

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

Ministry of Environment and Climate Change

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

- Terra Milenium III (NGO)
- /Ministry of Agriculture and Rural Development
- / Ministry of Economy
- Ministry of Regional Development and Public Administration
- National Meteorological Administration
- / Terra Milenium III (NGO)
- Ministry of Agriculture and Rural Development
- / Ministry of Regional Development and Public Administration
- Ministry of Economy

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:

Please insert text: Generation of knowledge related to the assessment of some climate-related risks and adaptation have been initiated for sectors such as: agriculture (drought risk), forestry (wild fire risk, soil erosion), health (heat wave risks in urban areas), water management (flood risk), disaster management (flood risk, landslide risk, wild fire risk, heat wave risks in urban areas). The adaptation-related strategies for some sectoral risk mitigation related to extreme meteorological events and climate change have been elaborated and continually up dated taking into account the development of climate scenarios and their impact on human and natural systems. For instance, an adaptation guide for climate change impact on Romanian agriculture has been published in 2008. Following the extreme floods in 2005, the National Strategy to Combat Floods has been elaborated in line with climate change circumstances. This strategy aims to manage the flooding risk by enforcing policies, procedures and practices to identify the policies and measures so as to achieve the risk mitigation

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:

Please insert text: The up-dated strategy for climate change in Romania which is elaborated now takes into account both mitigation and adaptation issues

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:

The interest for transnational co-operation as an element in our adaptation policy process exists. The participation of Romanian research teams in international projects dealing with climate adaptation has been encouraged. For instance, Romanian teams of climate researchers, hydrologists, experts in environmental protection, experts in disaster management, stakeholders from forestry and agriculture have participated in the The South East Europe Transnational Cooperation Programme carrying out activities related to climate adaptation in the South East Europe in projects such as: SEERISK, ORIENTGATE, Monitor II, CC-Waters, CC-Ware, Floodrisk. Selected results of these projects will be implemented in the up-dated strategy for climate change in Romania

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

the Adaptation Strategy based on the European White Book on Adaptation has identified within a large consultation process the national priority sectors, the measures which the line ministries and national/regional authorities have to implement at national level. Apart of the consultation during the drafting period with all the ministries and other stakeholders, there were no other activities to prepare the implementation of the strategy and there are not synergies between sectoral strategies and adaptation strategy.

Vertical coordination

For each priority sector the measures are implemented and coordinated by the respective national/regional authority which also provides the required funding to local and subordinated bodies to achieve the adaptation goals. At the regional and local level information on adaptation requirements is not properly developed.

What was crucial for successful coordination?

The establishment of clear responsibilities for each priority sector to be coordinated by the Ministry of Environment and Climate Change

What was challenging or missing?

The required institutional authority to coordinate the adaptation process in the priority sectors and Information campaigns and education for applying the established measure

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.

National level: a. Hazard maps for major river basins in Romania Sub-national level b. Landslide hazard maps for counties in Romania c. Heat wave risk map for Arad municipality Transnational: • Hazard and risk maps for floods in Danube basin. Please insert text and provide references/upload documents
Examples of hazard and risk maps: Transnational level: • <http://www.danube-floodrisk.eu/2012/10/materials/> National level: • http://www.icasbv.ro/?page_id=572&lang=ro • <http://www.rowater.ro/EPRI%20%20Harti%20cu%20zone%20risc%20la%20inundatii/Forms/DispForm.aspx?ID=11> Sub-national level: • <http://www.rowater.ro/EPRI%20%20Harti%20cu%20zone%20risc%20la%20inundatii/Forms/AllItems.aspx> • <http://www.monitor2.ro/monitor-ii-in-romania/harti-hazard/> • <http://www.monitor2.ro/publicatii/> • http://opengis.unibuc.ro/image/stories2011/harta_riscurilor.jpg • http://opengis.unibuc.ro/index.php?option=com_content&view=article&id=731%3Acurtea-de-arghes-realizarea-hartii-de-riscuri-si-vulnerabilitati-geomorfice-si-hidrice&Itemid=84 • http://www.primariacampina.ro/documente/harti/Harti%20de%20Risc/Plansa_inundatii.jpg • http://www.primariacampina.ro/documente/harti/Harti%20de%20Risc/Plansa11_alunecari.jpg

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

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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Forestry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biodiversity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Human health	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Marine and fisheries	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coastal areas	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
Civil protection	<input checked="" type="checkbox"/>	<input checked="" 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

We use a bottom –up approach: Some risk assessment studies have been carried out by Romanian teams of climate experts and stakeholders through national, European and international projects and their selected results are used by Ministry of Environment and Climate Change together with other relevant information from European documents and reports (e.g.) to build national and sub-national assessments . During 2011 the flooding risks assessment at each river basin level have been evaluated, which have been reported to the Commission on March 2011 complying the provisions of the Directive 2007/60/EC. In the flooding protection plans drawn at the county level flooding prone areas on river are identified on the known maximum flow and level. From 2014 on these flooding prone areas will be replaced by flooding risk maps

Methodological approach

Expert appraisal builds assessments using a variety of sources (including modeling results from climate-related projects and literature review). Additional measures to mitigate the flooding risk have been identified in the current EU funding programs on the main river stretches prone to these risks as consequences of heavy rains generated by climate change. A number of 15 projects in an amount of 137 349 040 Euro have been contracted to combat flooding and mitigate coastal erosion. Funding of such activities has to be carried on to provide an appropriate protection against floods. To assess the management risk against disasters taking into account the adaptation to climate change the following aspects are taken into account: a. The strengthening of the institutional capacity related to the adaptation on climate change, included in the National Strategy on Climate Change for 2013-2020 b. The establishment of policies and measures to provide the necessary water at source, the efficient use of water, the river basin management c. Adaptation measures for the management of flooding risk; d. Provide funding for flooding risk prevention and measures for the management of risk; e. Listing relevant scenarios for likely risk in significant impacts and assessment of vulnerability f. Establish regional and national maps on vulnerability, flooding risk and extreme meteorological events.

