

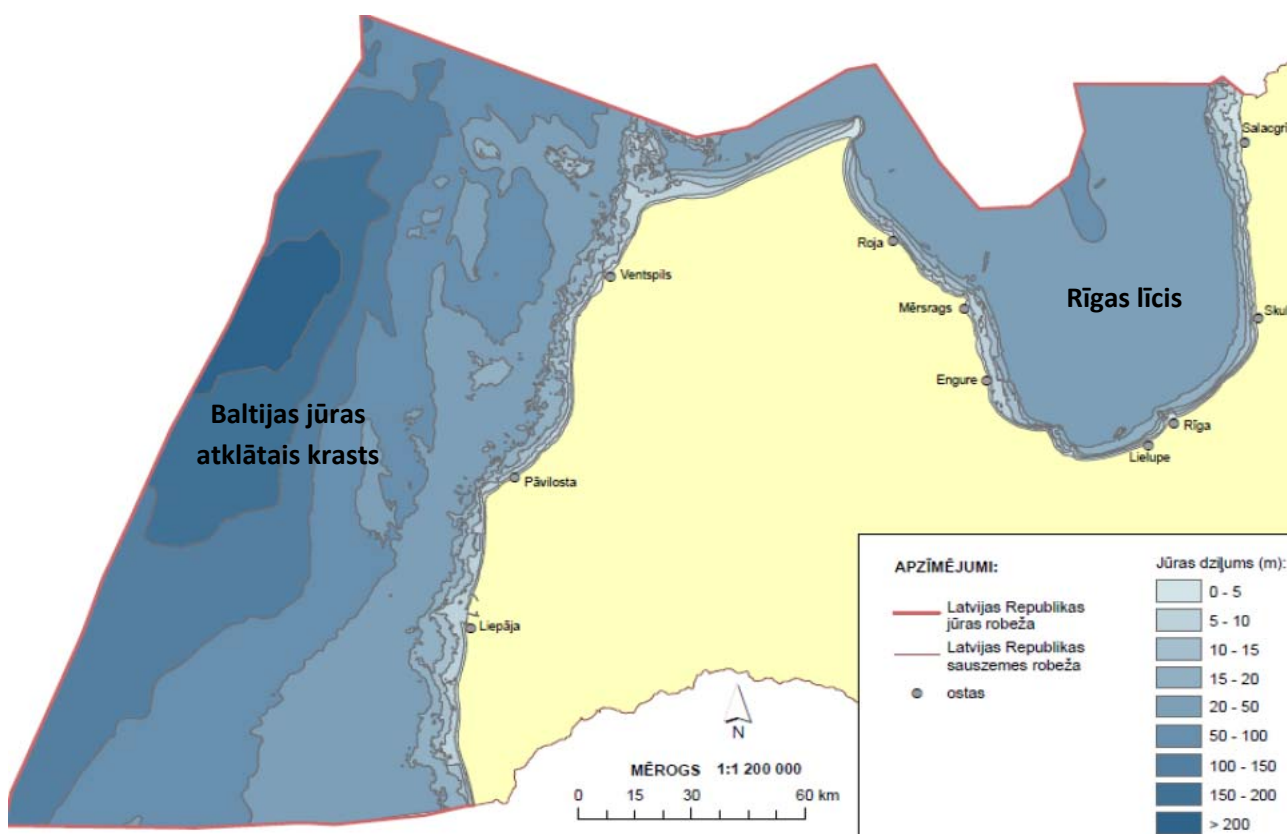
QUESTIONNAIRE OF THE SURVEY ON ATTITUDES OF THE SOCIETY TO ENVIRONMENTAL QUALITY OF THE LATVIAN MARINE WATERS

Good morning/...!

I'm representing a survey company "...". We are conducting a survey to learn about connection of the Latvian inhabitants to the Baltic Sea and attitude towards its environmental quality. Your answers will help for developing action program to preserve and improve the quality of the sea correspondingly to the inhabitants' opinion. You do not need special knowledge about the sea and its water quality.

The interview would take around 30 minutes. The survey is anonymous and the answers will be used only for the purpose of this study. Would you agree to answer on questions of the survey?

This map shows the marine waters of Latvia (the blue area). They include both the Gulf of Riga and the open coast of the Baltic Sea. This area will be thought further in the questionnaire when mentioning the "Latvian marine waters".



