

Name of lead organisation responsible for the reply (including contact details)

Ministry of the Environment in Estonia, Climate and Radiation Department

We encourage involving other stakeholders with whom you work in filling out this self-assessment (e.g. researchers, EPAs, NGOs).

Part I: General statements on adaptation

1. In my country, in the past five years, the level of public awareness of the need for adaptation as a response to climate change has increased

☐ strongly agree ☐ agree ☒ neutral ☐ disagree ☐ strongly disagree ☐ don't know

2. In my country, the need for climate change adaptation has reached the national political agenda

☐ strongly agree ☐ agree ☒ neutral ☐ disagree ☐ strongly disagree ☐ don't know

3. In my country, the following influences have triggered adaptation (Please select three most important triggers)

☒ Extreme weather events

☒ Damage costs

☐ UNFCCC process

☒ EU policies

☐ Adaptation in neighbouring countries

☐ Scientific research

☐ Public pressure

☐ Lobbying from private sector

☐ Forerunner sectors

☐ Media coverage

4. In my country, the willingness to develop policies and to take adaptation actions at national level is

☐ very high ☐ high ☒ medium ☐ low ☐ very low ☐ don't know

5. In my country, in the past five years, there has been an increase in the amount of adaptation-related knowledge (e.g. in relation to vulnerabilities,

adaptation options) generated with the aim of informing policy making

☐ strongly agree ☐ agree ☒ neutral ☐ disagree ☐ strongly disagree ☐ don't know

6. In my country, uncertainties in future projections (e.g. uncertainties regarding climate change) are explicitly addressed in the adaptation policy process

☐ strongly agree ☐ agree ☒ neutral ☐ disagree ☐ strongly disagree ☐ don't know

7. In my country, adaptation objectives are based on an understanding of the impacts, risks and/or vulnerabilities to climate change

☐ strongly agree ☐ agree ☒ neutral ☐ disagree ☐ strongly disagree ☐ don't know

8. In my country, integration of adaptation into sectoral policies and programmes is increasing

☐ strongly agree ☐ agree ☒ neutral ☐ disagree ☐ strongly disagree ☐ don't know

Please provide examples:

Main reason is that the EU level have mainstreamed the adaptation in Common Agricultural Policy (CAP), Cohesion Policy and the Common Fisheries Policy (CFP) and in many EU programmes. EU MS want to use these financing sources and so they also have to integrate the adaptation into the national sectoral programmes.

9. In my country, aspects that are relevant to climate change mitigation are taken into account in the adaptation policy process

☐ strongly agree ☐ agree ☒ neutral ☐ disagree ☐ strongly disagree ☐ don't know

Please provide examples:

no answer

10. In my country, transnational co-operation is considered as an element in our adaptation policy process

☐ strongly agree ☐ agree ☒ neutral ☐ disagree ☐ strongly disagree ☐ don't know

Please provide examples:

no answer

11. In my country, the following barriers for adaptation have been identified (Please select the three most important barriers)

- ☒ Lack of political commitment/will
- ☒ Unclear responsibilities
- ☐ Limited cooperation among stakeholders
- ☒ Lack of (financial, human) resources
- ☐ Uncertainties
- ☐ Lack of knowledge generation
- ☐ Lack of knowledge exchange
- ☐ Lack of data such as socio-economic, climate and other physical data
- ☐ Limited capacity in the policy, practitioner and/or research communities
- ☒ Conflicting values and interests
- ☐ No adequate adaptation options available
- ☐ Legal issues (e.g. conflicting legislations)

Please use the box below to provide any further comments and thoughts related to the questions above or any information that you wish to share with us (e.g. reports, references)

no answer

Part II: The adaptation policy process

12. In what stage of the adaptation policy process is your country in?

- ☐ Adaptation process has not started
- ☐ Agenda setting (i.e. adaptation is politically recognised as important)
- ☒ Formulation (i.e. responsible actors respond by formulating adaptation policies)
- ☐ Decision (i.e. policymakers have adopted an adaptation policy)
- ☐ Implementation (i.e. measures foreseen in the policy are being implemented)
- ☐ Monitoring and evaluation (i.e. review and updates of policy/actions)

Prepare the ground for adaptation

13. How would you assess the mechanism put in place at national level to coordinate the horizontal integration (i.e. integration into sectors) of the adaptation policy process?

