Very Good  | Good | Barely Acceptable | Poor | Very Poor |
| Coffeehouse  | √   |    | √          |      |                   |      |           |
| Market   | √   |    | √          |      |                   |      |           |
| Grocery  | √   |    | √          |      |                   |      |           |
| Post office (PTT)  | √   |    | √          |      |                   |      |           |
| Library  | √   |    | √          |      |                   |      |           |
| Office of the Muhtar                                     | √   |    | √          |      |                   |      |           |
| Bank/ATM   | √   |    | √          |      |                   |      |           |
| Gendarmerie Station                                      |     |    |            |      |                   |      |           |
| Transportation Services                                  | √   |    | √          |      |                   |      |           |
| Agricultural Services<br>(agricultural cooperative etc.) |     |    |            |      |                   |      |           |
| Sports services  | √   |    | √          |      |                   |      |           |
| Health services  | √   |    | √          |      |                   |      |           |
| Educational services (primary<br>and secondary school)   | √   |    | √          |      |                   |      |           |
| Orköy  |     |    |            |      |                   |      |           |
| Other (please specify)                                   |     |    |            |      |                   |      |           |

54. In your opinion, what are the current/recent problems of the village? Can you please rank these? (Please specify: )

| Issue  | Critical/severe | Moderate | Minor |
|--|-----------------|----------|-------|
| Unemployment   |                 | √        |       |
| Low income   | √               |          |       |
| Decline of agricultural production                                 |                 |          | √     |
| Degradation of product   |                 |          | √     |
| Decline of income obtained from the trade of agricultural products |                 |          | √     |
| Rough roads within the village                                     |                 |          | √     |
| Rough roads and transportation difficulties to other villages      |                 |          | √     |
| Difficulties to access the land                                    |                 |          | √     |
| Difficulty to access the water resource                            |                 |          | √     |
| Agriculture/ irrigation  |                 |          | √     |
| Insufficient water resources                                       |                 |          | √     |
| Insufficient sewage system   |                 |          | √     |
| Insufficient energy resources                                      |                 |          | √     |
| Insufficient accommodation   |                 |          | √     |
| Insufficient heating   |                 |          | √     |
| Insufficient educational opportunities                             |                 |          | √     |
| Insufficient health services                                       |                 |          | √     |
| Insufficient child care services                                   |                 |          | √     |
| Innutrition  |                 | √        |       |
| Uncollected wastes   |                 |          | √     |

|  |   |   |   |
|--|---|---|---|
| Insufficient communication services        |   |   | √ |
| Security and safety                        |   |   | √ |
| Lack of recreation and cultural facilities |   | √ |   |
| Rise of prices                             | √ |   |   |
| Other (please specify) _____               |   |   |   |

## CULTURAL/ ECOLOGICAL ENVIRONMENT

**55.** Are there any cultural/regional region/assets (sacred places or trees, graveyards, mosque etc.) in or near your village?

Yes

No

→ 56

**55.1.** What are these assets and where are they?

*(PLEASE ADDRESS THE LOCATION OF THE ASSET/REGION ACCORDING TO THE LOCATION, DISTANCE AND DIRECTION OF THE VILLAGE)*

| Culturally/Regionally Important Asset/Region |              | Location |  |
|--|--------------|----------|--|
| 1.   | 13 Mosques   | 1.       |  |
| 2.   | 3 Cemeteries | 2.       |  |
| 3.   |              | 3.       |  |
| 4.   |              | 4.       |  |
| 5.   |              | 5.       |  |

**56.** Are there any registered protected areas in and/or near your village?

Yes

No

**56.1.** What and where are these protected areas?

*(PLEASE ADDRESS THE LOCATION OF THE ASSET/REGION ACCORDING TO THE LOCATION, DISTANCE AND DIRECTION OF THE VILLAGE)*

| Protected Area |  | Location |  |
|----------------|--|----------|--|
| 1.             |  | 1.       |  |
| 2.             |  | 2.       |  |
| 3.             |  | 3.       |  |
| 4.             |  | 4.       |  |
| 5.             |  | 5.       |  |

**57.** Are there any recreational activities in your village? ((e.g., swimming, fishing, hiking, bird watching etc)

Yes

No

If yes, describe which ones and where

**58.** Are there freshwater sources in your village?

Yes

No

**NAKKAS - BASAKSEHIR MOTORWAY PROJECT**  
**Key Informant Questionnaire**

**IDENTIFICATION**

PROVINCE: ISTANBUL

DISTRICT: BASAKSEHIR

VILLAGE: SAHINTEPE

DISTANCE TO NEAREST PROVINCE CENTER: \_\_\_\_\_ km

DISTANCE TO NEAREST DISTRICT CENTER: \_\_\_\_\_ km

**INTERVIEWER VISITS**

|                             | 1                | 2                | 3      |
|-----------------------------|------------------|------------------|--------|
| DATE<br>(DAY/MOUNTH)        | ____ _           | ____ _           | ____ _ |
| INTERVIEWER<br>NAME-SURNAME | _____            | _____            | _____  |
| RESULT (*)                  | -                | -                | -      |
| DAY-MOUNT<br>NEXT VISITTIME | ____ _<br>____ _ | ____ _<br>____ _ |        |

**(\*) RESULT CODES**

- 01 COMPLETED
- 02 MUHTAR WAS NOT THERE DURING VISIT
- 03 MUHTAR IS NOT PRESENT DURING THE SURVEY PERIOD
- 04 POSTPONED
- 05 REFUSED
- 06 PARTLY COMPLETED
- 07 COMPLETED WITH ANOTHER KEY INFORMANT \_\_\_\_\_(SPECIFY)
- 08 OTHER \_\_\_\_\_(SPECIFY)

**CONSENT PAGE**

Hello, my name is \_\_\_\_\_ I am working for Istanbul ACE Environmental Consultancy. I want to carry out an interview on the proposed Nakkas – Basaksehir Motorway Project within the region. Do you agree to interview?

|  |  |
|--|--|
| RESPONDENT AGREED TO BE INTERVIEWED <input type="checkbox"/> | RESPONDENT DOES NOT AGREE TO BE INTERVIEWED <input type="checkbox"/> |
|--|--|

Signature of the interviewer:.....

Date: \_\_/\_\_/\_\_\_\_

## POPULATION AND DEMOGRAPHIC PROFILE

1. What is the estimated population of the village? 48,000

2. What is the number of female and male population of the village?

| Female | Male |
|--------|------|
|        |      |

3. What is the estimated age distribution in your village?

| Age Group | Percentage (%) |
|-----------|----------------|
| 0-14      |                |
| 15-64     |                |
| 65+       |                |

4. What is the total number of households in your village? \_\_\_\_\_

4.1. What is the average household size? 4

4.2. How many of these households are living permanently in the village (both in summer and winter)? \_\_\_\_\_

4.3. How many are living here only seasonally? .....

4.4. Are there vacation houses in your village?

Yes

No

5. Has the population of the village changed over the past 5 years?

Increased

Decreased

No Change  → 6

IF INCREASED or DECREASED

5.1. What is the reason for this change?

New job opportunities in the region

Regional Development

---



---

---

6. Are there any semi-nomad communities passing through your village or nearby?

Yes   
IF YES

No  → go to 7

6.1. Can you please give a brief information regarding these semi-nomadic communities (where they live, their route, date when they come here or nearby)?

---

---

---

6.2. Has there been any conflict or tension between these groups and locals?

Yes

No  → go to 7.

IF YES

6.2.1. What was the reason for this dispute?

---

---

---

7. Are there (ethnic) minorities living in your community?

Yes

No

8. Can you please give brief information about the history of your village (when and where it is founded.etc.)?

It was founded 30 years ago

---

---

---

9. Are there any households/people coming to your village for recreation activities (summer house etc.)?

Yes

No

→ 9

9.1. How many households are coming to your village annually?

\_\_\_\_\_

10. Can we speak of migration into the region (“in-migration”)?

Yes

No

→ 10

IF YES

10.1. What are the reasons of the migration into the region and why do migrating people settle to the region?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

10.2. What are the impacts of the above mentioned migration into the region?  
(PLEASE ASK **BOTH** FOR ADVERSE AND POSITIVE IMPACTS)

| Positive Impacts |  | Adverse Impacts |  |
|------------------|--|-----------------|--|
| 1.               |  | 1.              |  |
| 2.               |  | 2.              |  |
| 3.               |  | 3.              |  |
| 4.               |  | 4.              |  |
| 5.               |  | 5.              |  |

11. Can we speak about out-migration in the region?

Yes

No

→ 11

IF YES

11.1. Which segment/segments of the population migrates to other village/district/provinces?

Young population goes to Istanbul for job opportunities.

\_\_\_\_\_  
\_\_\_\_\_

11.2. Why do especially these segment/segments migrate?

\_\_\_\_\_  
\_\_\_\_\_

11.3. What are the impacts of out-migration? (PLEASE ASK **BOTH** FOR ADVERSE AND POSITIVE IMPACTS)

| Positive Impacts |  | Adverse Impacts |                                    |
|------------------|--|-----------------|------------------------------------|
| 1.               |  | 1.              | Village culture and life is ending |
| 2.               |  | 2.              |                                    |
| 3.               |  | 3.              |                                    |
| 4.               |  | 4.              |                                    |
| 5.               |  | 5.              |                                    |

11.4. What are the impacts of the above mention migrations on the land use?

---



---

12. Are there any seasonal workers working in different villages/districts/provinces for earning their income?

Yes  How many?

No  → 12

12.1. What kind of works they do?

Construction \_\_\_\_\_

Service sector \_\_\_\_\_

Industry \_\_\_\_\_

\_\_\_\_\_

Textile \_\_\_\_\_

\_\_\_\_\_

## SOCIO-ECONOMIC INFORMATION

13. Does the living standard of the village show any change within the last 5 years?

Developed

Regressed

No change

→ 13

IF CHANGED

13.1. What are the main reasons of this change?

---



---



---

14. What is the main economic activity in your village?

| Activity                                |                       | (✓) | Number of household |
|---|-----------------------|-----|---------------------|
| Agriculture                             | Dry agriculture       |     |                     |
|   | Irrigated agriculture |     |                     |
|   | Market gardening      |     |                     |
|   | Green housing         | √   | 9                   |
| Animal Husbandry                        | Ovine breeding        | √   | 10                  |
|   | Bovine breeding       | √   | 10                  |
|   | Poultry raising       | √   |                     |
| Beekeeping                              |                       | √   | 2                   |
| Fishing                                 |                       |     |                     |
| Hunting                                 |                       |     |                     |
| Forestry                                |                       |     |                     |
| Mining/quarrying                        |                       |     |                     |
| Manufacturing                           |                       | √   |                     |
| Construction                            |                       | √   |                     |
| Transportation & Communication Services |                       |     |                     |
| Trade                                   |                       | √   |                     |
| Craft                                   |                       |     |                     |
| Education/healthcare, social services   |                       |     |                     |
| Tourism                                 |                       |     |                     |
| Local Government                        |                       |     |                     |
| Other (please specify)                  |                       |     |                     |
|   |                       |     |                     |

15. How do you prioritize the abovementioned activities in terms of number of people involved with these activities?

| No | Activities       |
|----|------------------|
| 1. | Textile          |
| 2. | Trade            |
| 3. | Animal Husbandry |
| 4. |                  |
| 5. |                  |

16. How many people have pensioners pay in your village? \_\_\_\_\_

17. Do people have one job, or do they frequently have secondary/tertiary sources of livelihood?

They have generally one job  Frequently have secondary/tertiary sources

18. Do people come from other settlements to work here?

Yes  No  → 18

18.1. What kind of jobs do they do?

Textile \_\_\_\_\_

19. Are there any vulnerable people?

Yes  → How many? 10,000 No

20. Who provides the nursing?

|  |                  |
|--|------------------|
|  |                  |
|  | Family           |
|  | Service provider |
|  | Neighbor         |
|  | Friend           |
|  | Other:           |

21. Are there any woman-headed households?

Yes  → How many household? 100 No

**22.** Are there any people whose sole source of income is shepherding (residing either in the village or in other places)?