SPENDING LEISURE TIME AT THE SEA

In what follows we would like to learn about your leisure activities in relation to the Latvian marine waters.

1. Have you ever visited the Latvian sea coast to spend leisure time here?

- ☐ Yes, in the last 12 months
- ☐ Yes, in the last 5 years but not in the last 12 months → **GO TO THE QUESTION No 13.**
- ☐ Yes, more than 5 years ago → **GO TO THE QUESTION No 13.**
- ☐ No → **GO TO THE QUESTION No 13.**

2. How many times did you visit the Latvian sea coast in the last 12 months to spend leisure time here?

[THE NUMBER OF VISITS/TRIPS IS THOUGHT HERE, A VISIT IS ACCOUNTED ALSO IF A RESPONDENT SPENT AT THE SEA PART OF THE DAY.]

Around _____ times in the last 12 months.

3. In which activities and how often did you usually take part on your leisure visits at the sea? Please, estimate how often you took part in each specific activity from all your visits at the sea in the last 12 months. Please circle corresponding number in the given scale, where 0 = I didn't take part in this activity, 5 = I took part in this activity on half of my visits at the sea, 10 = I took part in this activity on all my leisure visits at the sea.

<input type="radio"/> Swimming (in the sea)	Didn't take part	0	1	2	3	4	5	6	7	8	9	10	Took part always
<input type="radio"/> Being at the beach or seashore for walking, sunbathing, picnicking	Didn't take part	0	1	2	3	4	5	6	7	8	9	10	Took part always
<input type="radio"/> Angling	Didn't take part	0	1	2	3	4	5	6	7	8	9	10	Took part always
<input type="radio"/> Boating	Didn't take part	0	1	2	3	4	5	6	7	8	9	10	Took part always
<input type="radio"/> Water sports (e.g. diving, wind surfing, water skiing)	Didn't take part	0	1	2	3	4	5	6	7	8	9	10	Took part always
<input type="radio"/> Going on a cruise	Didn't take part	0	1	2	3	4	5	6	7	8	9	10	Took part always
<input type="radio"/> Other (please specify): _____	Didn't take part	0	1	2	3	4	5	6	7	8	9	10	Took part always

The following questions will be asked concerning the majority of your leisure visits to the sea. *[E.G. MORE THAN 2/3 OF THE LEISURE VISITS.]*

4. How often did you visit each of the Latvian seacoasts? Please circle corresponding number in the given scale, where 0 = all my visits were to the Gulf of Riga seacoast, 5 = half of my visits were to the Gulf of Riga seacoast, half to the open coast of the Baltic sea, 10 = all my visits were to the open coast of the Baltic Sea.

All to the Gulf of Riga

All to the open coast of Baltic Sea

0 1 2 3 4 5 6 7 8 9 10

5. How often the leisure at the sea was the only purpose of your visits? Please circle corresponding number in the given scale, where 0 = leisure at the sea never was the only purpose of my visits to the sea (I always had other purposes also), 5 = leisure at the sea was the only purpose in half of my visits to the sea, 10 = leisure at the sea was the only purpose of all my visits to the sea.

In none visit

In all visits

0 1 2 3 4 5 6 7 8 9 10

The following questions will be asked concerning your last leisure visit to the sea.

6. Which Latvian sea coast you visited the last time, when you visited the sea?

- ☐ The Gulf of Riga coast ☐ The open coast of Baltic Sea

7. How did you get to the seacoast? [MORE THAN ONE ANSWER POSSIBLE]

- ☐ By walking or bicycle → GO TO THE QUESTION 9.
☐ By train → GO TO THE QUESTION 9.
☐ By local public transport → GO TO THE QUESTION 9.
☐ By coach → GO TO THE QUESTION 9.
☐ By car or motorcycle
☐ Other → GO TO THE QUESTION 9

8. How many other adults were travelling with you (do not accounting yourself and children / youth below 18 years)? _____ people.

9. What was the distance to get to the seacoast? Around _____ km.

10. About how long time you spent for travelling (one way) to the place you visited?

Around _____ : _____ hour(s) : minutes.

IF LESS THAN HOUR WAS SPENT AT THE TRAVELLING, SPECIFY APPROXIMAT MINUTES, FOR INSTANCE, „00:20”, if 20 minutes.

