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 (DAY/MOUNTH) INTERVIEWER NAME-SURNAME RESULT (*)	____ ____ _____ _	____ ____ _____ _	____ ____ _____ _
DAY-MOUNT NEXT VISITTIME	____ ____ ____ ____	____ ____ ____ ____	

(*) 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 ☐	RESPONDENT DOES NOT AGREED TO BE INTERVIEWED ☐

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	■	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? 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? Very few 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 of 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: ARNAVUTKOY

VILLAGE: OMERLI

DISTANCE TO NEAREST PROVINCE CENTER: _____ km

DISTANCE TO NEAREST DISTRICT CENTER: _____ km

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

(*) 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 ☐	RESPONDENT DOES NOT AGREED TO BE INTERVIEWED ☐

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 ☐ 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)?

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 governence

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	☐	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? 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 of 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 (DAY/MOUNTH) INTERVIEWER NAME-SURNAME RESULT (*)	____ ____ _____ _	____ ____ _____ _	____ ____ _____ _
DAY-MOUNT NEXT VISITTIME	____ ____ ____ ____	____ ____ ____ ____	

(*) 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 ☐	RESPONDENT DOES NOT AGREED TO BE INTERVIEWED ☐

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 ☐ 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)?

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?

Animal	Number
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 ☐
Being collected by waste trucks ☐
Buried ☐
Burn out ☐
Recycled ■
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? 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 ☐

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		√	
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 of 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 (DAY/MOUNTH) INTERVIEWER NAME-SURNAME RESULT (*)	____ ____ _____ _	____ ____ _____ _	____ ____ _____ _
DAY-MOUNT NEXT VISITTIME	____ ____ ____ ____	____ ____ ____ ____	

(*) 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 ☐	RESPONDENT DOES NOT AGREED TO BE INTERVIEWED ☐

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 ☐ 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 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.

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)			

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

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	☐	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? 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 of 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: AVCILAR

VILLAGE: TAHTAKALE

DISTANCE TO NEAREST PROVINCE CENTER: _____ km

DISTANCE TO NEAREST DISTRICT CENTER: _____ km

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

(*) 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 ☐	RESPONDENT DOES NOT AGREED TO BE INTERVIEWED ☐

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 ■ 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)?
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? No ☐

500

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 of 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.		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 (DAY/MOUNTH) INTERVIEWER NAME-SURNAME RESULT (*)	____ ____ _____ _	____ ____ _____ _	____ ____ _____ _
DAY-MOUNT NEXT VISITTIME	____ ____ ____ ____	____ ____ ____ ____	

(*) 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 ☐	RESPONDENT DOES NOT AGREED TO BE INTERVIEWED ☐

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 ☐ 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 ■ 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	■	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? 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 ■ How many people? Very few 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 of 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 (DAY/MOUNTH) INTERVIEWER NAME-SURNAME RESULT (*)	____ ____ _____ _	____ ____ _____ _	____ ____ _____ _
DAY-MOUNT NEXT VISITTIME	____ ____ ____ ____	____ ____ ____ ____	

(*) 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 ☐	RESPONDENT DOES NOT AGREED TO BE INTERVIEWED ☐

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 1000 ■ → 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? 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?

Animal	Number
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 □
Being collected by waste trucks □
Buried □
Burn out □
Recycled ■
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? 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 ☐
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 ? 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 of 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.	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 (DAY/MOUNTH) INTERVIEWER NAME-SURNAME RESULT (*)	____ ____ _____ _	____ ____ _____ _	____ ____ _____ _
DAY-MOUNT NEXT VISITTIME	____ ____ ____ ____	____ ____ ____ ____	

(*) 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 ☐	RESPONDENT DOES NOT AGREED TO BE INTERVIEWED ☐

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 ☐ 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 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? No ☐
100

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?

Animal	Number
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	■	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? 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 ☐
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? _____

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 of 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 (DAY/MOUNTH)	____ ____	____ ____	____ ____
INTERVIEWER NAME-SURNAME	_____	_____	_____
RESULT (*)	_	_	_
DAY-MOUNT NEXT VISITTIME	____ ____ ____ ____	____ ____ ____ ____	

(*) 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 ☐	RESPONDENT DOES NOT AGREED TO BE INTERVIEWED ☐

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 ☐ 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 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

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?

Animal	Number
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?

SAZLI~~DERE 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	■	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? 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 of 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.		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 (DAY/MOUNTH) INTERVIEWER NAME-SURNAME RESULT (*)	____ ____ _____ _	____ ____ _____ _	____ ____ _____ _
DAY-MOUNT NEXT VISITTIME	____ ____ ____ ____	____ ____ ____ ____	

(*) 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 ☐	RESPONDENT DOES NOT AGREED TO BE INTERVIEWED ☐

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 ☐ 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 ■ Few number of Foreigners 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	■	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? 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 of 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.	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 (DAY/MOUNTH) INTERVIEWER NAME-SURNAME RESULT (*)	____ ____ _____ _	____ ____ _____ _	____ ____ _____ _
DAY-MOUNT NEXT VISITTIME	____ ____ ____ ____	____ ____ ____ ____	

(*) 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 ☐	RESPONDENT DOES NOT AGREED TO BE INTERVIEWED ☐

Signature of the interviewer:.....

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

POPULATION AND DEMOGRAPHIC PROFILE

1. What is the estimated population of the village? **500**

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 ☐ 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 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?

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	☐	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? 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	□	Inadequacy of educational opportunities	□
The school is far away	□	High level of expenses	■
Because they are girls	□	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 of 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.	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 (DAY/MOUNTH) INTERVIEWER NAME-SURNAME RESULT (*)	____ ____ _____ _	____ ____ _____ _	____ ____ _____ _
DAY-MOUNT NEXT VISITTIME	____ ____ ____ ____	____ ____ ____ ____	

(*) 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 ☐	RESPONDENT DOES NOT AGREED TO BE INTERVIEWED ☐

Signature of the interviewer:.....

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

POPULATION AND DEMOGRAPHIC PROFILE

1. What is the estimated population of the village? **1100**

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? No ☐

5

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	■	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? 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 of 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 agric~~ultural activities~~

Road crossing problem with Turkish High~~ways 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 (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.	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.