

**Template for reporting under the Water Convention and for global SDG indicator 6.5.2**

**Country name:** Czechia

This template or reporting form is in the form of a questionnaire to be filled out. Questions can be either “closed”, Yes /No , with appropriate boxes to tick; “open”, requiring further information to be supplied, indicated by the words in square brackets [fill in]; or a combination of both. Depending on the country situation, it will not always be necessary to fill in extra information where space is provided for this.

The questions are divided into four parts: national (section I); by transboundary basin, river, lake or aquifer (section II); list of transboundary waters and information for calculation of the SDG indicator 6.5.2, Proportion of transboundary basin area with an operational arrangement for water cooperation (section III), and final questions (section IV). Please answer open questions very briefly, and in less than 200 words, using bullet points as appropriate. Section II will need to be completed for each of the transboundary basins, rivers, lakes or aquifers (please just copy the template for these questions and fill out again for each additional transboundary basin, river, lake or aquifer).

The template encourages those reporting to refer to the reporting under other multilateral environmental agreements to which their country is a Party.

**I. Transboundary water management at the national level**

In this first section, you are requested to provide general information on transboundary water management at the national level. Information on specific transboundary basins, rivers, lakes or aquifers and agreements should be presented in section II and not repeated here.

1. (a) Does your country’s national legislation refer to measures to prevent, control and reduce any transboundary impact (art. 2 of the Convention)?

Yes /No

*If yes, list the main national legislation:* **Water Act No. 254/2001Coll.**

- (b) Do your country’s national policies, action plans and strategies refer to measures to prevent, control and reduce any transboundary impact?

Yes /No

*If yes, list the main national policies, action plans and strategies:* **Act on Environmental Assessment, National Environmental Policy, River Basin Management Plans**

- (c) Does your country’s legislation provide for the following principles?

Precautionary principle Yes /No

Polluter pays principle Yes /No

Sustainable development Yes /No

- (d) Does your country have a national licensing or permitting system for wastewater discharges and other point source pollution (art. 3, para. 1 (b)) (e.g., in industry, mining, energy, municipal, wastewater management or other sectors)?

Yes /No

*If yes, for which sectors? (please list):* **Every natural or legal person discharging the wastewater except for mineral waters if not used in spa treatment or for bottled water production, water from remediation boreholes and waste water from flow cooling of steam turbines.**

*If not, please explain why not (giving the most important reasons) or provide information if there are plans to introduce a licensing or permitting system: [fill in]*

If your country has a licensing system, does the system provide for setting emission limits based on best available technology?

Yes /No

(e) Are the authorized discharges monitored and controlled (art. 3, para. 1 (b))?

Yes /No

If yes, how? (Please tick the ones applicable):

Monitoring of discharges

Monitoring of physical and chemical impacts on water

Monitoring of ecological impacts on water

Conditions on permits

Inspectorate

Other means (please list): [fill in]

If your country does not have a discharge monitoring system, please explain why not or provide information if there are plans to introduce a discharge monitoring system: [fill in]

(f) What are the main measures which your country takes to reduce diffuse sources of water pollution on transboundary waters (art. 3, para. 1) (e.g., from agriculture, transport, forestry or aquaculture)? The measures listed below relate to agriculture, but other sectors may be more significant. Please be sure to include these under "others":

**Legislative measures**

Norm for uses of fertilizers

Norms for uses of manure

Bans on or norms for use of pesticides

Others (please list): [fill in]

**Economic and financial measures**

Monetary incentives

Environmental taxes (such as fertilizer taxes)

Others (please list): [fill in]

**Agricultural extension services**

**Technical measures**

*Source control measures*

Crop rotation

Tillage control

Winter cover crops

Others (please list): [fill in]

*Other measures*

Buffer/filter strips

Wetland reconstruction

Sedimentation traps

Chemical measures

Others (please list): [fill in]

**Other types of measures**

*If yes, please list: [fill in]*

(g) What are the main measures which your country takes to enhance water efficiency (art. 3)?