11. Would you like it took less time from you to get to the seacoast?

- ☐ Yes ☐ No ☐ Hard to say

12. How much time did you spend for leisure at the sea?

- ☐ Till one day (without overnight stay) → GO TO THE QUESTION 12.1
☐ More than one day, with overnight stay → GO TO THE QUESTION 12.2

12.1. Please specify around number of hours you spent for leisure at the sea! _____ (hours) → GO TO THE QUESTION 13.

12.2. Please specify the number of your overnight stays! _____ (night(s))

13. To what extent you agree to the following statements?

	I fully agree	I rather agree	I neither agree nor disagree	I rather disagree	I fully disagree	Don't know
1. Quality of the Latvian marine waters now is worse than 10 years ago.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Current quality of the Latvian marine waters limits my leisure possibilities.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. I had visited the Latvian marine waters for leisure more often is the water quality become better than it is now.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

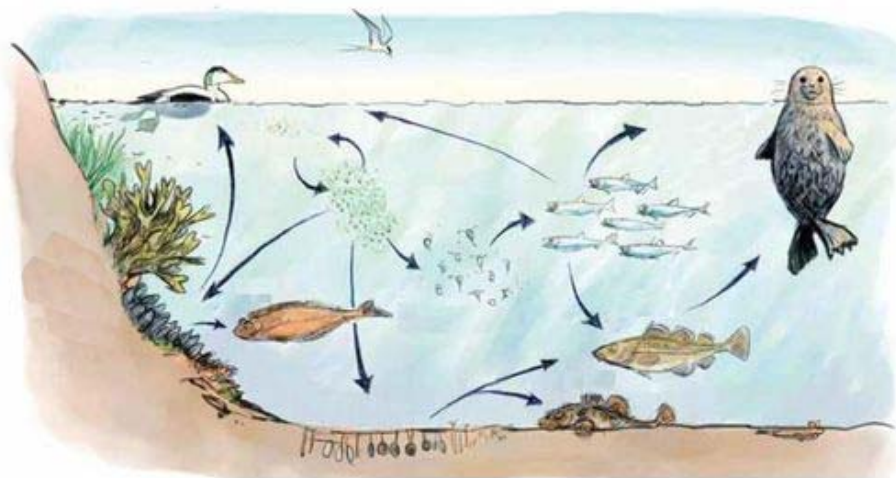
ENVIRONMENTAL PROBLEMS OF THE LATVIAN MARINE WATERS

Various environmental problems characterise the Latvian marine waters. Marine scientists have defined three the most important problems that currently and also in the future will cause the most significant negative impact on the marine environment and its use if no additional action are taken for improving the situation. These problems are: (1) decline of natural species' variety, (2) reduced water quality for sea-related recreation and (3) negative impact of establishing of alien species.

In what follows each problem will be characterised. Afterwards in the questionnaire we will ask your opinion about improving state of the marine environment quality, thus it is very important that you read the following information.

1) Decline of native species' variety

Variety of marine plant and animal species ensures existence of the marine ecosystem and its capability to deal with undesirable, including human caused, changes. Many species are also important in human life, e.g. food, recreation (angling, bird watching) or industry.



Latvian marine scientists have assessed that currently the number of species is declined in more than 30 % of the Latvian marine areas where they should be present. In good environmental state each species occurs in all areas naturally suitable for specific species. Human created pollution, physical impact on plants and animals, for instance, from constructions on the seashore and in the sea, from bottom soil extraction works, from fishing with trawls, reduce the natural areas suitable for species feeding, reproduction and living. Hence species disappear from such areas.

This decline of species affects negatively the marine environment and opportunities for human use. For instance, there is decline in stocks of some fish species for angling and fisheries, which it is source of income and work places. The marine ecosystem's capacity to secure oxygen production, "recycling" of human created pollution and other important "services" for humans decreases. The marine flora and fauna we will pass on next generation becomes poorer.

14. Have you heard prior to this survey about the problem of declining native species' variety in the Latvian marine waters?

☐ Yes ☐ No ☐ Don't know / hard to say

15. To what extent you personally view the mentioned as a problem in the Latvian marine waters?

A very big problem	Rather big problem	Neither big nor small problem	Rather small problem	Not a problem	Hard to say
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2) Reduced water quality for recreation at the sea

Latvian inhabitants and tourists use the seacoast for sunbathing, swimming, various water sports' activities or just for walking along the coast.

