

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

**Ministry of National Development, Climate Policy Department, contact: Ákos Lukács, Head of Department, e-mail: akos.lukacs@nfm.gov.hu**

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:**

Water policy has the explicit aim of adaptation to climate change, with special emphasis on extreme weather events and droughts. The National Water Strategy (draft made available in March, public consultation until the end of May, to be adopted by the Government in September 2013, <http://www.kormany.hu/hu/videkfejlesztesi-miniszerium/kornyezetugyert-felelos-allamtitkarsag/hirek/nemzeti-vizstrategia>) includes several adaptation measures in the field of local water management, such as water retention in local (both groundwater & surface) water reservoirs, improved irrigation and land use change where necessary (less arable lands at the extreme low elevations). In the Biodiversity Preservation Strategy – as part of the National Environment Programme 2009-14 (documents for 2014-2019 under elaboration) – there is great emphasis on the promotion of traditional breeds that are resistant and represent a great genetic diversity. See also Q28.

**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:**

Projects of green retrofitting of buildings support both mitigation and adaptation objectives. In this context, the development of a National Building Energetics Strategy is under way.

**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)

Paldy, A. et Bobvos, J., 2012: Impact of heat waves on excess mortality in 2011 and 2012 in Hungary [http://www.omfi.hu/cejoem/Volume18/Vol18No1-4/CE12\\_1-4-02.html](http://www.omfi.hu/cejoem/Volume18/Vol18No1-4/CE12_1-4-02.html)  
Paldy, A. et Bobvos J., 2011: Predicted Impact of Climate Change on Daily Excess Mortality and Emergency Ambulance calls between 2021-2050 and 2071-2100. Central European Journal of Occupational and Environmental Medicine Vol.17:1-445-68 [http://www.omfi.hu/cejoem/Volume17/Vol17No1-4/CE11\\_1-4-02.html](http://www.omfi.hu/cejoem/Volume17/Vol17No1-4/CE11_1-4-02.html)  
Farago T., 2013: National climate policy cooperation – tasks for Hungary – only in Hungarian Nemzetközi klímapolitikai együttműködés, Magyarország részvétele és feladatai, Grotius, 84 o. [http://www.grotius.hu/doc/pub/QZLCSC/2013-06-14\\_farago\\_tibor\\_grotius-e-konyvtar-59.pdf](http://www.grotius.hu/doc/pub/QZLCSC/2013-06-14_farago_tibor_grotius-e-konyvtar-59.pdf)  
Farago T., 2011: Environmental vulnerability, resilience and adaptation capacities of societies throughout the history – only in Hungarian A társadalmak környezeti sebezhetősége, ellenálló- és alkalmazkodó képessége: a korai történelmi példáktól a sérülékenység globalizációjáig. "Sebezhetőség és adaptáció" kötetben (szerk: Tamás P., Bulla M.), MTA Szociológiai Kutatóintézet, 51-64. o.  
Farago T., I. Lang, L. Csete (eds.), 2010: Climate Change and Hungary: mitigating the hazard and preparing for the impacts. MTA, Budapest, 124 p. <http://www.vahavahaloza.hu/files/vahava-2010-12-korrigalt-2.pdf>

**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

In the mid of 2000s' horizontal coordination had an effective platform, the VAHAVA project (change-effect- answer). After the project ended, the horizontal cooperation was not organized centrally any more. The sectors carry on activities, but the intersectoral discussions are not regular, most frequently in the frames of scientific fora. Elaboration of such a mechanism is under way as a part of the development of national adaptation strategy.

#### Vertical coordination

Elaboration of such a mechanism is under way as a part of the development of national adaptation strategy

#### What was crucial for successful coordination?

The most important tool was the set up an intersectoral committee

#### What was challenging or missing?

An intersectoral platform that provides up-to-date information on policies and activities, research results is missing. Harmonized activity, coordination of tasks, timing is demanding. However, as part of the adoption process of the new National Adaptation Strategy we plan set up a platform, where researchers, governmental

organizations, NGO-s, stakeholders can discuss the climate issues and objectives.

## 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.

*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.

### 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 type="checkbox"/>	<input type="checkbox"/>
Forestry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biodiversity	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Human health	<input checked="" type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transport	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Energy	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Built environment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Spatial planning, urban planning	<input checked="" type="checkbox"/>	<input checked="" 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cross-border cooperation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rural development	<input type="checkbox"/>	<input checked="" 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

Development of risk assessment is coordinated by the National Directorate General for Disaster Management supported by a working group with representatives of all relevant governmental and scientific institutions.

#### Methodological approach

The methodology is based on the review of existing databases and literature. In the regular (weekly) working group meetings experts from different sectors have the opportunity to discuss the intersectoral issues. The aim of the project is to develop a national risk map which takes into account the climate change aspects as well. Development of risk map is based on ISO 31010.