Yes  → How many people? 10 No

**23.** Are there any homeless people (who do not have home or live out of his/her house)?

Yes  → How many people? No

**24.** Are there any disabled people?

Yes  → How many people? 500 No

**25.** Do households of the village have rights in the forest? (Firewood, etc.)

Yes  → How many people? No  → 24

**25.1.** What kind of rights?

---

---

**25.2.** Are there any “Orkoy” support in your village?

---

---

**26.** Is there any cooperative in the village?

Yes  No  → 25

**26.1.** If there exists, what kind of activities they do?

---

---

## AGRICULTURAL ACTIVITY

**27.** What is the land ownership status of your village? *(ASK FOR EACH ONE SEPERATELY)*

| Land ownership                           | Total (Decare) |
|--|----------------|
| Total land of the village                |                |
| Treasury land                            |                |
| Private land                             |                |
| Forestry land                            |                |
| Pasture land                             |                |
| Land belongs to the village legal entity |                |

**28.** On average, how much land does a household own in the village? 200 m2

**29.** What type of agricultural crops grown in your village? *(Please list all of the mentioned products)*

| Agricultural Crops | Production amount per year (tonnes) |
|--------------------|-------------------------------------|
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |

**30.** Did any of the crops given above show any regression regarding production within recent years?

Yes

No

→ 29

**30.1.** What are the reasons of the regression?

There is no suitable production conditions. \_\_\_\_\_

\_\_\_\_\_

**31. How many animals are held in your village?**

| <b>Animal</b> | <b>Number</b> |
|---------------|---------------|
| Cattle        | 200           |
| Sheep/goat    | 300           |
| Poultry       | 300           |
| Beehive       |               |
| Other         |               |

**32. Did animal husbandry show any regression in within recent years?**

Yes



No



→ 31

**32.1. What are the reasons of the regression?**

Lack of pasture land \_\_\_\_\_

Urbanization \_\_\_\_\_



## INFRASTRUCTURE

33. Is there a water supply network in the village?

Yes

No

33.1. What are your resources and quality for domestic use?

| Water resources for domestic use | Quality of the resource (drinkable/not) |
|----------------------------------|---|
|                                  |   |
|                                  |   |
|                                  |   |

34. Is there irrigation water?

Yes

No

34.1. If yes, what is the source of the irrigation water?

35. Is there a central sewerage system?

Yes

No

36. How are household wastes being disposed in the village?

They are being collected in one place  Burn out

Being collected by waste trucks  Recycled

Buried  Other (please specify) \_\_\_\_\_

37. Do you have any problem regarding waste disposal?

Yes

No  → 38

37.1. What kind of problems?

---



---

**38.** What is the quality of the roads which links the village to other settlements?

Qualified asphalt

Qualified stone chips

Unpaved road

Low quality asphalt

Low quality stone chips

Other (please specify) \_\_\_\_\_

**39.** Are the village roads ever blocked in winter/other times due to weather conditions?

Yes

No

→ 40

**40.** What is the approx. percentage of internet usage? 100 %

**41.** What is the approx. percentage of people having a mobile phone? 100%

## EDUCATION

42. Are there any illiterate people in the village?

Yes  How many people? No

43. Does the village have a primary school?

Yes  No

44. Does the village have a secondary school?

Yes  No

45. Are some students subject to mobile education?

Yes  No

45.1. Where do the students go for school (village, district, and province)?

46. Do all the children of 6-15 age groups attend to school?

Yes  → 47 No

46.1. What are the reasons of not attending to school?

|                        |                          |   |                          |
|------------------------|--------------------------|---|--------------------------|
| They work              | <input type="checkbox"/> | Inadequacy of educational opportunities | <input type="checkbox"/> |
| The school is far away | <input type="checkbox"/> | High level of expenses                  | <input type="checkbox"/> |
| Because they are girls | <input type="checkbox"/> | Other (please specify) _____            |                          |

## HEALTH

47. Which of the below mentioned health services are available in the village?

| Health Service            | Yes | No | Number |
|---------------------------|-----|----|--------|
| Midwife                   | ✓   |    |        |
| Health house (dispensary) |     |    |        |
| Doctor                    | ✓   |    |        |
| Nurse                     | ✓   |    |        |
| Other (please specify)    |     |    |        |

48. What is the distance from the village to the nearest Governmental Hospital ? 10 km

49. Does the family physician come to your village regularly if not based in your village?

Yes



No



→ 50

49.1. How often? \_\_\_\_\_

50. Which of the below mentioned illnesses are occurring commonly, occasionally or rarely/never in the village?

| Illness                      | Common | occasional | rare/none |
|------------------------------|--------|------------|-----------|
| Infectious Disease           |        |            |           |
| Sexually transmitted disease |        |            |           |
| Physical disability          |        |            |           |
| Mental disability            |        |            |           |
| Malnutrition                 |        |            |           |
| Pregnancy-related diseases   |        |            |           |
| Infant death                 |        |            |           |
| Maternal mortality           |        |            |           |
| Age-related disease          |        |            |           |
| Pediatric diseases           |        | ✓          |           |
| Cancer                       |        | ✓          |           |
| Other (please specify)       |        |            |           |
| Other (please specify)       |        |            |           |

**50.1.** Why do you believe the above mentioned common illnesses are seen so frequently in the village?

---

---

## SOCIAL INTEGRATION AND HARMONY

51. Has there been any conflict or tension *within the village* over the following issues during the past 12 months?

| Issues  | Yes | No |
|---|-----|----|
| Natural resources (e.g. water, energy, raw materials) |     |    |
| Land  |     |    |
| Pasture land  |     |    |
| Employment opportunities and jobs                     |     |    |
| Conflicts between households                          |     |    |
| Other (please specify)                                |     |    |
| Other (please specify)                                |     |    |

52. Has there been any conflict or tension with the *neighbouring villages* during the past 12 months?

Yes

No

→ 53

52.1. What was / were the reason(s) for the tension(s)/conflict(s)?

---



---



---



---



---



---

52.2. How do these disputes get resolved?

With the help of local authorities

Through the mediation of village headmen and elders

Through village meetings

By the initiatives of the people involved

Other (please specify)

---



52.3. Are there conflicts between “old” village members and any “newcomer” to the village (if any)?

Yes

No

No Newcomers

## THE VILLAGE

53. Which of the below mentioned services exist in the village and how do you assess the efficiency/adequacy of these services?  
(PLEASE MENTION: *VERY GOOD, GOOD, BARELY ACCEPTABLE, POOR, VERY POOR*)

| Service   | Yes | No | Assessment |      |                   |      |           |
|---|-----|----|------------|------|-------------------|------|-----------|
|   |     |    | Very Good  | Good | Barely Acceptable | Poor | Very Poor |
| Coffeehouse   | √   |    |            | √    |                   |      |           |
| Market  | √   |    |            | √    |                   |      |           |
| Grocery   | √   |    |            | √    |                   |      |           |
| Post office (PTT)                                     | √   |    |            |      | √                 |      |           |
| Library   |     |    |            |      |                   |      |           |
| Office of the Muhtar                                  | √   |    |            | √    |                   |      |           |
| Bank/ATM  | √   |    |            |      | √                 |      |           |
| Gendarmerie Station                                   |     |    |            |      |                   |      |           |
| Transportation Services                               | √   |    |            |      | √                 |      |           |
| Agricultural Services (agricultural cooperative etc.) |     |    |            |      |                   |      |           |
| Sports services                                       | √   |    |            |      | √                 |      |           |
| Health services                                       | √   |    |            | √    |                   |      |           |
| Educational services (primary and secondary school)   | √   |    |            | √    |                   |      |           |
| Orköy   |     |    |            |      |                   |      |           |
| Other (please specify)                                |     |    |            |      |                   |      |           |

54. In your opinion, what are the current/recent problems of the village? Can you please rank these? (Please specify: )

| Issue  | Critical/severe | Moderate | Minor |
|--|-----------------|----------|-------|
| Unemployment   |                 | √        |       |
| Low income   |                 | √        |       |
| Decline of agricultural production                                 | √               |          |       |
| Degradation of product   | √               |          |       |
| Decline of income obtained from the trade of agricultural products | √               |          |       |
| Rough roads within the village                                     | √               |          |       |
| Rough roads and transportation difficulties to other villages      | √               |          |       |
| Difficulties to access the land                                    | √               |          |       |
| Difficulty to access the water resource                            | √               |          |       |
| Agriculture/ irrigation  | √               |          |       |
| Insufficient water resources                                       |                 | √        |       |
| Insufficient sewage system   |                 | √        |       |
| Insufficient energy resources                                      |                 | √        |       |
| Insufficient accommodation   |                 | √        |       |
| Insufficient heating   |                 | √        |       |
| Insufficient educational opportunities                             |                 | √        |       |
| Insufficient health services                                       |                 | √        |       |
| Insufficient child care services                                   |                 | √        |       |
| Innutrition  |                 | √        |       |
| Uncollected wastes   |                 | √        |       |

|  |  |   |  |
|--|--|---|--|
| Insufficient communication services        |  | √ |  |
| Security and safety                        |  | √ |  |
| Lack of recreation and cultural facilities |  | √ |  |
| Rise of prices                             |  |   |  |
| Other (please specify) _____               |  |   |  |



**CULTURAL/ ECOLOGICAL ENVIRONMENT**

**55.** Are there any cultural/regional region/assets (sacred places or trees, graveyards, mosque etc.) in or near your village?

Yes  No  → 56

**55.1.** What are these assets and where are they?

*(PLEASE ADDRESS THE LOCATION OF THE ASSET/REGION ACCORDING TO THE LOCATION, DISTANCE AND DIRECTION OF THE VILLAGE)*

| Culturally/Regionally Important Asset/Region |       | Location |  |
|--|-------|----------|--|
| 1.   | Caves | 1.       |  |
| 2.   |       | 2.       |  |
| 3.   |       | 3.       |  |
| 4.   |       | 4.       |  |
| 5.   |       | 5.       |  |

**56.** Are there any registered protected areas in and/or near your village?

Yes  No

**56.1.** What and where are these protected areas?

*(PLEASE ADDRESS THE LOCATION OF THE ASSET/REGION ACCORDING TO THE LOCATION, DISTANCE AND DIRECTION OF THE VILLAGE)*

| Protected Area |                     | Location |  |
|----------------|---------------------|----------|--|
| 1.             | Archaeological Site | 1.       |  |
| 2.             |                     | 2.       |  |
| 3.             |                     | 3.       |  |
| 4.             |                     | 4.       |  |
| 5.             |                     | 5.       |  |

**57.** Are there any recreational activities in your village? ((e.g., swimming, fishing, hiking, bird watching etc)

Yes  No

If yes, describe which ones and where

**58.** Are there freshwater sources in your village?

Yes  No

**NAKKAS - BASAKSEHIR MOTORWAY PROJECT**  
**Key Informant Questionnaire**

**IDENTIFICATION**

PROVINCE: ISTANBUL

DISTRICT: BASAKSEHIR

VILLAGE: SAMLAR

DISTANCE TO NEAREST PROVINCE CENTER: \_\_\_\_\_ km

DISTANCE TO NEAREST DISTRICT CENTER: \_\_\_\_\_ km

**INTERVIEWER VISITS**

|                             | 1                | 2                | 3      |
|-----------------------------|------------------|------------------|--------|
| DATE<br>(DAY/MOUNTH)        | ____ _           | ____ _           | ____ _ |
| INTERVIEWER<br>NAME-SURNAME | _____            | _____            | _____  |
| RESULT (*)                  | -                | -                | -      |
| DAY-MOUNT<br>NEXT VISITTIME | ____ _<br>____ _ | ____ _<br>____ _ |        |

**(\*) RESULT CODES**

- 01 COMPLETED
- 02 MUHTAR WAS NOT THERE DURING VISIT
- 03 MUHTAR IS NOT PRESENT DURING THE SURVEY PERIOD
- 04 POSTPONED
- 05 REFUSED
- 06 PARTLY COMPLETED
- 07 COMPLETED WITH ANOTHER KEY INFORMANT \_\_\_\_\_(SPECIFY)
- 08 OTHER \_\_\_\_\_(SPECIFY)

**CONSENT PAGE**

Hello, my name is \_\_\_\_\_ I am working for Istanbul ACE Environmental Consultancy. I want to carry out an interview on the proposed Nakkas – Basaksehir Motorway Project within the region. Do you agree to interview?

|  |  |
|--|--|
| RESPONDENT AGREED TO BE INTERVIEWED <input type="checkbox"/> | RESPONDENT DOES NOT AGREE TO BE INTERVIEWED <input type="checkbox"/> |
|--|--|

Signature of the interviewer:.....