Various human activities increases amounts of nutrients (phosphorus and nitrogen) entering the sea, for instance, from fertilizer use in agriculture, wastewaters of households and industries, ships' air emissions and from other sources. It causes water quality problems for recreation at the sea, in particular:

- Reduces visual quality of water

Because of increased amount of nutrients, small size algae are more abundant in water. As a result it becomes turbid and water transparency decreases. Currently the coastal water is unclear every summer – in the Gulf of Riga in average it is transparent less than 3 m and in the open coast of the Baltic Sea – less than 4 m. In good environmental state the sea bottom could be seen in summers in at least 4 m depth in the Gulf of Riga and 4.5 m in the Baltic Sea on average.

- Large amounts of algae washed ashore

Increased amount of nutrients also cause accelerated growth of specific kinds of algae on the sea bottom, which hold on the bottom less strongly. In windy weather they get stripped away and washed ashore by waves. They accumulate ashore and create rotting mass with unpleasant smell. Currently this happens in large amounts every summer. In good environmental state there would be practically no such algae in the sea. After large storms only rare other kind of algae would be washed ashore.

Algae on the Latvian sea coast



the current situation



good environmental state

16. Have you heard prior to this survey about the reduced water quality for recreation at the sea in the Latvian seacoast?

- ☐ Yes ☐ No ☐ Don't know / hard to say

17. To what extent you personally view the mentioned as a problem in the Latvian marine waters?

A very big problem	Rather big problem	Neither big nor small problem	Rather small problem	Not a problem	Hard to say
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>




3) Negative impact of establishing of alien species

Alien species are species which have not been observed in the Latvian marine waters before and have arrived from other seas of the world. They occupy feeding, reproduction and living grounds of the native species. Their negative impact may concern also humans. It is unpredictable in advance what species could come in and what could be their impact on marine environment and humans.

Alien species are established by human activities. Most often they arrive with ships' ballast waters or by getting out incidentally from artificial species farms in the sea. 11 new alien species have established in the Latvian marine waters just within the last 20 years.

There are alien species that do not cause damage. However, studies show that some species cause significant damage to the marine environment and its use – they are called as harmful alien species.

Examples of harmful alien species established in the Latvian marine waters.

Harmful alien species		Impact
Round goby Subsists on mussel, which is also the main feed for plaice.		Eat up the feed of plaice and banish plaice from its living areas. Plaice is an important species for coastal fisheries and angling. Plaice catch is declining in some coastal areas.
Chinese mitten crab Subsists on bottom animals, but also on fish in fishermen's nets.		Use to clinch in fishing nets causing inconveniences to fishermen, damaging their nets and haul (by eating up, gnawing fish). May transport parasites. Then eating them harm human health. In other seas these crabs are infected with parasite harmful for human health. Although, in the crabs common in Europe and the Baltic Sea this parasite is not found.
Bay barnacle Resides on any hard substrates – sea bottom stones, ship hulls etc.		Ship hulls get overgrown by them, and this reduces ships' speed and increases fuel usage. Thus the ship hulls are cleaned regularly, and these are additional costs. Since they reside also on the sea bottom and seashore stones, their thick lime shell can hurt while walking along the seashore and swimming.

18. Have you heard prior to this survey about the problem of establishment and negative impacts of alien species in the Latvian marine waters?

☐ Yes ☐ No ☐ Don't know / hard to say

19. To what extent you personally view the mentioned as a problem in the Latvian marine waters?

A very big problem	Rather big problem	Neither big nor small problem	Rather small problem	Not a problem	Hard to say
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

ACTIONS FOR IMPROVING THE STATE OF THE LATVIAN MARINE ENVIRONMENT

It is possible to implement various actions aimed at reducing the described marine environmental problems. They can be implemented by households and companies, which cause the mentioned problems (for instance, by sea transport, agricultural, industrial companies). Various actions are already implemented in Latvia and other Baltic Sea countries. However they are not sufficient to ensure good marine environmental state.

In what follows states concerning each mentioned marine environment problem will be characterised that can be achieved depending on the actions implemented.