*Please tick as appropriate (not all might be relevant)*

- |   |                                     |
|---|-------------------------------------|
| A regulatory system regarding water abstraction | <input checked="" type="checkbox"/> |
| Monitoring and control of abstractions          | <input checked="" type="checkbox"/> |
| Water rights are clearly defined                | <input checked="" type="checkbox"/> |
| Water allocation priorities are listed          | <input type="checkbox"/>            |
| Water-saving technologies                       | <input checked="" type="checkbox"/> |
| Advanced irrigation techniques                  | <input type="checkbox"/>            |
| Demand management activities                    | <input checked="" type="checkbox"/> |
| Other means (please list)                       | <input type="checkbox"/>            |

(h) Does your country apply the ecosystems approach (art. 3, para. 1 (i), and art. 2, para. 1 (d))?

Yes /No

*If yes, please describe how: **Covered in River Basin Management plans***

(i) Does your country take specific measures to prevent the pollution of groundwaters (art. 3, para. 1 (k))?

Yes /No

*If yes, please list the most important measures: **Protection zones, Process of control of discharge into groundwater, system of control of groundwater abstraction***

2. Does your country require transboundary environmental impact assessment (EIA)?

Yes /No

Does your country have procedures for transboundary EIA?

Yes /No

*If yes, please make reference to the legislative basis (please insert the name and section of the relevant laws). (Please note: If your country is a Party to the Convention on Environmental Impact Assessment in a Transboundary Context, you may refer to your country's report under that Convention.): **CZ is a party to Espoo Convention. Please see <https://www.unece.org/?id=41378> for more detailed information.***

3. Does your country have transboundary agreements or arrangements for the protection and/or management of transboundary waters (i.e., surface waters or aquifers), whether bilateral, multilateral and/or at the basin level?

Yes /No

*If yes, list the bilateral, multilateral and basin agreements (listing for each of the countries concerned):*

**Agreement on the International Commission for Protection of the Elbe**

**Convention on Cooperation for Protection and Sustainable Use of the Danube River**

**Agreement on the International Commission for Protection of the Oder River against Pollution**

**Agreement between the Czech Republic and the Federal Republic of Germany on Cooperation on Transboundary Waters in the Field of Water Management**

**Agreement between the Czechoslovak Socialist Republic and the Republic of Austria on Regulation of Water Management Issues on Transboundary Waters**

**Agreement between the Government of the Czech Republic and the Government of the Republic of Poland on Cooperation in Water Management on Transboundary Waters**

**Agreement between the Government of the Czech Republic and the Government of the Slovak Republic on Cooperation on Transboundary Waters**

**II. Questions for each transboundary basin, river, lake or aquifer**

Please complete this second section for each transboundary basin, river, lake or aquifer, or for group of basins covered by the same agreement or arrangement and where conditions are similar. It might also be convenient to group basins or sub-basins for which your country's share is very small.<sup>a</sup> In some instances, you may provide information on both a basin and one or more of its sub-basins, for example, where you have agreements<sup>b</sup> on both the basin and its sub-basin. You may coordinate your responses with other States with which your country shares the basin or aquifer or even prepare a joint report for shared basins. General information on transboundary water management at the national level should be provided in section I and not repeated here.

Please reproduce the whole section II with its questions for each transboundary basin, river, lake or aquifer, or group of basins for which you will provide a reply.