Date: \_\_/\_\_/\_\_\_\_

## POPULATION AND DEMOGRAPHIC PROFILE

1. What is the estimated population of the village? 1300

2. What is the number of female and male population of the village?

| Female | Male |
|--------|------|
| 50 %   | 50 % |

3. What is the estimated age distribution in your village?

| Age Group | Percentage (%) |
|-----------|----------------|
| 0-14      |                |
| 15-64     |                |
| 65+       |                |

4. What is the total number of households in your village? 120

4.1. What is the average household size? \_\_\_\_\_

4.2. How many of these households are living permanently in the village (both in summer and winter)? ALL

4.3. How many are living here only seasonally? .....

4.4. Are there vacation houses in your village?

Yes

No

5. Has the population of the village changed over the past 5 years?

Increased

Decreased

No Change  → 6

IF INCREASED or DECREASED

5.1. What is the reason for this change?

---

---

---

6. Are there any semi-nomad communities passing through your village or nearby?

Yes

IF YES

No  → go to 7

6.1. Can you please give a brief information regarding these semi-nomadic communities (where they live, their route, date when they come here or nearby)?

---

---

---

6.2. Has there been any conflict or tension between these groups and locals?

Yes

No  → go to 7.

IF YES

6.2.1. What was the reason for this dispute?

---

---

---

7. Are there (ethnic) minorities living in your community?

Yes

No

8. Can you please give brief information about the history of your village (when and where it is founded.etc.)?

It was founded in 1490

---

---

---

9. Are there any households/people coming to your village for recreation activities (summer house etc.)?

Yes

No  → 9

9.1. How many households are coming to your village annually?

\_\_\_\_\_

10. Can we speak of migration into the region ("in-migration")?

Yes

No

→ 10

IF YES

10.1. What are the reasons of the migration into the region and why do migrating people settle to the region?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

10.2. What are the impacts of the above mentioned migration into the region?  
(PLEASE ASK **BOTH** FOR ADVERSE AND POSITIVE IMPACTS)

| Positive Impacts |  | Adverse Impacts |  |
|------------------|--|-----------------|--|
| 1.               |  | 1.              |  |
| 2.               |  | 2.              |  |
| 3.               |  | 3.              |  |
| 4.               |  | 4.              |  |
| 5.               |  | 5.              |  |

11. Can we speak about out-migration in the region?

Yes

No

→ 11

IF YES

11.1. Which segment/segments of the population migrates to other village/district/provinces?

Young population goes to Istanbul for job opportunities.

\_\_\_\_\_  
\_\_\_\_\_

11.2. Why do especially these segment/segments migrate?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**11.3.** What are the impacts of out-migration? (PLEASE ASK **BOTH** FOR ADVERSE AND POSITIVE IMPACTS)

| Positive Impacts |  | Adverse Impacts |                                    |
|------------------|--|-----------------|------------------------------------|
| 1.               |  | 1.              | Village culture and life is ending |
| 2.               |  | 2.              |                                    |
| 3.               |  | 3.              |                                    |
| 4.               |  | 4.              |                                    |
| 5.               |  | 5.              |                                    |

**11.4.** What are the impacts of the above mention migrations on the land use?

---



---

**12.** Are there any seasonal workers working in different villages/districts/provinces for earning their income?

Yes  How many?

No  → 12

**12.1.** What kind of works they do?

---



---



---



---



---



---

## SOCIO-ECONOMIC INFORMATION

13. Does the living standard of the village show any change within the last 5 years?

Developed



Regressed

No change

→ 13

IF CHANGED

13.1. What are the main reasons of this change?

Fields have been sold due to the planned Kanal Istanbul Project.

---



---

14. What is the main economic activity in your village?

| Activity                                |                       | (✓) | Number of household |
|---|-----------------------|-----|---------------------|
| Agriculture                             | Dry agriculture       |     |                     |
|   | Irrigated agriculture |     |                     |
|   | Market gardening      | √   | 2                   |
|   | Green housing         |     |                     |
| Animal Husbandry                        | Ovine breeding        | √   | 25                  |
|   | Bovine breeding       | √   | 5                   |
|   | Poultry raising       | √   | 8                   |
| Beekeeping                              | √                     | 4   |                     |
| Fishing                                 | √                     | 2   |                     |
| Hunting                                 |                       |     |                     |
| Forestry                                |                       |     |                     |
| Mining/quarrying                        |                       |     |                     |
| Manufacturing                           |                       |     |                     |
| Construction                            |                       |     |                     |
| Transportation & Communication Services |                       |     |                     |
| Trade                                   | √                     | 8   |                     |
| Craft                                   |                       |     |                     |
| Education/healthcare, social services   | √                     | 2   |                     |
| Tourism                                 |                       |     |                     |
| Local Government                        | √                     | 1   |                     |
| Other (please specify)                  |                       |     |                     |
|   |                       |     |                     |



15. How do you prioritize the abovementioned activities in terms of number of people involved with these activities?

| No | Activities       |
|----|------------------|
| 1. | Agriculture      |
| 2. | Animal husbandry |
| 3. |                  |
| 4. |                  |
| 5. |                  |

16. How many people have pensioners pay in your village? 50

17. Do people have one job, or do they frequently have secondary/tertiary sources of livelihood?

They have generally one job  Frequently have secondary/tertiary sources

18. Do people come from other settlements to work here?

Yes  No  → 18

18.1. What kind of jobs do they do?

Agricultural activities \_\_\_\_\_

19. Are there any vulnerable people?

Yes  → How many? 50 No

20. Who provides the nursing?

|  |                  |
|--|------------------|
|  |                  |
|  | Family           |
|  | Service provider |
|  | Neighbor         |
|  | Friend           |
|  | Other:           |

21. Are there any woman-headed households?

Yes  → How many household? No

2

22. Are there any people whose sole source of income is shepherding (residing either in the village or in other places)?

Yes  → How many people? 4 No

23. Are there any homeless people (who do not have home or live out of his/her house)?

Yes  → How many people? No

24. Are there any disabled people?

Yes  → How many people? 12 No

25. Do households of the village have rights in the forest? (Firewood, etc.)

Yes  → How many people? No  → 24

25.1. What kind of rights?

---

---

25.2. Are there any "Orkoy" support in your village?

---

---

26. Is there any cooperative in the village?

Yes  No  → 25

26.1. If there exists, what kind of activities they do?

---

---

## AGRICULTURAL ACTIVITY

27. What is the land ownership status of your village? (ASK FOR EACH ONE SEPERATELY)

| Land ownership                           | Total (Decare) |
|--|----------------|
| Total land of the village                | 33,000         |
| Treasury land                            | 26,000         |
| Private land                             |                |
| Forestry land                            |                |
| Pasture land                             | 2,000          |
| Land belongs to the village legal entity |                |

28. On average, how much land does a household own in the village? **15 Decare**

29. What type of agricultural crops grown in your village? (Please list all of the mentioned products)

| Agricultural Crops | Production amount per year (tonnes) |
|--------------------|-------------------------------------|
| Wheat              |                                     |
| Barley             |                                     |
| Oat                |                                     |
| Corn               |                                     |
| Sunflower          |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |

30. Did any of the crops given above show any regression regarding production within recent years?

Yes



No



→ 29

30.1. What are the reasons of the regression?

Climate Change

---



---



---

**31. How many animals are held in your village?**

| <b>Animal</b> | <b>Number</b> |
|---------------|---------------|
| Cattle        | 500           |
| Sheep/goat    | 800           |
| Poultry       | 1000          |
| Beehive       | 450           |
| Other         |               |

**32. Did animal husbandry show any regression in within recent years?**

Yes



No



→ 31

**32.1. What are the reasons of the regression?**

There is lack of financial support.

---

---

## INFRASTRUCTURE

33. Is there a water supply network in the village?

Yes

No

33.1. What are your resources and quality for domestic use?

| Water resources for domestic use | Quality of the resource (drinkable/not) |
|----------------------------------|---|
| ISKI                             |   |
| Groundwater                      |   |
|                                  |   |

34. Is there irrigation water?

Yes

No

34.1. If yes, what is the source of the irrigation water?

SAZLIDERE DAM \_\_\_\_\_

35. Is there a central sewerage system?

Yes

No

36. How are household wastes being disposed in the village?

They are being collected in one place

Burn out

Being collected by waste trucks

Recycled

Buried

Other (please specify) \_\_\_\_\_

37. Do you have any problem regarding waste disposal?

Yes

No

→ 38

37.1. What kind of problems?

\_\_\_\_\_

---

**38.** What is the quality of the roads which links the village to other settlements?

Qualified asphalt

Qualified stone chips

Unpaved road

Low quality asphalt

Low quality stone chips

Other (please specify) \_\_\_\_\_

**39.** Are the village roads ever blocked in winter/other times due to weather conditions?

Yes

No

→ 40

**40.** What is the approx. percentage of internet usage? 95 %

**41.** What is the approx. percentage of people having a mobile phone? 100%

## EDUCATION

42. Are there any illiterate people in the village?

Yes  How many people? No

43. Does the village have a primary school?

Yes  No

44. Does the village have a secondary school?

Yes  No

45. Are some students subject to mobile education?

Yes  No

45.1. Where do the students go for school (village, district, and province)?

District Center \_\_\_\_\_

46. Do all the children of 6-15 age groups attend to school?

Yes  → 47 No

46.1. What are the reasons of not attending to school?

They work   
The school is far away   
Because they are girls

Inadequacy of educational opportunities   
High level of expenses   
Other (please specify) \_\_\_\_\_

## HEALTH

47. Which of the below mentioned health services are available in the village?

| Health Service            | Yes | No | Number |
|---------------------------|-----|----|--------|
| Midwife                   |     |    |        |
| Health house (dispensary) | ✓   |    |        |
| Doctor                    |     |    |        |
| Nurse                     |     |    |        |
| Other (please specify)    |     |    |        |

48. What is the distance from the village to the nearest Governmental Hospital ? 15 km

49. Does the family physician come to your village regularly if not based in your village?

Yes



No



→ 50

49.1. How often? \_\_\_\_\_

50. Which of the below mentioned illnesses are occurring commonly, occasionally or rarely/never in the village?

| Illness                      | Common | occasional | rare/none |
|------------------------------|--------|------------|-----------|
| Infectious Disease           |        |            |           |
| Sexually transmitted disease |        |            |           |
| Physical disability          |        |            |           |
| Mental disability            |        |            |           |
| Malnutrition                 |        |            |           |
| Pregnancy-related diseases   |        |            |           |
| Infant death                 |        |            |           |
| Maternal mortality           |        |            |           |
| Age-related disease          |        |            |           |
| Pediatric diseases           |        | ✓          |           |
| Cancer                       |        | ✓          |           |
| Other (please specify)       |        |            |           |
| Other (please specify)       |        |            |           |



**50.1.** Why do you believe the above mentioned common illnesses are seen so frequently in the village?

---

---

## SOCIAL INTEGRATION AND HARMONY

51. Has there been any conflict or tension *within the village* over the following issues during the past 12 months?

| Issues  | Yes | No |
|---|-----|----|
| Natural resources (e.g. water, energy, raw materials) |     |    |
| Land  |     |    |
| Pasture land  | √   |    |
| Employment opportunities and jobs                     |     |    |
| Conflicts between households                          |     |    |
| Other (please specify)                                |     |    |
| Other (please specify)                                |     |    |

52. Has there been any conflict or tension with the *neighbouring villages* during the past 12 months?

Yes

No

→ 53

52.1. What was / were the reason(s) for the tension(s)/conflict(s)?

---



---



---



---



---



---

52.2. How do these disputes get resolved?

With the help of local authorities

Through the mediation of village headmen and elders

Through village meetings

By the initiatives of the people involved

Other (please specify)