(1) Changes that could be achieved concerning the **decline of native species' variety** (depending on the implemented actions):

Reduced number of native species reduction % of their natural areas (“natural areas” are areas where these species naturally should be present)	(on) large areas (the state if no additional action is taken) 30 %	(on) small areas 10-20 %	no such areas 0 % (species are present in all their natural areas)
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20. How important it is for you personally that the situation concerning decline of native species variety would be improved?

Very important	Quite important	Neither important nor unimportant	Quite unimportant	Fully unimportant
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

(2) Changes that could be achieved concerning **water quality for recreation at the sea** (depending on the implemented actions):

Water quality for recreation (in coastal waters in summers)	bad (the state if no additional action is taken)	moderate	good
visual quality	Water is unclean every summer. It can be seen through less than 3 m in the Gulf of Riga and 4 m in the Baltic Sea (on average).	Water is unclean every 2-3 rd summer. It can be seen through at least 3 m in the Gulf of Riga and 4 m in the Baltic Sea (on average).	Water is mainly clean (unclean in rare summers). It can be seen through at least 4 m in the Gulf of Riga and 4.5 m in the Baltic Sea (on average).
algae washed ashore	Every summer in large amounts.	Every 2-3 rd summer in small amounts.	Only after large storms.

21. How important it is for you personally that the situation concerning reduced water quality for recreation at the sea would be improved?

Very important	Quite important	Neither important nor unimportant	Quite unimportant	Fully unimportant
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

(3)Changes that could be achieved concerning **establishing of new harmful alien species** (depending on the implemented actions):

New harmful alien species' establishing 1 new species on average	often (the state if no additional action is taken) (in) 5 years	rarely (in) 15-20 years	in exceptional cases not more often as (in) 50 years
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22. How important it is for you personally that the situation concerning negative impacts of establishing of alien species would be improved?

Very important	Quite important	Neither important nor unimportant	Quite unimportant	Fully unimportant
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Various actions can be implemented and with different intensity levels, what would give different improvements in the described marine environmental problems. In this survey we would like to know what do **you** think is the most important. It will help to build the action program according to the opinion of Latvian society, given possible costs.

The actions would be implemented by 2020. Similar actions will be implemented in all countries around the Baltic Sea because it is provided by international agreements.

Additional actions for improving the environmental state will create additional costs. Thus additional funding is necessary for their implementation. **The prepared action program would be funded by collecting special "Baltic Sea payment" from inhabitants and companies**, which would be introduced in all Baltic Sea countries.

- The payment would be mandatory and proportionate to damage to the marine environment.
- It would be a yearly payment to be paid for unlimited time, since the implemented measures will need to be maintained.
- Collected money would be used only for improving the marine environmental state according to objectives of the program.

23. Would you personally be willing to pay anything to improve the Latvian marine environment quality concerning the described problems?

When you answer, please remember that:

- The "Baltic Sea payment" would leave you with less money to spend on other needs and purposes.
- The action program would provide improvements only concerning the described problems of the Latvian marine waters.

<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Not sure / Hard to say
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For INTERNET interviews	➔ GO TO NEXT SECTION	➔ GOT TO QUESTION 36.1.	➔ GO TO NEXT SECTION
For FTF interviews	➔ GO TO NEXT SECTION	➔ GO TO NEXT SECTION	➔ GO TO NEXT SECTION

CHOICE OF ACTION PROGRAMS

In what follows several possible situations with various changes in marine environmental state and costs will be offered to you. The changes in each marine environment problem can be achieved independently, depending on the implemented actions.

In each situation you will be asked to choose one of three options. **Please select only one option in each situation that is the most preferable to you**, considering also its costs.

One option will always be „No additional actions” with no additional costs. If you don’t want to pay, are not sure about it or don’t know which option to choose, please select this option. If you had chosen this option in all situations, you afterwards will have an opportunity to explain reason for such choice.

When giving your answers, please consider each situation separately – each is separate possible situation in which you are asked to make your choice!

24. Choice task No 1. Please choose one option that is the most preferable for you.

	Program A	Program B	No additional actions
Reduced number of native species	No such areas	(on) Small areas	(on) Large areas
Water quality for recreation	Bad	Good	Bad
New harmful alien species’ establishing	Rarely	In exceptional cases	Often
Your yearly payment	5 Ls	2 Ls	0 Ls
Your choice:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Instruction for completing the choice task [\[link\]](#). Information about the quality levels [\[link\]](#). Information about the marine environment problems [\[link\]](#).