☐ very effective ☐ effective ☐ medium effective ☐ less effective ☐ not effective ☒ no mechanism in place ☐ don't know

14. How would you assess the mechanism put in place at national level to coordinate the vertical integration (from national to local level) of the adaptation policy process?

☐ very effective ☐ effective ☐ medium effective ☐ less effective ☐ not effective ☒ no mechanism in place ☐ don't know

15. Please give a short description of the horizontal and vertical coordination of adaptation policy in your country. Please also indicate who has been involved and what mechanism for coordination has been used (please also indicate if these mechanisms have changed in the different stages of the process, e.g. from formulation to implementation).

Horizontal coordination

no answer

Vertical coordination

no answer

What was crucial for successful coordination?

no answer

What was challenging or missing?

no answer

Identify risks and explore options

16. Are risk assessments or vulnerability assessments available for your country?

☒ yes ☐ currently under development ☐ not yet, but planned ☐ no ☐ don't know

If yes: available at

☒ national level ☐ sub-national level ☐ trans-national level

Please provide references to relevant documents, also if available at sub-national or trans-national level (e.g. Länder, provinces, regions, communities, river-basin):

Please insert text and provide references to documents.

The 2011 Review of Emergency Risk Assessment (Estonian version, https://www.siseministeerium.ee/public/HO_RA_2011.pdf) describes, among other high risk emergencies also the risks from windstorms, flooding in high density areas, forest fires, health issues connected with the extremely high or low air temperatures and epidemics, epizootics, large numbers of refugees immigration in the country and accidents due to the formation or deformation of ice-cover. At least once in every two years, the value of emergency risk assessment is revisited. Under the Ministry of Agriculture there has done the sector-based assessment and developed the The Climate Change Mitigation and Adaptation Development Plan 2012-2020 in the agricultural sector (in Estonian: <http://www.agri.ee/public/juurkataloog/ARENDUSTEGEVUS/kliimamuutused-tegevuskava-2012-2020.pdf>). Adaptation as a topic has added to the Nature Conservation Development Plan up to 2020, Estonian Forest Development Plan until 2020 and the Development Plan for Ministry of the Environment 2012-2015.

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ho_ra_2011.pdf (/sanap/self-assessment/static/files/ho_ra_2011.pdf)
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ho_ra_2011_2.pdf (/sanap/self-assessment/static/files/ho_ra_2011_2.pdf)

17. In relation to the risk and vulnerability assessment available at national level, which of the following sectors have been covered?

Coverage / Sectors	Covered in the national assessment	Covered in sector-based assessment led by ministries in charge of this sector	Covered in sector-based assessment led by private sector or industry groups
Agriculture	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Forestry	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Biodiversity	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Human health	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Marine and fisheries	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Coastal areas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mountain areas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tourism	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transport	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Energy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Built environment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spatial planning, urban planning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Disaster risk reduction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Civil protection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Industry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Business and services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Financial/Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cultural heritage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cross-sectoral impacts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

18. In relation to the national assessment, how is/was the risk or vulnerability assessment process coordinated (e.g. who commissioned the work; who carried it out)? What methodological approach (e.g. literature review, modelling, expert appraisal) has been used? How have uncertainties been addressed?

Coordination

Coordinated by the Ministry of Interior (2011 Review of Emergency Risk Assessment) or sector-based ministry as Ministry of Agriculture.

Methodological approach

https://www.siseministeerium.ee/public/HO_RA_2011.pd page 4.

19. In relation to the national assessment, have you identified the costs of climate change impacts and the costs and benefits of adaptation?

No

20. In relation to the national assessment, what kind of information is still needed for risk or vulnerability assessments? Please select the three most important issues:

- ☒ Uncertainty estimates
- ☐ Local/community level information
- ☒ Consideration of different time periods
- ☒ Estimates of costs
- ☒ Estimates of benefits
- ☐ Information on interdependencies across sectors
- ☐ Consideration of social issues

21. In relation to the national assessment, do you plan to update the risk or vulnerability assessments?

- ☐ not planned ☐ planned but work has not started ☒ update of assessment has started ☐ update already available ☐ don't know

Are there requirements to do so on a regular basis? Please explain.

At least once in every two years, the value of emergency risk assessment is revisited.