---



52.3. Are there conflicts between “old” village members and any “newcomer” to the village (if any)?

Yes

No

No Newcomers

## THE VILLAGE

53. Which of the below mentioned services exist in the village and how do you assess the efficiency/adequacy of these services?  
(PLEASE MENTION: *VERY GOOD, GOOD, BARELY ACCEPTABLE, POOR, VERY POOR*)

| Service  | Yes | No | Assessment |      |                   |      |           |
|--|-----|----|------------|------|-------------------|------|-----------|
|  |     |    | Very Good  | Good | Barely Acceptable | Poor | Very Poor |
| Coffeehouse  | √   |    | √          |      |                   |      |           |
| Market   | √   |    | √          |      |                   |      |           |
| Grocery  |     |    |            |      |                   |      |           |
| Post office (PTT)  |     |    |            |      |                   |      |           |
| Library  |     |    |            |      |                   |      |           |
| Office of the Muhtar                                     | √   |    | √          |      |                   |      |           |
| Bank/ATM   |     |    |            |      |                   |      |           |
| Gendarmerie Station                                      |     |    |            |      |                   |      |           |
| Transportation Services                                  |     |    |            |      |                   |      |           |
| Agricultural Services<br>(agricultural cooperative etc.) |     |    |            |      |                   |      |           |
| Sports services  | √   |    | √          |      |                   |      |           |
| Health services  |     |    |            |      |                   |      |           |
| Educational services (primary<br>and secondary school)   |     |    |            |      |                   |      |           |
| Orköy  |     |    |            |      |                   |      |           |
| Other (please specify)                                   |     |    |            |      |                   |      |           |

54. In your opinion, what are the current/recent problems of the village? Can you please rank these? (Please specify: )

| Issue  | Critical/severe | Moderate | Minor |
|--|-----------------|----------|-------|
| Unemployment   |                 | √        |       |
| Low income   |                 | √        |       |
| Decline of agricultural production                                 |                 | √        |       |
| Degradation of product   |                 | √        |       |
| Decline of income obtained from the trade of agricultural products | √               |          |       |
| Rough roads within the village                                     |                 |          | √     |
| Rough roads and transportation difficulties to other villages      |                 | √        |       |
| Difficulties to access the land                                    |                 | √        |       |
| Difficulty to access the water resource                            | √               |          |       |
| Agriculture/ irrigation  | √               |          |       |
| Insufficient water resources                                       |                 |          | √     |
| Insufficient sewage system   |                 | √        |       |
| Insufficient energy resources                                      |                 |          |       |
| Insufficient accommodation   |                 |          |       |
| Insufficient heating   |                 |          |       |
| Insufficient educational opportunities                             |                 |          |       |
| Insufficient health services                                       |                 | √        |       |
| Insufficient child care services                                   |                 |          | √     |
| Innutrition  |                 |          |       |
| Uncollected wastes   |                 |          | √     |
| Insufficient communication services                                |                 |          |       |

|  |   |  |  |
|--|---|--|--|
| Security and safety                        | √ |  |  |
| Lack of recreation and cultural facilities | √ |  |  |
| Rise of prices                             | √ |  |  |
| Other (please specify) _____               |   |  |  |

## CULTURAL/ ECOLOGICAL ENVIRONMENT

**55.** Are there any cultural/regional region/assets (sacred places or trees, graveyards, mosque etc.) in or near your village?

Yes

No

→ 56

**55.1.** What are these assets and where are they?

*(PLEASE ADDRESS THE LOCATION OF THE ASSET/REGION ACCORDING TO THE LOCATION, DISTANCE AND DIRECTION OF THE VILLAGE)*

| Culturally/Regionally Important Asset/Region |        | Location |  |
|--|--------|----------|--|
| 1.   | Mosque | 1.       |  |
| 2.   |        | 2.       |  |
| 3.   |        | 3.       |  |
| 4.   |        | 4.       |  |
| 5.   |        | 5.       |  |

**56.** Are there any registered protected areas in and/or near your village?

Yes

No

**56.1.** What and where are these protected areas?

*(PLEASE ADDRESS THE LOCATION OF THE ASSET/REGION ACCORDING TO THE LOCATION, DISTANCE AND DIRECTION OF THE VILLAGE)*

| Protected Area |                         | Location |  |
|----------------|-------------------------|----------|--|
| 1.             | Historical Filiboz Farm | 1.       |  |
| 2.             |                         | 2.       |  |
| 3.             |                         | 3.       |  |
| 4.             |                         | 4.       |  |
| 5.             |                         | 5.       |  |

**57.** Are there any recreational activities in your village? ((e.g., swimming, fishing, hiking, bird watching etc)

Yes

No

If yes, describe which ones and where

**58.** Are there freshwater sources in your village?

Yes

No

**NAKKAS - BASAKSEHIR MOTORWAY PROJECT**  
**Key Informant Questionnaire**

**IDENTIFICATION**

PROVINCE: **ISTANBUL**

DISTRICT: **BUYUKCEKMECE**

VILLAGE: **KARAAGAC**

DISTANCE TO NEAREST PROVINCE CENTER: \_\_\_\_\_ km

DISTANCE TO NEAREST DISTRICT CENTER: \_\_\_\_\_ km

**INTERVIEWER VISITS**

|                             | 1                | 2                | 3      |
|-----------------------------|------------------|------------------|--------|
| DATE<br>(DAY/MOUNTH)        | ____ _           | ____ _           | ____ _ |
| INTERVIEWER<br>NAME-SURNAME | _____            | _____            | _____  |
| RESULT (*)                  | -                | -                | -      |
| DAY-MOUNT<br>NEXT VISITTIME | ____ _<br>____ _ | ____ _<br>____ _ |        |

**(\*) RESULT CODES**

- 01 COMPLETED
- 02 MUHTAR WAS NOT THERE DURING VISIT
- 03 MUHTAR IS NOT PRESENT DURING THE SURVEY PERIOD
- 04 POSTPONED
- 05 REFUSED
- 06 PARTLY COMPLETED
- 07 COMPLETED WITH ANOTHER KEY INFORMANT \_\_\_\_\_(SPECIFY)
- 08 OTHER \_\_\_\_\_(SPECIFY)

**CONSENT PAGE**

Hello, my name is \_\_\_\_\_ I am working for Istanbul ACE Environmental Consultancy. I want to carry out an interview on the proposed Nakkas – Basaksehir Motorway Project within the region. Do you agree to interview?

|  |  |
|--|--|
| RESPONDENT AGREED TO BE INTERVIEWED <input type="checkbox"/> | RESPONDENT DOES NOT AGREE TO BE INTERVIEWED <input type="checkbox"/> |
|--|--|

Signature of the interviewer:.....

Date: \_\_/\_\_/\_\_\_\_

## POPULATION AND DEMOGRAPHIC PROFILE

1. What is the estimated population of the village? 3000

2. What is the number of female and male population of the village?

| Female | Male |
|--------|------|
|        |      |

3. What is the estimated age distribution in your village?

| Age Group | Percentage (%) |
|-----------|----------------|
| 0-14      |                |
| 15-64     |                |
| 65+       |                |

4. What is the total number of households in your village? 1500 - 2000

4.1. What is the average household size? \_\_\_\_\_

4.2. How many of these households are living permanently in the village (both in summer and winter)? 95%

4.3. How many are living here only seasonally? .....None.....

4.4. Are there vacation houses in your village?

Yes

No

5. Has the population of the village changed over the past 5 years?

Increased

Decreased

No Change  → 6

IF INCREASED or DECREASED

5.1. What is the reason for this change?

Due to new residential constructions in the region.

---



---



---

6. Are there any semi-nomad communities passing through your village or nearby?

Yes

IF YES

No  → go to 7

6.1. Can you please give a brief information regarding these semi-nomadic communities (where they live, their route, date when they come here or nearby)?

---

---

---

6.2. Has there been any conflict or tension between these groups and locals?

Yes

No  → go to 7.

IF YES

6.2.1. What was the reason for this dispute?

---

---

7. Are there (ethnic) minorities living in your community?

Yes  
Foreigners

Few number of

No

8. Can you please give brief information about the history of your village (when and where it is founded.etc.)?

The village was founded in 1870

---

---

---

9. Are there any households/people coming to your village for recreation activities (summer house etc.)?

Yes

No  → 9

9.1. How many households are coming to your village annually?

\_\_\_\_\_

10. Can we speak of migration into the region ("in-migration")?

Yes

No

→ 10

IF YES

10.1. What are the reasons of the migration into the region and why do migrating people settle to the region?

There is developing industrial zone and job opportunities are increasing accordingly.

\_\_\_\_\_  
\_\_\_\_\_

10.2. What are the impacts of the above mentioned migration into the region?  
(PLEASE ASK **BOTH** FOR ADVERSE AND POSITIVE IMPACTS)

| Positive Impacts |  | Adverse Impacts |  |
|------------------|--|-----------------|--|
| 1.               |  | 1.              |  |
| 2.               |  | 2.              |  |
| 3.               |  | 3.              |  |
| 4.               |  | 4.              |  |
| 5.               |  | 5.              |  |

11. Can we speak about out-migration in the region?

Yes

No

→ 11

IF YES

11.1. Which segment/segments of the population migrates to other village/district/provinces?

\_\_\_\_\_

11.2. Why do especially these segment/segments migrate?

\_\_\_\_\_

11.3. What are the impacts of out-migration? (PLEASE ASK **BOTH** FOR ADVERSE AND POSITIVE IMPACTS)

| Positive Impacts |  | Adverse Impacts |  |
|------------------|--|-----------------|--|
| 1.               |  | 1.              |  |

|    |  |    |  |
|----|--|----|--|
| 2. |  | 2. |  |
| 3. |  | 3. |  |
| 4. |  | 4. |  |
| 5. |  | 5. |  |

**11.4.** What are the impacts of the above mention migrations on the land use?

None \_\_\_\_\_  
 \_\_\_\_\_

**12.** Are there any seasonal workers working in different villages/districts/provinces for earning their income?

Yes  How many? 50

No  → 12

**12.1.** What kind of works they do?

Governmental officers, labours  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## SOCIO-ECONOMIC INFORMATION

13. Does the living standard of the village show any change within the last 5 years?

Developed



Regressed



No change



→ 13

IF CHANGED

13.1. What are the main reasons of this change?

New residential construction in the region and newly constructed roads.

---



---

14. What is the main economic activity in your village?

| Activity                                |                       | (✓) | Number of household |
|---|-----------------------|-----|---------------------|
| Agriculture                             | Dry agriculture       | ✓   | 10                  |
|   | Irrigated agriculture |     |                     |
|   | Market gardening      |     |                     |
|   | Green housing         |     |                     |
| Animal Husbandry                        | Ovine breeding        | ✓   | 7                   |
|   | Bovine breeding       | ✓   | 7                   |
|   | Poultry raising       | ✓   |                     |
| Beekeeping                              |                       |     |                     |
| Fishing                                 |                       |     |                     |
| Hunting                                 |                       |     |                     |
| Forestry                                |                       |     |                     |
| Mining/quarrying                        |                       |     |                     |
| Manufacturing                           |                       |     |                     |
| Construction                            |                       |     |                     |
| Transportation & Communication Services |                       |     |                     |
| Trade                                   |                       | ✓   |                     |
| Craft                                   |                       | ✓   |                     |
| Education/healthcare, social services   |                       | ✓   | 5                   |
| Tourism                                 |                       |     |                     |
| Local Government                        |                       | ✓   | 5                   |
| Other (please specify)                  |                       |     |                     |
|   |                       |     |                     |

15. How do you prioritize the abovementioned activities in terms of number of people involved with these activities?

| No | Activities                       |
|----|----------------------------------|
| 1. | Trade                            |
| 2. | Agriculture and Animal husbandry |
| 3. |                                  |
| 4. |                                  |
| 5. |                                  |

16. How many people have pensioners pay in your village? \_\_\_\_\_

17. Do people have one job, or do they frequently have secondary/tertiary sources of livelihood?

They have generally one job  Frequently have secondary/tertiary sources

18. Do people come from other settlements to work here?

Yes  No  → 18

18.1. What kind of jobs do they do?

Labours and governmental officers \_\_\_\_\_

19. Are there any vulnerable people?

Yes  → How many? \_\_\_\_\_ No

20. Who provides the nursing?

|  |                  |
|--|------------------|
|  |                  |
|  | Family           |
|  | Service provider |
|  | Neighbor         |
|  | Friend           |
|  | Other:           |