25. Choice task No 2. Please choose one option that is the most preferable for you.

	Program A	Program B	No additional actions
Reduced number of native species	(on) Small areas	No such areas	(on) Large areas
Water quality for recreation	Moderate	Good	Bad
New harmful alien species’ establishing	Rarely	Often	Often
Your yearly payment	5 Ls	5 Ls	0 Ls
Your choice:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Instruction for completing the choice task [\[link\]](#). Information about the quality levels [\[link\]](#). Information about the marine environment problems [\[link\]](#).

26. Choice task No 3. Please choose one option that is the most preferable for you.

	Program A	Program B	No additional actions
Reduced number of native species	(on) Large areas	(on) Small areas	(on) Large areas
Water quality for recreation	Moderate	Bad	Bad
New harmful alien species' establishing	In exceptional cases	Rarely	Often
Your yearly payment	5 Ls	5 Ls	0 Ls
Your choice:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Instruction for completing the choice task [\[link\]](#). Information about the quality levels [\[link\]](#). Information about the marine environment problems [\[link\]](#).

27. Choice task No 4. Please choose one option that is the most preferable for you.

	Program A	Program B	No additional actions
Reduced number of native species	No such areas	(on) Large areas	(on) Large areas
Water quality for recreation	Bad	Good	Bad
New harmful alien species' establishing	In exceptional cases	Rarely	Often
Your yearly payment	2 Ls	2 Ls	0 Ls
Your choice:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Instruction for completing the choice task [\[link\]](#). Information about the quality levels [\[link\]](#). Information about the marine environment problems [\[link\]](#).

28. Choice task No 5. Please choose one option that is the most preferable for you.

	Program A	Program B	No additional actions
Reduced number of native species	(on) Small areas	No such areas	(on) Large areas
Water quality for recreation	Bad	Moderate	Bad
New harmful alien species' establishing	In exceptional cases	Often	Often
Your yearly payment	2 Ls	10 Ls	0 Ls
Your choice:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Instruction for completing the choice task [\[link\]](#). Information about the quality levels [\[link\]](#). Information about the marine environment problems [\[link\]](#).

29. Choice task No 6. Please choose one option that is the most preferable for you.

	Program A	Program B	No additional actions
Reduced number of native species	No such areas	(on) Large areas	(on) Large areas
Water quality for recreation	Bad	Moderate	Bad
New harmful alien species' establishing	Often	Rarely	Often
Your yearly payment	2 Ls	5 Ls	0 Ls
Your choice:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Instruction for completing the choice task [\[link\]](#). Information about the quality levels [\[link\]](#). Information about the marine environment problems [\[link\]](#).

30. Choice task No 7. Please choose one option that is the most preferable for you.

	Program A	Program B	No additional actions
Reduced number of native species	No such areas	(on) Large areas	(on) Large areas
Water quality for recreation	Good	Bad	Bad
New harmful alien species' establishing	Rarely	In exceptional cases	Often
Your yearly payment	10 Ls	10 Ls	0 Ls
Your choice:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Instruction for completing the choice task [\[link\]](#). Information about the quality levels [\[link\]](#). Information about the marine environment problems [\[link\]](#).

31. Choice task No 8. Please choose one option that is the most preferable for you.

	Program A	Program B	No additional actions
Reduced number of native species	(on) Small areas	No such areas	(on) Large areas
Water quality for recreation	Good	Moderate	Bad
New harmful alien species' establishing	Often	In exceptional cases	Often
Your yearly payment	10 Ls	2 Ls	0 Ls
Your choice:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Instruction for completing the choice task [\[link\]](#). Information about the quality levels [\[link\]](#). Information about the marine environment problems [\[link\]](#).

32. Choice task No 9. Please choose one option that is the most preferable for you.

	Program A	Program B	No additional actions
Reduced number of native species	(on) Large areas	No such areas	(on) Large areas
Water quality for recreation	Moderate	Good	Bad
New harmful alien species' establishing	Often	In exceptional cases	Often
Your yearly payment	2 Ls	10 Ls	0 Ls
Your choice:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Instruction for completing the choice task [\[link\]](#). Information about the quality levels [\[link\]](#). Information about the marine environment problems [\[link\]](#).