22. Have you identified and assessed adaptation options on the basis of risk or vulnerability assessments?

- ☐ yes ☐ currently under development ☒ not yet, but planned ☐ no ☐ don't know

If yes: available at

☐ national level

☐ sub-national level

☐ trans-national level

☐ sectoral level

☐ cross-sectoral level

23. How have you identified and assessed adaptation options?

☒ Expert judgement

☐ Participatory processes

☐ Cost and benefit assessment

☐ Multi-criteria analyses

24. Please indicate the types of adaptation options identified:

☐ Grey options (i.e. technological, such as river flood defence, beach nourishment)

☐ Green options (i.e. ecosystem-based approaches that use nature's multiple services, such as crop diversification, enhancing the ability of indigenous plant and animal species to move across landscapes)

☒ Soft options (i.e. managerial, legal and policy approaches, such as awareness-raising initiatives, passing legislation, creating early warning systems, insurance, planning instruments)

☐ Combined options

25. Have you prioritised adaptation options?

☐ yes ☐ currently under development ☒ not yet, but planned ☐ no ☐ don't know

26. If you have prioritised adaptation options, which methodological approach (e.g. expert judgment, multi-criteria analysis) has been used?

no answer

27. Have the adaptation options been included in an action plan?

No adaptation policy implementing action plan on state level.

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Implementation, monitoring and evaluation

28. Please provide a maximum of three examples of what you would consider as 'good practices' in adaptation that have already been put in place in your country. Please indicate why they are considered to be 'good practice'?

The good practices are the sector-specific analyses, where the climate change and climate adaptation is taken into consideration. For example: By the Ministry of Agriculture has done the sector-based assessment and developed the The Climate Change Mitigation and Adaptation Development Plan 2012-2020 in the agricultural sector (in Estonian: <http://www.agri.ee/public/juurkataloog/ARENDUSTEGEVUS/kliimamuutused-tegevuskava-2012-2020.pdf>). Adaptation to climate change as a topic has added to the Nature Conservation Development Plan up to 2020, Estonian Forest Development Plan until 2020 and the Development Plan for Ministry of the Environment 2012-2015. There are also many good examples on regional field: The project "Coastal Flood Warning System for the Baltic Sea" carries out a feasibility analysis about the Baltic Sea coastal region flood warning system (inc city Pärnu, which is locating West Coast are of Estonia). Financed by European Space Agency – ESA Period: January 2012-April 2013 <http://www.parnu.ee/index.php?id=2668> Crisis programme for the floods in Pärnu city with the practical instructions on how to behave in case of flooding and flood risk areas map http://www.parnu.ee/fileadmin/kaart/Parnu_yleujutatavate_alade_kaat_2010.pdf <http://www.parnu.ee/index.php?id=1075>

29. What are your plans for integrating new information and insights into existing adaptation policies?

Within the timeframe from 2013 to 2015, the Ministry of Environment has planned to coordinate the compilation of a proposal of NAS including the collecting, analysing and prioritising of available relevant data of climate change impacts (Incl new information) and future scenarios in different sectors and doing sector-specific vulnerability analysis. After finalizing this work we don't have the further plans how to integrate new information and insights into existing policies yet.

30. In my country, monitoring, reporting and evaluating schemes for adaptation policies are ...

Monitoring

☐ not planned ☒ planned ☐ under development ☐ currently being implemented

Reporting

☐ not planned ☒ planned ☐ under development ☐ currently being implemented

Evaluation

☐ not planned ☒ planned ☐ under development ☐ currently being implemented

In case you have selected "Under development" or "Currently being implemented", please provide additional information and upload related documents.

no answer

Upload documents. Select files from your computer - they will be uploaded when you click the Save button at the end of this page.

Part III: Level of adaptation and policy instruments in sectors

31. Please highlight the relevant sectors/areas in your country and assess the current state of adaptation at various levels:

Please score the state of adaptation using the following scale:

Selected Value Meaning	
0	= adaptation is not relevant for my country
1	= need for adaptation not recognised and no measures implemented yet
2	= coordination activities for adaptation started
3	= some adaptation measures identified for the sector but not yet implemented
4	= portfolio of adaptation measures identified and implementation (of some) launched
5	= portfolio of adaptation measures implemented
6	= portfolio of adaptation measures in place and monitored/evaluated

Use the arrows or the keyboard to input digits from 0 to 6.