21. Are there any woman-headed households?

Yes  → How many household? No

22. Are there any people whose sole source of income is shepherding (residing either in the village or in other places)?

Yes  → How many people? No

**23.** Are there any homeless people (who do not have home or live out of his/her house)?

Yes  → How many people? No

**24.** Are there any disabled people?

Yes  → How many people? No

**25.** Do households of the village have rights in the forest? (Firewood, etc.)

Yes  → How many people? No  → 24

**25.1.** What kind of rights?

---

---

**25.2.** Are there any "Orkoy" support in your village?

---

**26.** Is there any cooperative in the village?

Yes  No  → 25

**26.1.** If there exists, what kind of activities they do?

---

---

## AGRICULTURAL ACTIVITY

27. What is the land ownership status of your village? (ASK FOR EACH ONE SEPERATELY)

| Land ownership                           | Total (Decare) |
|--|----------------|
| Total land of the village                | 33,000         |
| Treasury land                            |                |
| Private land                             | Mostly         |
| Forestry land                            |                |
| Pasture land                             |                |
| Land belongs to the village legal entity |                |

28. On average, how much land does a household own in the village? \_\_\_\_\_

29. What type of agricultural crops grown in your village? (Please list all of the mentioned products)

| Agricultural Crops | Production amount per year (tonnes) |
|--------------------|-------------------------------------|
| Sunflower          |                                     |
| Wheat              |                                     |
| Barley             |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |

30. Did any of the crops given above show any regression regarding production within recent years?

Yes

No

→ 29

30.1. What are the reasons of the regression?

---



---

**31. How many animals are held in your village?**

| Animal     | Number |
|------------|--------|
| Cattle     |        |
| Sheep/goat |        |
| Poultry    |        |
| Beehive    |        |
| Other      |        |

**32. Did animal husbandry show any regression in within recent years?**

Yes



No



→ 31

**32.1. What are the reasons of the regression?**

Increase in costs. \_\_\_\_\_  
\_\_\_\_\_



## INFRASTRUCTURE

33. Is there a water supply network in the village?

Yes

No

33.1. What are your resources and quality for domestic use?

| Water resources for domestic use | Quality of the resource (drinkable/not) |
|----------------------------------|---|
| ISKI                             | Not drinkable                           |
|                                  |   |
|                                  |   |

34. Is there irrigation water?

Yes

No

34.1. If yes, what is the source of the irrigation water?

\_\_\_\_\_

35. Is there a central sewerage system?

Yes

No

36. How are household wastes being disposed in the village?

They are being collected in one place

Burn out

Being collected by waste trucks

Recycled

Buried

Other (please specify) \_\_\_\_\_

37. Do you have any problem regarding waste disposal?

Yes

No

→ 38

37.1. What kind of problems?

\_\_\_\_\_

---

**38.** What is the quality of the roads which links the village to other settlements?

Qualified asphalt

Qualified stone chips

Unpaved road

Low quality asphalt

Low quality stone chips

Other (please specify) \_\_\_\_\_

**39.** Are the village roads ever blocked in winter/other times due to weather conditions?

Yes

No

→ 40

**40.** What is the approx. percentage of internet usage? ~~90%~~ \_\_\_\_\_

**41.** What is the approx. percentage of people having a mobile phone? ~~95%~~

## EDUCATION

42. Are there any illiterate people in the village?

Yes

How many people?

No

43. Does the village have a primary school?

Yes

No

44. Does the village have a secondary school?

Yes

No

45. Are some students subject to mobile education?

Yes

No

45.1. Where do the students go for school (village, district, and province)?

BUYUKCEKMECE \_\_\_\_\_

46. Do all the children of 6-15 age groups attend to school?

Yes



47

No

46.1. What are the reasons of not attending to school?

They work

The school is far away

Because they are girls

Inadequacy of educational opportunities

High level of expenses

Other (please specify) ALL OF THEM GO

TO SCHOOL

## HEALTH

47. Which of the below mentioned health services are available in the village?

| Health Service            | Yes | No | Number |
|---------------------------|-----|----|--------|
| Midwife                   | √   |    | 1      |
| Health house (dispensary) | √   |    | 1      |
| Doctor                    |     |    |        |
| Nurse                     |     |    |        |
| Other (please specify)    |     |    |        |

48. What is the distance from the village to the nearest Governmental Hospital ? 17 km

49. Does the family physician come to your village regularly if not based in your village?

Yes

No

→ 50

49.1. How often? \_\_\_\_\_

50. Which of the below mentioned illnesses are occurring commonly, occasionally or rarely/never in the village?

| Illness                      | Common | occasional | rare/none |
|------------------------------|--------|------------|-----------|
| Infectious Disease           |        | √          |           |
| Sexually transmitted disease |        |            | √         |
| Physical disability          |        |            | √         |
| Mental disability            |        |            | √         |
| Malnutrition                 |        |            | √         |
| Pregnancy-related diseases   |        |            | √         |
| Infant death                 |        |            | √         |
| Maternal mortality           |        |            | √         |
| Age-related disease          |        | √          |           |
| Pediatric diseases           |        |            | √         |
| Cancer                       |        |            | √         |
| Other (please specify)       |        |            |           |
| Other (please specify)       |        |            |           |

**50.1.** Why do you believe the above mentioned common illnesses are seen so frequently in the village?

---

---

## SOCIAL INTEGRATION AND HARMONY

51. Has there been any conflict or tension *within the village* over the following issues during the past 12 months?

| Issues  | Yes | No |
|---|-----|----|
| Natural resources (e.g. water, energy, raw materials) |     | ✓  |
| Land  |     | ✓  |
| Pasture land  |     | ✓  |
| Employment opportunities and jobs                     |     | ✓  |
| Conflicts between households                          |     | ✓  |
| Other (please specify)                                |     |    |
| Other (please specify)                                |     |    |

52. Has there been any conflict or tension with the *neighbouring villages* during the past 12 months?

Yes  No  → 53

52.1. What was / were the reason(s) for the tension(s)/conflict(s)?

|       |       |
|-------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

52.2. How do these disputes get resolved?

- With the help of local authorities
- Through the mediation of village headmen and elders
- Through village meetings
- By the initiatives of the people involved
- Other (please specify) \_\_\_\_\_

52.3. Are there conflicts between “old” village members and any “newcomer” to the village (if any)?

Yes  No  No Newcomers

## THE VILLAGE

53. Which of the below mentioned services exist in the village and how do you assess the efficiency/adequacy of these services?  
(PLEASE MENTION: *VERY GOOD, GOOD, BARELY ACCEPTABLE, POOR, VERY POOR*)

| Service  | Yes | No | Assessment |      |                   |      |           |
|--|-----|----|------------|------|-------------------|------|-----------|
|  |     |    | Very Good  | Good | Barely Acceptable | Poor | Very Poor |
| Coffeehouse  | ✓   |    |            |      | ✓                 |      |           |
| Market   | ✓   |    |            |      | ✓                 |      |           |
| Grocery  | ✓   |    |            |      | ✓                 |      |           |
| Post office (PTT)  |     |    |            |      |                   |      |           |
| Library  |     |    |            |      |                   |      |           |
| Office of the Muhtar                                     | ✓   |    |            | ✓    |                   |      |           |
| Bank/ATM   |     |    |            |      | ✓                 |      |           |
| Gendarmerie Station                                      |     |    |            |      |                   |      |           |
| Transportation Services                                  | ✓   |    |            | ✓    |                   |      |           |
| Agricultural Services<br>(agricultural cooperative etc.) | ✓   |    |            | ✓    |                   |      |           |
| Sports services  | ✓   |    |            |      |                   | ✓    |           |
| Health services  | ✓   |    |            |      |                   | ✓    |           |
| Educational services (primary<br>and secondary school)   | ✓   |    |            |      |                   | ✓    |           |
| Orköy  |     |    |            |      |                   |      |           |
| Other (please specify)                                   |     |    |            |      |                   |      |           |

54. In your opinion, what are the current/recent problems of the village? Can you please rank these? (Please specify: )

| Issue  | Critical/severe | Moderate | Minor |
|--|-----------------|----------|-------|
| Unemployment   |                 | ✓        |       |
| Low income   |                 | ✓        |       |
| Decline of agricultural production                                 |                 | ✓        |       |
| Degradation of product   |                 |          | ✓     |
| Decline of income obtained from the trade of agricultural products | ✓               |          |       |
| Rough roads within the village                                     |                 | ✓        |       |
| Rough roads and transportation difficulties to other villages      |                 |          | ✓     |
| Difficulties to access the land                                    |                 | ✓        |       |
| Difficulty to access the water resource                            |                 |          | ✓     |
| Agriculture/ irrigation  |                 |          | ✓     |
| Insufficient water resources                                       |                 |          | ✓     |
| Insufficient sewage system   |                 | ✓        |       |
| Insufficient energy resources                                      |                 |          | ✓     |
| Insufficient accommodation   |                 |          | ✓     |
| Insufficient heating   |                 |          | ✓     |
| Insufficient educational opportunities                             | ✓               |          | ✓     |
| Insufficient health services                                       | ✓               |          |       |
| Insufficient child care services                                   | ✓               |          |       |
| Innutrition  |                 |          | ✓     |
| Uncollected wastes   |                 |          | ✓     |
| Insufficient communication services                                |                 |          | ✓     |

|  |   |   |   |
|--|---|---|---|
| Security and safety                        |   |   | √ |
| Lack of recreation and cultural facilities | √ |   |   |
| Rise of prices                             |   | √ |   |
| Other (please specify) _____               |   |   |   |



## CULTURAL/ ECOLOGICAL ENVIRONMENT

**55.** Are there any cultural/regional region/assets (sacred places or trees, graveyards, mosque etc.) in or near your village?

Yes

No

→ 56

**55.1.** What are these assets and where are they?

*(PLEASE ADDRESS THE LOCATION OF THE ASSET/REGION ACCORDING TO THE LOCATION, DISTANCE AND DIRECTION OF THE VILLAGE)*

| Culturally/Regionally Important Asset/Region |              | Location |  |
|--|--------------|----------|--|
| 1.   | 3 Mosques    | 1.       |  |
| 2.   | 3 Cemeteries | 2.       |  |
| 3.   |              | 3.       |  |
| 4.   |              | 4.       |  |
| 5.   |              | 5.       |  |

**56.** Are there any registered protected areas in and/or near your village?

Yes

No

**56.1.** What and where are these protected areas?

*(PLEASE ADDRESS THE LOCATION OF THE ASSET/REGION ACCORDING TO THE LOCATION, DISTANCE AND DIRECTION OF THE VILLAGE)*

| Protected Area |  | Location |  |
|----------------|--|----------|--|
| 1.             |  | 1.       |  |
| 2.             |  | 2.       |  |
| 3.             |  | 3.       |  |
| 4.             |  | 4.       |  |
| 5.             |  | 5.       |  |

**57.** Are there any recreational activities in your village? ((e.g., swimming, fishing, hiking, bird watching etc)

Yes

No

If yes, describe which ones and where

**58.** Are there freshwater sources in your village?

Yes

No

**NAKKAS - BASAKSEHIR MOTORWAY PROJECT**  
**Key Informant Questionnaire**

**IDENTIFICATION**

PROVINCE: **ISTANBUL**

DISTRICT: **CATALCA**

VILLAGE: **BAHSAYIS**

DISTANCE TO NEAREST PROVINCE CENTER: \_\_\_\_\_ km

DISTANCE TO NEAREST DISTRICT CENTER: \_\_\_\_\_ km

**INTERVIEWER VISITS**

|                             | 1                | 2                | 3      |
|-----------------------------|------------------|------------------|--------|
| DATE<br>(DAY/MOUNTH)        | ____ _           | ____ _           | ____ _ |
| INTERVIEWER<br>NAME-SURNAME | _____            | _____            | _____  |
| RESULT (*)                  | -                | -                | -      |
| DAY-MOUNT<br>NEXT VISITTIME | ____ _<br>____ _ | ____ _<br>____ _ |        |

**(\*) RESULT CODES**

- 01 COMPLETED
- 02 MUHTAR WAS NOT THERE DURING VISIT
- 03 MUHTAR IS NOT PRESENT DURING THE SURVEY PERIOD
- 04 POSTPONED
- 05 REFUSED
- 06 PARTLY COMPLETED
- 07 COMPLETED WITH ANOTHER KEY INFORMANT \_\_\_\_\_(SPECIFY)
- 08 OTHER \_\_\_\_\_(SPECIFY)

**CONSENT PAGE**

Hello, my name is \_\_\_\_\_ I am working for Istanbul ACE Environmental Consultancy. I want to carry out an interview on the proposed Nakkas – Basaksehir Motorway Project within the region. Do you agree to interview?

|  |  |
|--|--|
| RESPONDENT AGREED TO BE INTERVIEWED <input type="checkbox"/> | RESPONDENT DOES NOT AGREE TO BE INTERVIEWED <input type="checkbox"/> |
|--|--|

Signature of the interviewer:.....