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.

The Adaptation Strategy is subject to a continuous updating taking into account the latest research development on climate scenarios and their impacts on human and natural systems. The following aspects are taken into account: (i) the elaboration of the relevant legislation for implementing the provisions of the Hyogo Framework for Action, Post-

2015 Framework for disaster risk reduction and the EU Strategy for Security and Civil Protection Mechanism , (ii) the elaboration of single methodology for risk assessment, (iii) the collection of data and the elaboration of hazard maps, The coordination of the risk assessment at national level will be completed by the Working Group to Assess Risks at National Level (GLERN), including experts in the assessment of risks from the authorities with responsibilities to assess risk as indicated in the Government Decision nr. 2288/2004, research and academic level,...

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?

NA

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

We do not have yet an action plan. An Action Plan will be elaborated at the end of the cooperation project with the World Bank (the middle of 2015)

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

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 elaboration of the Good Agricultural Farming

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

We plan to integrate the new results from climate predictions and projections (used in the 5th Assessment Report of Intergovernmental Panel on Climate Change) at national and sub-national levels. We intend to prioritize the adaptation options using climate and socio-economic modelling.

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.

As the first measures taken to increase the resilience at climate change were those identified in sectoral strategies so as to reduce the risk on the extreme meteorological

events (floods, droughts), monitoring has been associated with the development of these measures.

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="3"/>	<input type="text" value="0"/>	<input type="checkbox"/>	<input type="text"/>
Forestry	<input type="text" value="3"/>	<input type="text" value="3"/>	<input type="text" value="0"/>	<input type="checkbox"/>	<input type="text"/>
Biodiversity	<input type="text" value="3"/>	<input type="text" value="3"/>	<input type="text" value="0"/>	<input type="checkbox"/>	<input type="text"/>
Human health	<input type="text" value="3"/>	<input type="text" value="3"/>	<input type="text" value="3"/>	<input type="checkbox"/>	<input type="text"/>
Water	<input type="text" value="3"/>	<input type="text" value="3"/>	<input type="text" value="3"/>	<input type="checkbox"/>	<input type="text"/>
Marine and fisheries	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
Coastal areas	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
Mountain areas	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
Tourism	<input type="text" value="3"/>	<input type="text" value="3"/>	<input type="text" value="0"/>	<input type="checkbox"/>	<input type="text"/>
Transport	<input type="text" value="3"/>	<input type="text" value="3"/>	<input type="text" value="3"/>	<input type="checkbox"/>	<input type="text"/>
Energy	<input type="text" value="3"/>	<input type="text" value="3"/>	<input type="text" value="3"/>	<input type="checkbox"/>	<input type="text"/>
Built environment	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
Spatial planning, urban planning	<input type="text" value="3"/>	<input type="text" value="3"/>	<input type="text" value="3"/>	<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"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
Industry	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
Business and services	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
Financial/Insurance	<input type="text" value="3"/>	<input type="text" value="3"/>	<input type="text" value="3"/>	<input type="checkbox"/>	<input type="text"/>
Cultural heritage	<input type="text"/>	<input type="text"/>	<input type="text"/>	<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?

no answer

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	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
Explicit budgetary allocations	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Project based public support	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Insurance mechanisms	<input checked="" 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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" 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)?

The transboundary cooperation has been developed so far mainly within the EU and International Financing Institution funded programmes such as: EU Interreg, Framework Programmes Research and Development, South East Europe Transnational Cooperation Programme, etc....

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)?

For water sector the main instrument is the river basin management planning along with, flood risks mapping, river basin flooding combat at local and county level

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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Governmental stakeholders from sub-national level (including local level)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Private sector	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interest groups (e.g. farmers' association, NGOs)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scientists/researchers	<input checked="" 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 checked="" type="checkbox"/>	<input checked="" 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?

(1). Integration of adaptation policy in sectoral development strategies and plans (2).building an open and inclusive network of climate-related stakeholders;(3) transparent and effective protocols for multi-directional knowledge/information transfer in the network

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 assessments (e.g. consider other sectors)

1.To fill in the spatial and sectoral gaps of climate related-risks at sub-national and national level for assessments of: (i)Heat wave related risks in all urban areas;(ii)Wild fire related risks in forests; (iii)Drought related risks for all cultivated areas; (iv)Hail related risks in urban and cultivated areas; (v)Flash flood risks in small river-basins.(vi) Etc 2.Multi-risk assessment at national and sub-national level. 3.Projections of multi-risk assessments from the national to the transnational level and the other way around. Estimated dead-line: mid of 2015

Legislation to support adaptation

The Governmental Decision approving the National Strategy on Climate Change 2013-2020

Implementation

the action plan delivered by the world bank project

Monitoring/reporting and evaluation

the action plan delivered by the world bank project

Updating strategy/plan

The strategy and the action plan will be updated continuously taking into account the research development on climate scenarios and the their impact on human and natural systems

Others

no answer

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:

1.the governmental decision to support the elaboration and implementation of the up-dated strategy for climate change in Romania (containing both adaptation and mitigation issues); 2. the continuous involvement of all types of stakeholders organized in the open network; 3.the European Union support on actions involving trans-national level

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

1. capacity building for continuously up-dating climate and socio-economic modelling 2. capacity building for elaboration and use of decision support tools.