33. Choice task No 10. Please choose one option that is the most preferable for you.

	Program A	Program B	No additional actions
Reduced number of native species	(on) Small areas	(on) Large areas	(on) Large areas
Water quality for recreation	Moderate	Bad	Bad
New harmful alien species' establishing	Often	Often	Often
Your yearly payment	10 Ls	5 Ls	0 Ls
Your choice:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Instruction for completing the choice task [\[link\]](#). Information about the quality levels [\[link\]](#). Information about the marine environment problems [\[link\]](#).

34. Choice task No 11. Please choose one option that is the most preferable for you.

	Program A	Program B	No additional actions
Reduced number of native species	(on) Large areas	(on) Small areas	(on) Large areas
Water quality for recreation	Good	Moderate	Bad
New harmful alien species' establishing	Rarely	Often	Often
Your yearly payment	5 Ls	2 Ls	0 Ls
Your choice:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Instruction for completing the choice task [\[link\]](#). Information about the quality levels [\[link\]](#). Information about the marine environment problems [\[link\]](#).

35. Choice task No 12. Please choose one option that is the most preferable for you.

	Program A	Program B	No additional actions
Reduced number of native species	(on) Large areas	(on) Small areas	(on) Large areas
Water quality for recreation	Good	Bad	Bad
New harmful alien species' establishing	In exceptional cases	Rarely	Often
Your yearly payment	10 Ls	10 Ls	0 Ls
Your choice:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Instruction for completing the choice task [\[link\]](#). Information about the quality levels [\[link\]](#). Information about the marine environment problems [\[link\]](#).

In the further questions we would like to learn about how you made your choices and what affected them.

➔ If a respondent chose the option "No additional actions" in all the tasks, GO TO THE QUESTION 36.2.

➔ If a respondent chose Program A or B in at least one task,

FOR FTF INTERVIEWS:

⇒ If the answer in Q 23 was "No" ➔ GO TO THE QUESTION 36.3.

⇒ If the answer in Q23 was "Yes" or "Not sure / Hard to say" ➔ GO TO THE QUESTION 37.

FOR INTERNET INTERVIEWS:

⇒ GO TO THE QUESTION 37.

36.1. What was the reason that you answered "No"? Please, choose only one – the most important from the following reasons.

- ☐ The current level of the marine environmental quality is satisfactory
- ☐ I can't afford to pay
- ☐ I do not believe a program to improve the marine environmental quality would work
- ☐ I am prepared to pay for improving the marine environmental quality, but not by extra mandatory payment
- ☐ I do not care about state of the Baltic Sea
- ☐ Other problems are more significant
- ☐ I do not believe the money will be used for the purpose
- ☐ Other reason (please specify): _____

GO TO THE QUESTION 40.

36.2. What was the reason that you chose the option “No additional actions” in all the tasks? Please, choose only one – the most important from the following reasons.

- ☐ The current level of the marine environmental quality is satisfactory
- ☐ I can't afford to pay
- ☐ I do not believe a program to improve the marine environmental quality would work
- ☐ I am prepared to pay for improving the marine environmental quality, but not by extra mandatory payment
- ☐ I do not care about state of the Baltic Sea
- ☐ Other problems are more significant
- ☐ I do not believe the money will be used for the purpose
- ☐ Other reason (please specify): _____

GO TO THE QUESTION 40.

[FOR FACE-TO-FACE INTERVIEWS ONLY]

36.3. You said “No” in the question about willingness to pay, but chose Program A or B afterwards. What was the reason that you changed your mind? Please choose only one – the most important from the following reasons.

- ☐ I want the marine environmental quality to improve, but the option “No additional actions” doesn't include improvements
- ☐ Amount of payment in the proposed option(s) was acceptable to me
- ☐ The choice situations allowed me to understand better the improvements in marine environment quality
- ☐ I didn't take into account amount of payment, only improvement in the marine environment quality
- ☐ My initial decision was not thought through
- ☐ I don't think I would have to pay anything anyway
- ☐ I had more time to think
- ☐ I changed my mind
- ☐ Other reason (please specify): _____

37. How important for your choices each of the marine environmental problem and the payment was?

	Very important	Rather important	Neither important nor unimportant	Rather unimportant	Fully unimportant
Reduced number of native species	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Water quality for recreation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
New harmful alien species' establishing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Payment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

38. On which parts of the Latvian marine waters you thought about when making your choice? Please circle corresponding number in the following scale, given that 1 = I had in mind the Gulf of Riga only, 4 = I had in mind equally both the Gulf of Riga and the open coast of the Baltic Sea, 7 = I had in mind only the open coast of the Baltic Sea.