Date: \_\_/\_\_/\_\_\_\_

## POPULATION AND DEMOGRAPHIC PROFILE

500

1. What is the estimated population of the village? \_\_\_\_\_

2. What is the number of female and male population of the village?

| Female | Male |
|--------|------|
| 250    | 250  |

3. What is the estimated age distribution in your village?

| Age Group | Percentage (%) |
|-----------|----------------|
| 0-14      | 40             |
| 15-64     | 50             |
| 65+       | 4              |

4. What is the total number of households in your village? \_\_\_\_\_ 140

4.1. What is the average household size? \_\_\_\_\_ 5

4.2. How many of these households are living permanently in the village (both in summer and winter)? All

4.3. How many are living here only seasonally? .....

4.4. Are there vacation houses in your village?

Yes

No

5. Has the population of the village changed over the past 5 years?

Increased

Decreased

No Change  → 6

IF INCREASED or DECREASED

5.1. What is the reason for this change?

Lack of zoning plans in the village.

Difficulties in transportation

---

---

---

6. Are there any semi-nomad communities passing through your village or nearby?

Yes   
IF YES

No  → go to 7

6.1. Can you please give a brief information regarding these semi-nomadic communities (where they live, their route, date when they come here or nearby)?

---

---

---

6.2. Has there been any conflict or tension between these groups and locals?

Yes

No  → go to 7.

IF YES

6.2.1. What was the reason for this dispute?

---

---

---

7. Are there (ethnic) minorities living in your community?

Yes

No

8. Can you please give brief information about the history of your village (when and where it is founded.etc.)?

It was founded in 1530

---

---

---

9. Are there any households/people coming to your village for recreation activities (summer house etc.)?

Yes

No

→ 9

**9.1.** How many households are coming to your village annually?

\_\_\_\_\_

**10.** Can we speak of migration into the region (“in-migration”)?

Yes

No

→ 10

IF YES

**10.1.** What are the reasons of the migration into the region and why do migrating people settle to the region?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**10.2.** What are the impacts of the above mentioned migration into the region?  
(PLEASE ASK **BOTH** FOR ADVERSE AND POSITIVE IMPACTS)

| Positive Impacts |  | Adverse Impacts |  |
|------------------|--|-----------------|--|
| 1.               |  | 1.              |  |
| 2.               |  | 2.              |  |
| 3.               |  | 3.              |  |
| 4.               |  | 4.              |  |
| 5.               |  | 5.              |  |

**11.** Can we speak about out-migration in the region?

Yes

No

→ 11

IF YES

**11.1.** Which segment/segments of the population migrates to other village/district/provinces?

\_\_\_\_\_  
\_\_\_\_\_

**11.2.** Why do especially these segment/segments migrate?

\_\_\_\_\_  
\_\_\_\_\_

ISTANBUL has many opportunities and close.

11.3. What are the impacts of out-migration? (PLEASE ASK **BOTH** FOR ADVERSE AND POSITIVE IMPACTS)

| Positive Impacts |  | Adverse Impacts |   |
|------------------|--|-----------------|---|
| 1.               |  | 1.              | Unemployment  |
| 2.               |  | 2.              | Animal husbandary has been restricted when the village was officialy declared as neighbourhood. |
| 3.               |  | 3.              |   |
| 4.               |  | 4.              |   |
| 5.               |  | 5.              |   |

11.4. What are the impacts of the above mention migrations on the land use?

---



---

12. Are there any seasonal workers working in different villages/districts/provinces for earning their income?

Yes  How many?

No  → 12

12.1. What kind of works they do?

|       |       |
|-------|-------|
| <hr/> | <hr/> |
| <hr/> | <hr/> |
| <hr/> | <hr/> |

## SOCIO-ECONOMIC INFORMATION

13. Does the living standard of the village show any change within the last 5 years?

Developed  Regressed  No change  → 13

IF CHANGED

13.1. What are the main reasons of this change?

The village was officially declared as neighbourhood and this changed many things. Animal husbandry was restricted. The community members stopped agricultural activities since the money they invested for agriculture didn't bring any benefits after selling the agricultural products. The production costs were higher than selling prices.

---



---

14. What is the main economic activity in your village?

| Activity                                |                       | (✓) | Number of household |
|---|-----------------------|-----|---------------------|
| Agriculture                             | Dry agriculture       | √   |                     |
|   | Irrigated agriculture |     |                     |
|   | Market gardening      |     |                     |
|   | Green housing         |     |                     |
| Animal Husbandry                        | Ovine breeding        | √   |                     |
|   | Bovine breeding       |     |                     |
|   | Poultry raising       |     |                     |
| Beekeeping                              |                       | √   |                     |
| Fishing                                 |                       |     |                     |
| Hunting                                 |                       |     |                     |
| Forestry                                |                       |     |                     |
| Mining/quarrying                        |                       |     |                     |
| Manufacturing                           |                       |     |                     |
| Construction                            |                       |     |                     |
| Transportation & Communication Services |                       |     |                     |
| Trade                                   |                       |     |                     |
| Craft                                   |                       |     |                     |
| Education/healthcare, social services   |                       |     |                     |
| Tourism                                 |                       |     |                     |
| Local Government                        |                       |     |                     |
| Other (please specify)                  |                       |     |                     |
|   |                       |     |                     |



15. How do you prioritize the abovementioned activities in terms of number of people involved with these activities?

| No | Activities |
|----|------------|
| 1. |            |
| 2. |            |
| 3. |            |
| 4. |            |
| 5. |            |

16. How many people have pensioners pay in your village? 100

17. Do people have one job, or do they frequently have secondary/tertiary sources of livelihood?

They have generally one job  Frequently have secondary/tertiary sources

18. Do people come from other settlements to work here?

Yes  No  → 18

18.1. What kind of jobs do they do?

Agricultural activities \_\_\_\_\_

19. Are there any vulnerable people?

Yes  → How many? 10 No

20. Who provides the nursing?

|  |                  |
|--|------------------|
|  |                  |
|  | Family           |
|  | Service provider |
|  | Neighbor         |
|  | Friend           |
|  | Other:           |

21. Are there any woman-headed households?

Yes  → How many household? No

22. Are there any people whose sole source of income is shepherding (residing either in the village or in other places)?

Yes  → How many people? No

23. Are there any homeless people (who do not have home or live out of his/her house)?

Yes  → How many people? 7 No

24. Are there any disabled people?

Yes  → How many people? No

25. Do households of the village have rights in the forest? (Firewood, etc.)

Yes  → How many people? No  → 24

25.1. What kind of rights?

---

---

25.2. Are there any "Orkoy" support in your village?

---

NO

---

26. Is there any cooperative in the village?

Yes  No  → 25

26.1. If there exists, what kind of activities they do?

---

---

## AGRICULTURAL ACTIVITY

27. What is the land ownership status of your village? (ASK FOR EACH ONE SEPERATELY)

| Land ownership                           | Total (Decare) |
|--|----------------|
| Total land of the village                | 10,000         |
| Treasury land                            | 200            |
| Private land                             |                |
| Forestry land                            |                |
| Pasture land                             | 400            |
| Land belongs to the village legal entity |                |

28. On average, how much land does a household own in the village? \_\_\_\_\_

29. What type of agricultural crops grown in your village? (Please list all of the mentioned products)

| Agricultural Crops | Production amount per year (tonnes) |
|--------------------|-------------------------------------|
| Wheat              |                                     |
| Sunflower          |                                     |
| Barley             |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |
|                    |                                     |

30. Did any of the crops given above show any regression regarding production within recent years?

Yes

No

→ 29

30.1. What are the reasons of the regression?

---



---



---

**31. How many animals are held in your village?**

| Animal     | Number |
|------------|--------|
| Cattle     | 20     |
| Sheep/goat | 300    |
| Poultry    | 150    |
| Beehive    | 200    |
| Other      |        |

**32. Did animal husbandry show any regression in within recent years?**

Yes



No



→ 31

**32.1. What are the reasons of the regression?**

The village was officially declared as neighbourhood and this changed many things. Animal husbandry was restricted.

---

## INFRASTRUCTURE

33. Is there a water supply network in the village?

Yes

No

33.1. What are your resources and quality for domestic use?

| Water resources for domestic use | Quality of the resource (drinkable/not) |
|----------------------------------|---|
|                                  |   |
|                                  |   |
|                                  |   |

34. Is there irrigation water?

Yes

No

34.1. If yes, what is the source of the irrigation water?

\_\_\_\_\_

35. Is there a central sewerage system?

Yes

No

36. How are household wastes being disposed in the village?

They are being collected in one place

Burn out

Being collected by waste trucks

Recycled

Buried

Other (please specify) \_\_\_\_\_

37. Do you have any problem regarding waste disposal?

Yes

No

→ 38

37.1. What kind of problems?

Surplus material generated by third party construction activities and wastes are dumped nearby the village.

---

**38.** What is the quality of the roads which links the village to other settlements?

|                       |                          |                              |                                     |
|-----------------------|--------------------------|------------------------------|-------------------------------------|
| Qualified asphalt     | <input type="checkbox"/> | Low quality asphalt          | <input checked="" type="checkbox"/> |
| Qualified stone chips | <input type="checkbox"/> | Low quality stone chips      | <input type="checkbox"/>            |
| Unpaved road          | <input type="checkbox"/> | Other (please specify) _____ |                                     |

**39.** Are the village roads ever blocked in winter/other times due to weather conditions?

Yes  No  → 40

**40.** What is the approx. percentage of internet usage? 100%

**41.** What is the approx. percentage of people having a mobile phone? 100%

## EDUCATION

42. Are there any illiterate people in the village?

Yes

How many people? 3

No

43. Does the village have a primary school?

Yes

No

44. Does the village have a secondary school?

Yes

No

45. Are some students subject to mobile education?

Yes

No

45.1. Where do the students go for school (village, district, and province)?

CATALCA \_\_\_\_\_

46. Do all the children of 6-15 age groups attend to school?

Yes

→ 47

No

46.1. What are the reasons of not attending to school?

They work

  
  

The school is far away

Because they are girls

Inadequacy of educational opportunities

High level of expenses

Other (please specify) \_\_\_\_\_

## HEALTH

47. Which of the below mentioned health services are available in the village?

| Health Service            | Yes | No | Number |
|---------------------------|-----|----|--------|
| Midwife                   |     | √  |        |
| Health house (dispensary) |     | √  |        |
| Doctor                    |     | √  |        |
| Nurse                     |     | √  |        |
| Other (please specify)    |     |    |        |

48. What is the distance from the village to the nearest Governmental Hospital ? 10 km

49. Does the family physician come to your village regularly if not based in your village?

Yes



No



→ 50

49.1. How often? Once at each 15 days

50. Which of the below mentioned illnesses are occurring commonly, occasionally or rarely/never in the village?

| Illness                      | Common | occasional | rare/none |
|------------------------------|--------|------------|-----------|
| Infectious Disease           |        | √          |           |
| Sexually transmitted disease |        |            |           |
| Physical disability          |        |            |           |
| Mental disability            |        |            |           |
| Malnutrition                 |        |            |           |
| Pregnancy-related diseases   |        |            |           |
| Infant death                 |        |            |           |
| Maternal mortality           |        |            |           |
| Age-related disease          |        | √          |           |
| Pediatric diseases           |        |            |           |
| Cancer                       |        |            |           |
| Other (please specify)       |        |            |           |
| Other (please specify)       |        |            |           |