Levels / Sectors	Adaptation at national level	Adaptation at sub-national level (e.g. provinces, regions)	Adaptation at local or city-level	Priority sectors/areas for implementation	Please provide some examples if you have indicated that the adaptation state is 4, 5 or 6
Agriculture	<input type="text" value="3"/>	<input type="text" value="2"/>	<input type="text" value="2"/>	<input type="checkbox"/>	<input type="text"/>
Forestry	<input type="text" value="3"/>	<input type="text" value="2"/>	<input type="text" value="2"/>	<input type="checkbox"/>	<input type="text"/>
Biodiversity	<input type="text" value="3"/>	<input type="text" value="2"/>	<input type="text" value="2"/>	<input type="checkbox"/>	<input type="text"/>
Human health	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="checkbox"/>	<input type="text"/>
Water	<input type="text" value="3"/>	<input type="text" value="2"/>	<input type="text" value="2"/>	<input type="checkbox"/>	<input type="text"/>
Marine and fisheries	<input type="text" value="3"/>	<input type="text" value="2"/>	<input type="text" value="1"/>	<input type="checkbox"/>	<input type="text"/>
Coastal areas	<input type="text" value="3"/>	<input type="text" value="2"/>	<input type="text" value="2"/>	<input type="checkbox"/>	<input type="text"/>
Mountain areas	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="checkbox"/>	<input type="text"/>
Tourism	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="checkbox"/>	<input type="text"/>
Transport	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="checkbox"/>	<input type="text"/>
Energy	<input type="text" value="2"/>	<input type="text" value="2"/>	<input type="text" value="2"/>	<input type="checkbox"/>	<input type="text"/>
Built environment	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="checkbox"/>	<input type="text"/>
Spatial planning, urban planning	<input type="text" value="2"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="checkbox"/>	<input type="text"/>
Disaster risk reduction	<input type="text" value="3"/>	<input type="text" value="3"/>	<input type="text" value="3"/>	<input type="checkbox"/>	<input type="text"/>

Civil protection	<input type="text" value="3"/>	<input type="text" value="3"/>	<input type="text" value="3"/>	<input type="checkbox"/>	<input type="text"/>
Industry	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="checkbox"/>	<input type="text"/>
Business and services	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="checkbox"/>	<input type="text"/>
Financial/Insurance	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="checkbox"/>	<input type="text"/>
Cultural heritage	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="checkbox"/>	<input type="text"/>

32. Are you using policy instruments (see question 33 below for examples) for implementing adaptation actions?

☐ yes
 ☒ under development
 ☐ no
 ☐ don't know

33. If you are already using instruments for implementing adaptation, what are the main instruments in the different sectors in your country?

Sectors / Instruments	Agriculture	Forestry	Bio diversity	Human health	Water	Marine fisheries	Coastal areas	Mountain areas	Tourism	Transport	Energy	Built environment	Spatial planning	Disaster risk reduction	Civil protection	Industry	Business services	Financial insurance	Cultural heritage
Information (e.g. dissemination, education, guidelines)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Main-streaming	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Financial support (e.g. subsidies, taxes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Legislation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Partnering instruments (e.g. PPPs)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Action plans	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Others: Management strategies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
green technologies, development and demonstration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

34. If (additional) instruments for implementation are planned in your country, what are the main instruments you are considering?

Sharing relevant information, action plan, also some legislative instruments (for example in spatial planning field).

35. What are the most important financing mechanisms currently in place (or the mechanisms that will be considered in the future) for implementing adaptation in the sectors you have identified as relevant in your country?

Financing mechanisms / Sectors	Agriculture	Forestry	Biodiversity	Human health	Water	Marine fisheries	Coastal areas	Mountain areas	Tourism	Transport	Energy	Built environment	Spatial planning	Disaster risk reduction	Civil protection	Industry	Business services	Financial insurance	Cultural heritage
Explicit budgetary allocations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Project based public support	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Public-private partnerships	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Insurance mechanisms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please use the box below to provide any further comments and thoughts related to the questions above or any information that you wish to share with us (e.g. reports, references):

no answer

Upload documents. Select files from your computer - they will be uploaded when you click the Save button at the end of this page.

36. In your country, how do you address transboundary issues? Which instruments facilitate your work (e.g. EU Regional Policy, EU Interreg projects, biogeographical regions and regional adaptation strategies)?

EU regional policy. EU Interreg projects.

37. In your country, how do you coordinate adaptation activities across regions or municipalities? Which instruments facilitate your work (e.g. River Basin Management Plans, flood risks mapping, spatial planning taking account of the diversity of territories)?

River Basin Management Plans and flood risk mapping.