Only Gulf of Riga

Equally on both

Only open coast of Baltic Sea

1

2

3

4

5

6

7

39. To what extent did you think the coastal waters or deep-sea waters when making your choice? **Please circle corresponding number in the following scale**, given that 1 = coastal waters only, 4 = both coastal waters and deep-sea waters equally, 7 = deep-sea waters only.

Coastal waters only			Equally both	Deep-sea waters only		
1	2	3	4	5	6	7

INFORMATION ABOUT YOURSELF

To understand peoples' choices better, we would like to ask you a question that will allow describe how you perceive the world and what kind of person you are. The following table includes a list of personality traits characterising people.

40. To what extent do you agree or disagree the given statements applied to yourself? **Please mark, on your opinion, for each pair of traits in the table the most corresponding to you option.** Please mark the extent to which each pair of traits applies to you, even if one characteristic applies more strongly than the other.

I see myself as ...	Disagree fully	Disagree moderately	Disagree a little	Neither agree nor disagree	Agree a little	Agree moderately	Agree fully
1. extraverted, enthusiastic	1	2	3	4	5	6	7
2. critical, quarrelsome	1	2	3	4	5	6	7
3. dependable, self-disciplined	1	2	3	4	5	6	7
4. anxious, easily upset	1	2	3	4	5	6	7
5. open to new experiences, complex	1	2	3	4	5	6	7
6. reserved, quiet	1	2	3	4	5	6	7
7. sympathetic, warm	1	2	3	4	5	6	7
8. disorganized, careless	1	2	3	4	5	6	7
9. calm, emotionally stable	1	2	3	4	5	6	7
10. conventional, uncreative	1	2	3	4	5	6	7

Further we will ask some questions about you. The information you provide in this survey is completely confidential – this information cannot be connected to you personally. It is very important that you answer on all following questions that we could use your questionnaire in the analysis of results.

41. In what year were you born? _____ [giving 4-digits number]

42. Are you

☐ Male ☐ Female

43. What is your nationality?

☐ Latvian ☐ Other

44. How many people live in your household, including yourself? _____ (number)

45. How many people in your household are under 18 years old? _____ (number)

46. What is your highest completed level of education?

- ☐ Primary school or incomplete compulsory education (up to 8 – 9 classes)
- ☐ Compulsory education (8 – 9 classes)
- ☐ General secondary education (completed high school, gymnasium)
- ☐ Vocational secondary education (completed vocational school, technical college)
- ☐ Higher education (obtained highest academic or professional education (bachelor)), including completed college, master studies, doctoral studies

47. What is your current occupational status? Please choose only one option that best describes your occupational status.

- ☐ Employed full-time
- ☐ Employed part-time
- ☐ Retired
- ☐ Student
- ☐ Home-employed/Homemaker
- ☐ Self-employed
- ☐ Unemployed

48. Do you ever use internet for any needs (for instance, sending and receiving e-mails, searching for information or other needs)?

- ☐ Yes, in the last 7 days
- ☐ Yes, in the last month but not in the last 7 days
- ☐ Yes, more than a month ago
- ☐ No, I don't use internet

49. To which region of Latvia the place of your residence belongs?

- ☐ Rīga
- ☐ Pierīga
- ☐ Vidzeme
- ☐ Kurzeme
- ☐ Zemgale
- ☐ Latgale

50. What is the postal code of area you live in? LV - _____

51. What is your personal income level per month, including all kind of income after taxes? Please include all sources of income including benefits, stipends, pension etc.

Your answer will be fully confidential, but is really necessary for statistical analysis of the survey data.

PLEASE USE THE FOLLOWING SCALE OF INCOME LEVELS FOR PROVIDING YOUR ANSWER.					
Less than 50 LVL	1	201 - 250 LVL	5	401 - 500 LVL	9
51 - 100 LVL	2	251 - 300 LVL	6	More than 500 LVL	10
101 – 150 LVL	3	301 - 350 LVL	7	Respondent didn't want to state the income	11
151 - 200 LVL	4	351 - 400 LVL	8		

52. If you would like to make a comment on the survey or anything else, please do so below?

THANK YOU!