**50.1.** Why do you believe the above mentioned common illnesses are seen so frequently in the village?

---

---

## SOCIAL INTEGRATION AND HARMONY

51. Has there been any conflict or tension *within the village* over the following issues during the past 12 months?

| Issues  | Yes | No |
|---|-----|----|
| Natural resources (e.g. water, energy, raw materials) |     | √  |
| Land  |     | √  |
| Pasture land  |     | √  |
| Employment opportunities and jobs                     |     | √  |
| Conflicts between households                          |     | √  |
| Other (please specify)                                |     |    |
| Other (please specify)                                |     |    |

52. Has there been any conflict or tension with the *neighbouring villages* during the past 12 months?

Yes

No

→ 53

52.1. What was / were the reason(s) for the tension(s)/conflict(s)?

---



---



---



---



---



---

52.2. How do these disputes get resolved?

With the help of local authorities

Through the mediation of village headmen and elders

Through village meetings

By the initiatives of the people involved

Other (please specify)

\_\_\_\_\_

52.3. Are there conflicts between “old” village members and any “newcomer” to the village (if any)?

Yes

No

No Newcomers

## THE VILLAGE

53. Which of the below mentioned services exist in the village and how do you assess the efficiency/adequacy of these services?  
(PLEASE MENTION: *VERY GOOD, GOOD, BARELY ACCEPTABLE, POOR, VERY POOR*)

| Service  | Yes | No | Assessment |      |                   |      |           |
|--|-----|----|------------|------|-------------------|------|-----------|
|  |     |    | Very Good  | Good | Barely Acceptable | Poor | Very Poor |
| Coffeehouse  | √   |    |            | √    |                   |      |           |
| Market   | √   |    |            | √    |                   |      |           |
| Grocery  | √   |    |            | √    |                   |      |           |
| Post office (PTT)  |     |    |            |      |                   |      |           |
| Library  |     |    |            |      |                   |      |           |
| Office of the Muhtar                                     | √   |    |            | √    |                   |      |           |
| Bank/ATM   |     |    |            |      |                   |      |           |
| Gendarmerie Station                                      | √   |    |            | √    |                   |      |           |
| Transportation Services                                  | √   |    |            |      |                   | √    |           |
| Agricultural Services<br>(agricultural cooperative etc.) |     |    |            |      |                   |      |           |
| Sports services  |     |    |            |      |                   |      |           |
| Health services  | √   |    |            | √    |                   |      |           |
| Educational services (primary<br>and secondary school)   |     |    |            |      |                   |      |           |
| Orköy  |     |    |            |      |                   |      |           |
| Other (please specify)                                   |     |    |            |      |                   |      |           |

54. In your opinion, what are the current/recent problems of the village? Can you please rank these? (Please specify: )

| Issue  | Critical/severe | Moderate | Minor |
|--|-----------------|----------|-------|
| Unemployment   |                 |          |       |
| Low income   |                 |          |       |
| Decline of agricultural production                                 |                 |          |       |
| Degradation of product   |                 |          |       |
| Decline of income obtained from the trade of agricultural products |                 |          |       |
| Rough roads within the village                                     | √               |          |       |
| Rough roads and transportation difficulties to other villages      | √               |          |       |
| Difficulties to access the land                                    | √               |          |       |
| Difficulty to access the water resource                            | √               |          |       |
| Agriculture/ irrigation  |                 |          |       |
| Insufficient water resources                                       | √               |          |       |
| Insufficient sewage system   |                 |          |       |
| Insufficient energy resources                                      |                 |          |       |
| Insufficient accommodation   |                 |          |       |
| Insufficient heating   |                 |          |       |
| Insufficient educational opportunities                             |                 |          |       |
| Insufficient health services                                       |                 |          |       |
| Insufficient child care services                                   |                 |          |       |
| Innutrition  |                 |          |       |
| Uncollected wastes   |                 |          |       |
| Insufficient communication services                                |                 |          |       |

|  |  |  |  |
|--|--|--|--|
| Security and safety                        |  |  |  |
| Lack of recreation and cultural facilities |  |  |  |
| Rise of prices                             |  |  |  |
| Other (please specify) _____               |  |  |  |

## CULTURAL/ ECOLOGICAL ENVIRONMENT

**55.** Are there any cultural/regional region/assets (sacred places or trees, graveyards, mosque etc.) in or near your village?

Yes

No

→ 56

**55.1.** What are these assets and where are they?

*(PLEASE ADDRESS THE LOCATION OF THE ASSET/REGION ACCORDING TO THE LOCATION, DISTANCE AND DIRECTION OF THE VILLAGE)*

| Culturally/Regionally Important Asset/Region |                         | Location |  |
|--|-------------------------|----------|--|
| 1.   | Mosque                  | 1.       |  |
| 2.   | Cakmak Military Bunkers | 2.       |  |
| 3.   | Cemetery                | 3.       |  |
| 4.   |                         | 4.       |  |
| 5.   |                         | 5.       |  |

**56.** Are there any registered protected areas in and/or near your village?

Yes

No

**56.1.** What and where are these protected areas?

*(PLEASE ADDRESS THE LOCATION OF THE ASSET/REGION ACCORDING TO THE LOCATION, DISTANCE AND DIRECTION OF THE VILLAGE)*

| Protected Area |  | Location |  |
|----------------|--|----------|--|
| 1.             | All the neighbourhood is under protection of Buyukcekmece Lake Protection Zone | 1.       |  |
| 2.             |  | 2.       |  |
| 3.             |  | 3.       |  |
| 4.             |  | 4.       |  |
| 5.             |  | 5.       |  |

**57.** Are there any recreational activities in your village? ((e.g., swimming, fishing, hiking, bird watching etc)

Yes

No

If yes, describe which ones and where

**58.** Are there freshwater sources in your village?

Yes

No

**NAKKAS - BASAKSEHIR MOTORWAY PROJECT**  
**Key Informant Questionnaire**

**IDENTIFICATION**

PROVINCE: **ISTANBUL**

DISTRICT: **CATALCA**

VILLAGE: **NAKKAS**

DISTANCE TO NEAREST PROVINCE CENTER: \_\_\_\_\_ km

DISTANCE TO NEAREST DISTRICT CENTER: \_\_\_\_\_ km

**INTERVIEWER VISITS**

|                             | 1                | 2                | 3      |
|-----------------------------|------------------|------------------|--------|
| DATE<br>(DAY/MOUNTH)        | ____ _           | ____ _           | ____ _ |
| INTERVIEWER<br>NAME-SURNAME | _____            | _____            | _____  |
| RESULT (*)                  | -                | -                | -      |
| DAY-MOUNT<br>NEXT VISITTIME | ____ _<br>____ _ | ____ _<br>____ _ |        |

**(\*) RESULT CODES**

- 01 COMPLETED
- 02 MUHTAR WAS NOT THERE DURING VISIT
- 03 MUHTAR IS NOT PRESENT DURING THE SURVEY PERIOD
- 04 POSTPONED
- 05 REFUSED
- 06 PARTLY COMPLETED
- 07 COMPLETED WITH ANOTHER KEY INFORMANT \_\_\_\_\_(SPECIFY)
- 08 OTHER \_\_\_\_\_(SPECIFY)

**CONSENT PAGE**

Hello, my name is \_\_\_\_\_ I am working for Istanbul ACE Environmental Consultancy. I want to carry out an interview on the proposed Nakkas – Basaksehir Motorway Project within the region. Do you agree to interview?

|  |  |
|--|--|
| RESPONDENT AGREED TO BE INTERVIEWED <input type="checkbox"/> | RESPONDENT DOES NOT AGREE TO BE INTERVIEWED <input type="checkbox"/> |
|--|--|

Signature of the interviewer:.....

Date: \_\_/\_\_/\_\_\_\_

## POPULATION AND DEMOGRAPHIC PROFILE

1100

1. What is the estimated population of the village? \_\_\_\_\_

2. What is the number of female and male population of the village?

| Female | Male |
|--------|------|
| 500    | 600  |

3. What is the estimated age distribution in your village?

| Age Group | Percentage (%) |
|-----------|----------------|
| 0-14      | 40             |
| 15-64     | 50             |
| 65+       | 4              |

4. What is the total number of households in your village? \_\_\_\_\_ 350

4.1. What is the average household size? \_\_\_\_\_

4.2. How many of these households are living permanently in the village (both in summer and winter)? All

4.3. How many are living here only seasonally? .....

4.4. Are there vacation houses in your village?

Yes

No

5. Has the population of the village changed over the past 5 years?

Increased

Decreased

No Change  → 6

IF INCREASED or DECREASED

5.1. What is the reason for this change?

People migrated here after the construction of Istanbul Airport and Northern Marmara Motorway.

---



---

---

6. Are there any semi-nomad communities passing through your village or nearby?

Yes

No  → go to 7

IF YES

6.1. Can you please give a brief information regarding these semi-nomadic communities (where they live, their route, date when they come here or nearby)?

---

---

---

6.2. Has there been any conflict or tension between these groups and locals?

Yes

No  → go to 7.

IF YES

6.2.1. What was the reason for this dispute?

---

---

---

7. Are there (ethnic) minorities living in your community?

Yes

No

8. Can you please give brief information about the history of your village (when and where it is founded.etc.)?

It was founded in 1458

---

---

---

9. Are there any households/people coming to your village for recreation activities (summer house etc.)?

Yes

No

→ 9

9.1. How many households are coming to your village annually?

\_\_\_\_\_

10. Can we speak of migration into the region (“in-migration”)?

Yes

No

→ 10

IF YES

10.1. What are the reasons of the migration into the region and why do migrating people settle to the region?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

10.2. What are the impacts of the above mentioned migration into the region?  
(PLEASE ASK **BOTH** FOR ADVERSE AND POSITIVE IMPACTS)

| Positive Impacts |  | Adverse Impacts |  |
|------------------|--|-----------------|--|
| 1.               |  | 1.              |  |
| 2.               |  | 2.              |  |
| 3.               |  | 3.              |  |
| 4.               |  | 4.              |  |
| 5.               |  | 5.              |  |

11. Can we speak about out-migration in the region?

Yes

No

→ 11

IF YES

11.1. Which segment/segments of the population migrates to other village/district/provinces?

Young population migrates to Catalca and Hadimkoy

\_\_\_\_\_  
\_\_\_\_\_

11.2. Why do especially these segment/segments migrate?

\_\_\_\_\_  
For education and working  
\_\_\_\_\_

11.3. What are the impacts of out-migration? (PLEASE ASK **BOTH** FOR ADVERSE AND POSITIVE IMPACTS)

| Positive Impacts |  | Adverse Impacts |                          |
|------------------|--|-----------------|--------------------------|
| 1.               |  | 1.              | Loss in young population |
| 2.               |  | 2.              |                          |
| 3.               |  | 3.              |                          |
| 4.               |  | 4.              |                          |
| 5.               |  | 5.              |                          |

11.4. What are the impacts of the above mention migrations on the land use?

---



---

12. Are there any seasonal workers working in different villages/districts/provinces for earning their income?

Yes  How many? 50

No  → 12

12.1. What kind of works they do?

Labours

---



---



---



---



---



---

## SOCIO-ECONOMIC INFORMATION

13. Does the living standard of the village show any change within the last 5 years?

Developed

Regressed

No change

→ 13

IF CHANGED

13.1. What are the main reasons of this change?

---



---



---

14. What is the main economic activity in your village?

| Activity                                |                       | (✓) | Number of household |
|---|-----------------------|-----|---------------------|
| Agriculture                             | Dry agriculture       | √   | 75                  |
|   | Irrigated agriculture |     |                     |
|   | Market gardening      |     |                     |
|   | Green housing         |     |                     |
| Animal Husbandry                        | Ovine breeding        | √   | 5                   |
|   | Bovine breeding       | √   | 20                  |
|   | Poultry raising       | √   | 5                   |
| Beekeeping                              |                       | √   | 8                   |
| Fishing                                 |                       |     |                     |
| Hunting                                 |                       |     |                     |
| Forestry                                |                       |     |                     |
| Mining/quarrying                        |                       |     |                     |
| Manufacturing                           |                       | √   | 3                   |
| Construction                            |                       |     |                     |
| Transportation & Communication Services |                       |     |                     |
| Trade                                   |                       | √   | 20                  |
| Craft                                   |                       |     |                     |
| Education/healthcare, social services   |                       | √   | 1                   |
| Tourism                                 |                       |     |                     |
| Local Government                        |                       | √   | 5                   |
| Other (please specify)                  |                       |     |                     |
|   |                       |     |                     |