Part IV: Involvement of stakeholders

38. Have you involved stakeholders in the adaptation policy process?

☐ No ☒ Yes

39. If yes, how would you assess the general contribution of stakeholders/actors engagement in the adaptation policy process?

☐ very important ☒ important ☐ neutral ☐ less important ☐ not important

40. The three tables below allow you to identify the stakeholders involved and the format of their involvement for the development (1st table), implementation (2nd table) and monitoring and evaluation (3rd table) phases of the adaptation process.

Level of involvement:

Information given	information has been provided to stakeholders (e.g. web-sites, newsletter, reports, informative meetings)
Information gathered	information has been collected from stakeholders (e.g. online-survey)
Consultation	feedback on policy draft proposals has been obtained from stakeholders (e.g. written feedback on policy drafts)
Active involvement	stakeholders have actively been involved in, and have had the possibility to shape decision-making in the adaptation policy (e.g. advisory committees)
Partnerships	decision-making power is redistributed through negotiation between responsible authority and stakeholders
Empowerment	final decision is in the hands of the stakeholders

From the national perspective, what has been the involvement of stakeholders in the development phase of the adaptation policy process?

Stakeholders / Format of involvement	Information given	Information gathered	Consultation	Active involvement	Partnerships	Empowerment
Governmental stakeholders from national level (e.g. policy makers, public administration, governmental agencies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Governmental stakeholders from sub-national level (including local level)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Private sector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interest groups (e.g. farmers' association, NGOs)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scientists/researchers	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
General public	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



From the national perspective, what has been the involvement of stakeholders in the implementation phase of the adaptation policy process?

Stakeholders / Format of involvement	Information given	Information gathered	Consultation	Active involvement	Partnerships	Empowerment
Governmental stakeholders from national level (e.g. policy makers, public administration, governmental agencies)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Governmental stakeholders from sub-national level (including local level)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Private sector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interest groups (e.g. farmers' association, NGOs)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scientists/researchers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
General public	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



From the national perspective, what has been the involvement of stakeholders in the monitoring and evaluation of the adaptation policy process?

Stakeholders / Format of involvement	Information given	Information gathered	Consultation	Active involvement	Partnerships	Empowerment
Governmental stakeholders from national level (e.g. policy makers, public administration, governmental agencies)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Governmental stakeholders from sub-national level (including local level)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Private sector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interest groups (e.g. farmers' association, NGOs)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scientists/researchers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
General public	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



41. From your experience, what are the three most important elements in running a successful stakeholders process?

no answer

Please use the box below to provide any further comments and thoughts related to the questions above or any information that you wish to share with us (e.g. reports, references):

no answer

Upload documents. Select files from your computer - they will be uploaded when you click the Save button at the end of this page.

Part V: Open questions on next steps

42. What are the next steps your country is planning? Please provide information on the following issues and the related timing (addressing both

national and sub-national levels):

Risk or vulnerability assessment s (e.g. consider other sectors)

no answer

Legislation to support adaptation

no answer

Implementation

no answer

Monitoring/reporting and evaluation

no answer

Updating strategy/plan

no answer

Others

Within the timeframe from 2013 to 2015, the Ministry of Environment has planned to coordinate the compilation of a proposal of NAS including the collecting, analysing and prioritising of relevant data of climate change impacts and future scenarios in different sectors, sector-specific vulnerability analysis, and the proposition of possible adaptation measures. NAS and the implementation plan are planned to be ready for the governmental approval by 2015 second part. Estonian CC Adaptation Information Web Portal will be ready at the latest 2015. The Ministry of Environment is considering the possibility of including provisions for climate change adaptation into the main strategic documents, such as the Estonian Strategy on Sustainable Development, the National Spatial Plan Estonia 2030+ etc.

43. In your opinion, what are the key issues that will shape the adaptation policy process in your country in the coming years? Please provide a maximum of three issues:

Uncertainty regarding the trajectory of greenhouse-gas emissions, future impacts of climate change and related adaptation needs are making the adaptation policy making challenging and rather difficult. Definitely the national political commitment and will for proceeding the adaptation policy process in Estonia is one of the main factor. EU adaptation policy and its developments (promoting action by EU Member States) are also very important.

44. What kind of adaptation support (e.g. knowledge, information, decision support tools) would you need from the European level?

There is a role for the European Union to fill knowledge and action gaps and to provide financial support for adaptation in different levels national, regional and local). Continuing integration of adaptation into EU level policies and financial programmes.