**Name of the transboundary basin, river, lake or aquifer, or group thereof, list of the riparian States, and country's share of the basin: Danube River Basin: Germany, Austria, Czech Republic, Slovakia, Hungary, Slovenia, Croatia, Bosnia and Herzegovina, Serbia, Montenegro, Romania, Bulgaria, Moldova, Ukraine**

1. Is there one or more transboundary (bilateral or multilateral) agreement(s) or arrangement(s) on this basin (art. 9)?

One or more agreements or arrangements exist and are in force

Agreement or arrangement developed but not in force

Agreement or arrangement developed, but not in force for all riparians

*Please insert the name of the agreement or agreements or arrangements: **The Convention on Co-operation for the Protection and Sustainable Use of the River Danube (Danube River Protection Convention)***

Agreement or arrangement is under development

No agreement

*If there is no agreement or arrangement or it is not in force, please explain briefly why not and provide information on any plans to address the situation: [fill in]*

<sup>a</sup> In principle, section 2 should be submitted for every transboundary basin, river, lake or aquifer, in the country, but States may decide to group basins in which their share is small or leave out basins in which their share is very minor, e.g., below 1 per cent.

<sup>b</sup> In section II, "agreement" covers all kinds of treaties, conventions and agreements ensuring cooperation in the field of transboundary waters. Section II can also be completed for other types of arrangements, such as memorandums of understanding.

If there is no agreement or arrangement and no joint body for the transboundary basin, river, lake or aquifer then jump to question 4; if there is no agreement, but a joint body then go to question 3.

Questions 2 and 3 to be completed for each bilateral or multilateral agreement or arrangement in force in the transboundary basin, river, lake or aquifer or group of basins or sub-basins

2. (a) Does this agreement or arrangement specify the basin area subject to cooperation?

Yes /No

If yes, does it cover the entire basin, or group of basins, and all riparian States?

Yes /No

If not, what does it cover? : **It covers sovereign States sharing a considerable part of the hydrological catchment area of the Danube River. As considerable part there is assumed a share exceeding 2 000 km<sup>2</sup> of the total hydrological catchment area.**

Or, if the agreement or arrangement relates to a sub-basin, does it cover the entire sub-basin?

Yes /No

Which States (including your own) are bound by the agreement or arrangement? (Please list): **Germany, Austria, the Czech Republic, Slovakia, Hungary, Slovenia, Croatia, Bosnia and Herzegovina, Serbia, Montenegro, Romania, Bulgaria, Moldova, and Ukraine**

- (b) Are aquifers (or groundwater bodies) covered by the agreement/arrangement?

Yes /No

- (c) What is the sectoral scope of the agreement or arrangement?

All water uses

A single water use or sector

Several water uses or sectors

If one or several water uses or sectors, please list (check as appropriate):

**Water uses or sectors**

Industry

Agriculture

Transport (e.g., navigation)

Households

Energy: hydropower and other energy types

Tourism

Nature protection

Other (please list): [fill in]

- (d) What topics or subjects of cooperation are included in the agreement or arrangement (art. 9)?

**Procedural and institutional issues**

Dispute and conflict prevention and resolution

Institutional cooperation (joint bodies)	<input checked="" type="checkbox"/>
Consultation on planned measures	<input checked="" type="checkbox"/>
Mutual assistance (art. 15)	<input checked="" type="checkbox"/>
<b>Topics of cooperation</b>	
Joint vision and management objectives	<input checked="" type="checkbox"/>
Joint significant water management issues	<input checked="" type="checkbox"/>
Navigation	<input checked="" type="checkbox"/>
Environmental protection (ecosystem)	<input checked="" type="checkbox"/>
Water quality	<input checked="" type="checkbox"/>
Water quantity or allocation	<input checked="" type="checkbox"/>
Cooperation in addressing floods	<input checked="" type="checkbox"/>
Cooperation in addressing droughts	<input checked="" type="checkbox"/>
Climate change adaptation	<input checked="" type="checkbox"/>
<b>Monitoring and exchange</b>	
Joint assessments	<input checked="" type="checkbox"/>
Data collection and exchange (art. 13)	<input checked="" type="checkbox"/>
Joint monitoring (art. 11)	<input checked="" type="checkbox"/>
Maintenance of joint pollution inventories	<input checked="" type="checkbox"/>
Elaboration of joint water quality objectives	<input checked="" type="checkbox"/>
Common early warning and alarm procedures (art. 14)	<input checked="" type="checkbox"/>
Exchange of experience between riparian States	<input checked="" type="checkbox"/>
Exchange of information on planned measures	<input checked="" type="checkbox"/>
<b>Joint planning and management</b>	
Development of joint regulations on specific topics	<input checked="" type="checkbox"/>
Development of international or joint river, lake or aquifer basin management or action plans	<input checked="" type="checkbox"/>
Management of shared infrastructure	<input type="checkbox"/>
Development of shared infrastructure	<input type="checkbox"/>
Other ( <i>please list</i> ): [fill in]	