15. How do you prioritize the abovementioned activities in terms of number of people involved with these activities?

| No | Activities       |
|----|------------------|
| 1. | Agriculture      |
| 2. | Animal husbandry |
| 3. | Trade            |
| 4. |                  |
| 5. |                  |

16. How many people have pensioners pay in your village? 100

17. Do people have one job, or do they frequently have secondary/tertiary sources of livelihood?

They have generally one job  Frequently have secondary/tertiary sources

18. Do people come from other settlements to work here?

Yes  No  → 18

18.1. What kind of jobs do they do?

Agricultural activities \_\_\_\_\_

19. Are there any vulnerable people?

Yes  → How many? 10 No

20. Who provides the nursing?

|  |                  |
|--|------------------|
|  |                  |
|  | Family           |
|  | Service provider |
|  | Neighbor         |
|  | Friend           |
|  | Other:           |

21. Are there any woman-headed households?

Yes  → How many household? 5 No

22. Are there any people whose sole source of income is shepherding (residing either in the village or in other places)?

Yes  → How many people? No

**23.** Are there any homeless people (who do not have home or live out of his/her house)?

Yes  → How many people? No

**24.** Are there any disabled people?

Yes  → How many people? **5** No

**25.** Do households of the village have rights in the forest? (Firewood, etc.)

Yes  → How many people? No  → 24

**25.1.** What kind of rights?

---

---

**25.2.** Are there any "Orkoy" support in your village?

---

**26.** Is there any cooperative in the village?

Yes  No  → 25

**26.1.** If there exists, what kind of activities they do?

---

---

## AGRICULTURAL ACTIVITY

27. What is the land ownership status of your village? (ASK FOR EACH ONE SEPERATELY)

| Land ownership                           | Total (Decare) |
|--|----------------|
| Total land of the village                | 70,000         |
| Treasury land                            | 3,000          |
| Private land                             |                |
| Forestry land                            |                |
| Pasture land                             | 2,600          |
| Land belongs to the village legal entity |                |

28. On average, how much land does a household own in the village? \_\_\_\_\_

29. What type of agricultural crops grown in your village? (Please list all of the mentioned products)

| Agricultural Crops | Production amount per year (tonnes) |
|--------------------|-------------------------------------|
| Sunflower          |                                     |
| Wheat              |                                     |
| Barley             |                                     |
| Corn               |                                     |
| Oat                |                                     |
| Canola             |                                     |
| Clover             |                                     |
| Melon              |                                     |
|                    |                                     |
|                    |                                     |

30. Did any of the crops given above show any regression regarding production within recent years?

Yes

No

→ 29

30.1. What are the reasons of the regression?

---



---



---

31. How many animals are held in your village?

| Animal     | Number |
|------------|--------|
| Cattle     | 2,000  |
| Sheep/goat | 2,000  |
| Poultry    |        |
| Beehive    | 200    |
| Other      |        |

32. Did animal husbandry show any regression in within recent years?

Yes



No



→ 31

32.1. What are the reasons of the regression?

Increase in expenses and migration of the young population



## INFRASTRUCTURE

33. Is there a water supply network in the village?

Yes

No

33.1. What are your resources and quality for domestic use?

| Water resources for domestic use | Quality of the resource (drinkable/not) |
|----------------------------------|---|
| ISKI                             | Not drinkable                           |
|                                  |   |
|                                  |   |

34. Is there irrigation water?

Yes

No

34.1. If yes, what is the source of the irrigation water?

---

35. Is there a central sewerage system?

Yes

No

36. How are household wastes being disposed in the village?

They are being collected in one place

Burn out

Being collected by waste trucks

Recycled

Buried

Other (please specify) \_\_\_\_\_

37. Do you have any problem regarding waste disposal?

Yes

No

→ 38

37.1. What kind of problems?

---

**38.** What is the quality of the roads which links the village to other settlements?

Qualified asphalt

Qualified stone chips

Unpaved road

Low quality asphalt

Low quality stone chips

Other (please specify) \_\_\_\_\_

**39.** Are the village roads ever blocked in winter/other times due to weather conditions?

Yes

No

→ 40

**40.** What is the approx. percentage of internet usage? 90%

**41.** What is the approx. percentage of people having a mobile phone? 100%

## EDUCATION

42. Are there any illiterate people in the village?

Yes  How many people? No

43. Does the village have a primary school?

Yes  No

44. Does the village have a secondary school?

Yes  No

45. Are some students subject to mobile education?

Yes  No

45.1. Where do the students go for school (village, district, and province)?

CATALCA \_\_\_\_\_

46. Do all the children of 6-15 age groups attend to school?

Yes  → 47 No

46.1. What are the reasons of not attending to school?

They work   
The school is far away   
Because they are girls

Inadequacy of educational opportunities   
High level of expenses   
Other (please specify) \_\_\_\_\_

## HEALTH

47. Which of the below mentioned health services are available in the village?

| Health Service            | Yes | No | Number |
|---------------------------|-----|----|--------|
| Midwife                   |     | √  |        |
| Health house (dispensary) | √   |    | 1      |
| Doctor                    |     | √  |        |
| Nurse                     |     | √  |        |
| Other (please specify)    |     |    |        |

48. What is the distance from the village to the nearest Governmental Hospital? 12 km

49. Does the family physician come to your village regularly if not based in your village?

Yes



No



→ 50

49.1. How often? Once at each week

50. Which of the below mentioned illnesses are occurring commonly, occasionally or rarely/never in the village?

| Illness                      | Common | occasional | rare/none |
|------------------------------|--------|------------|-----------|
| Infectious Disease           |        |            | √         |
| Sexually transmitted disease |        |            | √         |
| Physical disability          |        |            | √         |
| Mental disability            |        |            | √         |
| Malnutrition                 |        |            | √         |
| Pregnancy-related diseases   |        |            | √         |
| Infant death                 |        |            | √         |
| Maternal mortality           |        |            | √         |
| Age-related disease          |        | √          |           |
| Pediatric diseases           |        |            | √         |
| Cancer                       |        |            | √         |
| Other (please specify)       |        |            |           |
| Other (please specify)       |        |            |           |

**50.1.** Why do you believe the above mentioned common illnesses are seen so frequently in the village?

---

---

## SOCIAL INTEGRATION AND HARMONY

51. Has there been any conflict or tension *within the village* over the following issues during the past 12 months?

| Issues  | Yes | No |
|---|-----|----|
| Natural resources (e.g. water, energy, raw materials) |     | √  |
| Land  | √   |    |
| Pasture land  | √   |    |
| Employment opportunities and jobs                     |     | √  |
| Conflicts between households                          |     | √  |
| Other (please specify)                                |     |    |
| Other (please specify)                                |     |    |

52. Has there been any conflict or tension with the *neighbouring villages* during the past 12 months?

Yes

No

→ 53

52.1. What was / were the reason(s) for the tension(s)/conflict(s)?

Pasture lands have been used for agricultural activities \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Road crossing problem with Turkish Highways due to Project change. \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

52.2. How do these disputes get resolved?

With the help of local authorities

Through the mediation of village headmen and elders

Through village meetings

By the initiatives of the people involved

Other (please specify) \_\_\_\_\_

52.3. Are there conflicts between “old” village members and any “newcomer” to the village (if any)?

Yes

No

No Newcomers

## THE VILLAGE

53. Which of the below mentioned services exist in the village and how do you assess the efficiency/adequacy of these services?  
(PLEASE MENTION: *VERY GOOD, GOOD, BARELY ACCEPTABLE, POOR, VERY POOR*)

| Service  | Yes | No | Assessment |      |                   |      |           |
|--|-----|----|------------|------|-------------------|------|-----------|
|  |     |    | Very Good  | Good | Barely Acceptable | Poor | Very Poor |
| Coffeehouse  | √   |    | √          |      |                   |      |           |
| Market   | √   |    | √          |      |                   |      |           |
| Grocery  | √   |    |            | √    |                   |      |           |
| Post office (PTT)  |     |    |            |      |                   |      |           |
| Library  |     |    |            |      |                   |      |           |
| Office of the Muhtar                                     | √   |    |            | √    |                   |      |           |
| Bank/ATM   |     |    |            |      |                   |      |           |
| Gendarmerie Station                                      |     |    |            |      |                   |      |           |
| Transportation Services                                  | √   |    |            |      | √                 |      |           |
| Agricultural Services<br>(agricultural cooperative etc.) |     |    |            |      |                   |      |           |
| Sports services  |     |    |            |      |                   |      |           |
| Health services  | √   |    |            |      |                   | √    |           |
| Educational services (primary<br>and secondary school)   | √   |    |            |      | √                 |      |           |
| Orköy  |     |    |            |      |                   |      |           |
| Other (please specify)                                   |     |    |            |      |                   |      |           |

54. In your opinion, what are the current/recent problems of the village? Can you please rank these? (Please specify: )

| Issue  | Critical/severe | Moderate | Minor |
|--|-----------------|----------|-------|
| Unemployment   |                 | √        |       |
| Low income   |                 | √        |       |
| Decline of agricultural production                                 |                 | √        |       |
| Degradation of product   |                 |          | √     |
| Decline of income obtained from the trade of agricultural products |                 | √        |       |
| Rough roads within the village                                     | √               |          |       |
| Rough roads and transportation difficulties to other villages      | √               |          |       |
| Difficulties to access the land                                    | √               |          |       |
| Difficulty to access the water resource                            |                 |          | √     |
| Agriculture/ irrigation  |                 |          | √     |
| Insufficient water resources                                       |                 |          | √     |
| Insufficient sewage system   | √               |          |       |
| Insufficient energy resources                                      |                 | √        |       |
| Insufficient accommodation   |                 |          | √     |
| Insufficient heating   |                 |          | √     |
| Insufficient educational opportunities                             |                 | √        |       |
| Insufficient health services                                       | √               |          |       |
| Insufficient child care services                                   | √               |          |       |
| Innutrition  |                 | √        |       |
| Uncollected wastes   |                 |          | √     |
| Insufficient communication services                                |                 |          | √     |

|  |   |  |   |
|--|---|--|---|
| Security and safety                        |   |  | √ |
| Lack of recreation and cultural facilities | √ |  |   |
| Rise of prices                             | √ |  |   |
| Other (please specify) _____               |   |  |   |



## CULTURAL/ ECOLOGICAL ENVIRONMENT

**55.** Are there any cultural/regional region/assets (sacred places or trees, graveyards, mosque etc.) in or near your village?

Yes

No

→ 56

**55.1.** What are these assets and where are they?

*(PLEASE ADDRESS THE LOCATION OF THE ASSET/REGION ACCORDING TO THE LOCATION, DISTANCE AND DIRECTION OF THE VILLAGE)*

| Culturally/Regionally Important Asset/Region |                     | Location |  |
|--|---------------------|----------|--|
| 1.   | Mosque              | 1.       |  |
| 2.   | 2 Shrines           | 2.       |  |
| 3.   | Cemetery            | 3.       |  |
| 4.   | Historical Bridge   | 4.       |  |
| 5.   | 2 Historical masjid | 5.       |  |

**56.** Are there any registered protected areas in and/or near your village?

Yes

No

**56.1.** What and where are these protected areas?

*(PLEASE ADDRESS THE LOCATION OF THE ASSET/REGION ACCORDING TO THE LOCATION, DISTANCE AND DIRECTION OF THE VILLAGE)*

| Protected Area |  | Location |  |
|----------------|--|----------|--|
| 1.             |  | 1.       |  |
| 2.             |  | 2.       |  |
| 3.             |  | 3.       |  |
| 4.             |  | 4.       |  |
| 5.             |  | 5.       |  |

**57.** Are there any recreational activities in your village? ((e.g., swimming, fishing, hiking, bird watching etc)

Yes

No

If yes, describe which ones and where

**58.** Are there freshwater sources in your village?

Yes

No

## OTHER FEEDBACK FROM MUHTAR

- They have land access problems due to Northern Marmara Motorway Project which has not been solved yet.
- The overpass constructed as a part of Northern Marmara Motorway Project (near Yaglik Tohum Trakya Birlik Kooperatifi) was narrow and caused traffic accidents. Heavy vehicles cannot make any turns.
- The conditions of the roads inside the village is very poor.
- The wastewater treatment plant of the sewage system is broken which is a big problem for the village.