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

Not yet

**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.**

Development of the risk assessment is underway. Overall risk or vulnerability assessments covering several aspects have not been available so far, only for particular sectors or environmental media, such as soil. The Act LX of 2007 mandates the establishment and regular update of national climate change strategy.

**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?**

National adaptation strategy is under development

**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'?**

1. The promotion of traditional breeds that are resistant and represent a great genetic diversity. 2. Several cities worked out adaptation plans for heat waves within the frames of Climate friendly cities. 3. Heat –health watch warning system has been operational since 2005. Educational material has been prepared for and distributed among health care personnel.

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

We plan to develop a National Adaption Strategy as a part of the existing National Climate Change Strategy. Although the current version of National Climate Change Strategy contains a detailed section on adaptation to climate change, it remains at a theoretical level, it defines adaptation priorities in key areas, but concrete suggestions for implementing adaptation-related activities are missing. The new National Adaptation Strategy will address this problem.

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="4"/>	<input type="text" value="2"/>	<input type="text" value="0"/>	<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="3"/>	<input type="text" value="3"/>	<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="2"/>	<input type="text" value="1"/>	<input type="checkbox"/>	<input type="text"/>
Marine and fisheries	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="checkbox"/>	<input type="text"/>
Coastal areas	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<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="3"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="checkbox"/>	<input type="text"/>
Transport	<input type="text" value="2"/>	<input type="text" value="2"/>	<input type="text" value="2"/>	<input type="checkbox"/>	<input type="text"/>
Energy	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="checkbox"/>	<input type="text"/>
Built environment	<input type="text" value="3"/>	<input type="text" value="2"/>	<input type="text" value="2"/>	<input type="checkbox"/>	<input type="text"/>
Spatial planning, urban planning	<input type="text" value="3"/>	<input type="text" value="3"/>	<input type="text" value="4"/>	<input checked="" type="checkbox"/>	<input type="text" value="Sectors: flood protection, green space systems, integrated planning."/> <div></div>
Disaster risk reduction	<input type="text" value="2"/>	<input type="text" value="2"/>	<input type="text" value="2"/>	<input type="checkbox"/>	<input type="text"/>

Civil protection	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>
Industry	1 <input type="text"/>	1 <input type="text"/>	1 <input type="text"/>	<input type="checkbox"/>	<input type="text"/>
Business and services	1 <input type="text"/>	1 <input type="text"/>	1 <input type="text"/>	<input type="checkbox"/>	<input type="text"/>
Financial/Insurance	2 <input type="text"/>	2 <input type="text"/>	2 <input type="text"/>	<input type="checkbox"/>	<input type="text"/>
Cultural heritage	2 <input type="text"/>	2 <input type="text"/>	2 <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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Main-streaming	<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 type="checkbox"/>	<input checked="" 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 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 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"/>
Legislation	<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"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 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)?

no answer

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)?

As for urban development, Hungary elaborated a comprehensive and user friendly practical handbook during its EU presidency (2011) on the Tasks and Possibilities of European Cities in Relation to Climate Change. This Handbook has been translated into Hungarian and was distributed to all urban municipalities in Hungary to assist their work on this field. Hungarian cities are also advised to take into account climate adaptation measures when elaborate their integrated urban development strategy. The content of such strategies is defined by methodological guidelines and also by government

regulation. In the context of Local Environmental Programmes, a handbook fostering the cooperation of municipalities for the protection of the environment was published and disseminated in 2008 covering themes like landscape management, afforestation, renewables, monitoring. A strategy for genetic resources serving food purposes was published in 2013 by the Ministry of Rural Development keeping local varieties and local, traditional knowledge related to these varieties and to food in general alive.

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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Private sector	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scientists/researchers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
General public	<input type="checkbox"/>	<input 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?**

interactive, inclusive process

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):

Regarding question 33, we had an extra sector: Rural development, with "Information (e.g. dissemination, education, guidelines)" selected.

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)**

Elaboration of risk assessment is under way; it will be finalized in July 2014.

**Legislation to support adaptation**

In the phase of preparation

**Implementation**

As part of the development of adaptation strategy, the elaboration of methods for implementation is under way.

**Monitoring/reporting and evaluation**

As part of the development of adaptation strategy, the elaboration of methods for monitoring/evaluation is under way.

**Updating strategy/plan**

According to the Act LX. of 2007 the National Climate Change Strategy (incl. the National Adaptation Strategy) should be updated in five years after its adoption.

**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:**

The more extreme climate events (heat waves, droughts, floods); consultation process and adoption of updated National Climate Change Strategy.

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

decision support tool, information on the costs of adaptation tools