(e) What are the main difficulties and challenges that your country faces with the agreement or arrangement and its implementation, if any (*please describe, if applicable*): **No main difficulties**

(f) What are the main achievements in implementing the agreement or arrangement and what were the keys to achieving such success?: **Preparation of joint program of Measures, Preparation of Danube River Basin Management Plan and it's regular update, Flood Risk Management plans for the Danube Basin and it's regular update, Preparation of joint reports, guiding documents, Exchange of information and experiences, contact and communication**

(g) Please attach a copy of the agreement or arrangement or provide the web address of the document (*please attach document or insert web address, if applicable*): <https://www.icpdr.org/main/icpdr/danube-river-protection-convention>

3. Is your country a member of an operational joint body or joint bodies for this agreement/arrangement (art. 9)?

Yes /No

If no, why not? (please explain): [fill in]

**Where there is a joint body (or bodies)**

(a) If there is a joint body, which kind of joint body (please tick one)?

Plenipotentiaries

Bilateral commission

Basin or similar commission

Other (please describe): [fill in]

(b) Does the joint body cover the entire transboundary basin or sub-basin, river, lake or aquifer, or group of basins, and all riparian States?

Yes /No

(c) Which States (including your own) are member of the joint body? (Please list): **Germany, Austria, the Czech Republic, Slovakia, Hungary, Slovenia, Croatia, Bosnia and Herzegovina, Serbia, Montenegro, Romania, Bulgaria, Moldova, and Ukraine**

(d) Does the joint body have any of the following features (please tick the ones applicable)?

A secretariat

If the secretariat is a permanent one, is it a joint secretariat or does each country host its own secretariat? (Please describe): **Permanent joint secretariat which has the responsibility to perform the functions necessary to maintain and support the International Commission for Protection of Danube River in the implementation of the Danube River Protection Convention**

A subsidiary body or bodies

Please list (e.g., working groups on specific topics):

**Expert Groups for: Flood Protection, Accident Prevention and Control, Monitoring and Assessment, Public Participation, Pressures and Measures, River Basin Management, Information management and GIS and Strategic ad-hoc Expert Group**

**Task Groups for: Economics, Hydromorphology, Nutrients and Groundwater**

Other features (please list): [fill in]

(e) What are the tasks and activities of this joint body (art. 9, para. 2)?<sup>c</sup>

Identification of pollution sources

Data collection and exchange

Joint monitoring

<sup>c</sup> This may include tasks according to the agreement or tasks added by the joint body, or its subsidiaries. Both tasks which joint bodies coordinate and tasks which they implement should be included.

- Maintenance of joint pollution inventories
- Setting emission limits
- Elaboration of joint water quality objectives
- Management and prevention of flood or drought risks
- Preparedness for extreme events, e.g., common early warning and alarm procedures
- Water allocation and/or flow regulation
- Policy development
- Control of implementation
- Exchange of experience between riparian States
- Exchange of information on existing and planned uses of water and related installations
- Settling of differences and conflicts
- Consultations on planned measures
- Exchange of information on best available technology
- Participation in transboundary EIA
- Development of river, lake or aquifer basin management or action plans
- Management of shared infrastructure
- Addressing hydromorphological alterations
- Climate change adaptation
- Joint communication strategy
- Basin-wide or joint public participation and consultation of, for example, basin management plans
- Joint resources to support transboundary cooperation
- Capacity-building
- Any other tasks (*please list*): [fill in]

(f) What are the main difficulties and challenges that your country faces with the operation of the joint body, if any?

- Governance issues
- Please describe, if any:* [fill in]
- Unexpected planning delays
- Please describe, if any:* [fill in]
- Lack of resources
- Please describe, if true:* [fill in]
- Lack of mechanism for implementing measures
- Please describe, if true:* [fill in]
- Lack of effective measures
- Please describe, if true:* [fill in]
- Unexpected extreme events
- Please describe, if any:* [fill in]

Lack of information and reliable forecasts

*Please describe, if any:* [fill in]

Others (*please list and describe, as appropriate*): [fill in]

(g) If not all riparian States are members of the joint body how does the body cooperate with them?

No cooperation

They have observer status

Other (*please describe*): [fill in]

(h) Does the joint body or its subsidiary bodies meet regularly?

Yes /No

If yes, how frequently does it meet? **Each expert group meets approximately 2 times a year (may vary according to actual needs), The International Commission for the Protection of the Danube River meets regularly twice a year**

(i) What are the main achievements with regards to the joint body?: **Preparation of joint program of Measures, Preparation of Danube River Basin Management Plan and its regular update, Flood Risk Management plans for the Danube Basin and its regular update, Preparation of joint reports, guiding documents, Exchange of information and experiences, contact and communication**

(j) Are representatives of international organizations invited to the meetings of the joint body (or bodies) as observers?

Yes /No

(k) Did the joint body ever invite a coastal State to cooperate (art. 9, paras. 3 and 4)?

Yes /No

*If yes, please give details. If no, why not?:* **Some of member states are coastal states. There is ongoing cooperation with the Commission for the Protection of the Black Sea**

4. Is there a joint or coordinated management plan (such as an action plan or a common strategy) or have joint objectives been set specifically on the transboundary waters subject to cooperation (art. 9, para. 2 (f))?

Yes /No

*If yes, please provide further details:* **River Basin Management Plan**

5. How is the transboundary basin, river, lake or aquifer protected, including the protection of ecosystems, in the context of sustainable and rational water use (art. 2, para. 2 (b), and art. 3, para. 1 (i))?

Afforestation

Restoration of ecosystems

Environmental flow norms

Groundwater measures (e.g., protection zones)

Other measures (*please list*): [fill in]

6. (a) Does your country exchange information and data with other riparian States in the basin (art. 13)?

Yes /No

(b) If yes, on what subjects are information and data exchanged?

- Environmental conditions (art. 13, para. 1) (a)
- Research activities and application of best available techniques (arts. 5, 12 and 13, para. 1 (b))
- Emission monitoring data (art. 13, para. 1 (c))
- Planned measures taken to prevent, control or reduce transboundary impacts (art. 13, para. 1 (d))
- Point source pollution sources
- Diffuse pollution sources
- Existing hydromorphological alterations (dams, etc.)
- Discharges
- Water abstractions
- Future planned measures with transboundary impacts, such as infrastructure development

Other subjects (*please list*):

(c) Is there a shared database or information platform?

Yes /No

(d) Is the database publicly available?

Yes /No

*If yes, please provide the web address: <https://www.danubegis.org/>*

(e) What are the main difficulties and challenges to data exchange, if applicable? (*please describe*): **Different standards for data collection in riparian states**

(f) What are the main benefits of data exchange on the transboundary waters subject to cooperation? (*please describe*): **Mutual awareness**

7. Do the riparian States carry out joint monitoring in the transboundary basin, river, lake or aquifer (art. 11, para. 1)?

Yes /No

(a) If yes, what does the joint monitoring cover?

	Covered?	Hydrological	Ecological	Chemical
Border surface waters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface waters in the entire basin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface waters on the main watercourse	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Connected aquifers (or groundwaters)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unconnected aquifers (or groundwaters)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(b) If joint monitoring is carried out, how is this done?

- National monitoring stations connected through a network or common stations
- Joint and agreed methodologies
- Joint sampling
- Common monitoring network
- Common agreed parameters

(c) Please describe the main achievements regarding joint monitoring, if any: **Data availability**

(d) Please describe any difficulties experienced with joint monitoring: **Technical issues**

8. Do the riparian States carry out joint assessment of the transboundary basin, river, lake or aquifer (art. 11)?

Yes /No

*If yes, please provide the date of the last or only assessment, the frequency and scope (e.g., surface waters or groundwaters only, pollution sources, etc.) of the assessment: A Joint Danube Survey is carried out once every six years – JDS1 was in 2001 and JDS2 in 2007, 3rd Joint Danube Survey in 2013*

*Scope: is very wide, the information can be found at [http://www.danubesurvey.org/sites/danubesurvey.org/files/nodes/documents/factsheet1-jds3\\_0.pdf](http://www.danubesurvey.org/sites/danubesurvey.org/files/nodes/documents/factsheet1-jds3_0.pdf)*

9. Have the riparian States agreed to use joint water quality standards?

Yes /No

*If yes, is the basis an international or regional standard (please specify which) or has it been adapted from the national standards of the riparian States?: **Based on Water Framework Directive and Environmental Quality Standards Directive***

10. What are the measures implemented to prevent or limit the transboundary impact of accidental pollution (art. 14)?

Notification and communication

Coordinated or joint alarm system for accidental water pollution

Other (please list): [fill in]

No measures

*If not, why not? What difficulties does your country face in putting in place such measures?: [fill in]*

11. What are the measures implemented to prevent or limit the transboundary impact of extreme weather events (art. 14)?

Notification and communication

Coordinated or joint alarm system for floods

Coordinated or joint alarm system for droughts

Joint climate change adaptation strategy

Joint disaster risk reduction strategy

Other (please list): [fill in]

No measures

*If not, why not? What difficulties does your country face in putting in place such measures?: [fill in]*

12. Are procedures in place for mutual assistance in case of a critical situation (art. 15)?

Yes /No

*If yes, please provide a brief summary: **Mutual assistance is given upon request of the country.***

13. Are the public or relevant stakeholders involved in transboundary water management in the basin, river, lake or aquifer? (art. 16)?

Yes /No

*If yes, how? (please tick all applicable) (Please note: If your country is a Party to the Convention on Access to Information, Public Participation in Decision-making and Access to Justice in Environmental Matters (Aarhus Convention), you may refer*

to your country's report under that Convention.): **Please see national Country report on Aarhus Convention at**

[http://www.unece.org/env/pp/reports\\_trc\\_implementation\\_2017.html](http://www.unece.org/env/pp/reports_trc_implementation_2017.html)

Stakeholders have observer status in a joint body

*If yes, please specify the stakeholders for each joint body:*

**Stakeholders of the International Commission for the Protection of the Danube River are: Black Sea Commission (BSC), Carpathian Convention, Central Dredging Association (CEDA), Danube Competence Center (DCC), Danube Civil Society Forum (DCSF), Danube Commission (DC), Danube Environmental Forum (DEF), Danubeparks, Danube Tourist Commission (DIE DONAU), European Anglers Alliance (EAA), European Barge Union (EBU), European Water Association (EWA), Friends of Nature International (NFI), Global Water Partnership (GWP/CEE), International Association for Danube Research (IAD), International Association of Water Supply Companies in the Danube River Catchment Area (IAWD), International Hydrological Programme of the UNESCO (IHP/Danube), International Sava River Basin Commission (ISRBC), RAMSAR Convention on Wetlands, Regional Environmental Center for Central and Eastern Europe (REC), VGB PowerTech e.V. (VGB), via donau, World Wide Fund for Nature – Danube-Carpathian Programme (WWF-DCP).**

Availability of information to the public

Consultation on planned measures or river basin management plans<sup>d</sup>

Public involvement

Other (*please specify*): **Public participation under WFD and FD**

**Please remember to complete section II for each of the transboundary basins, rivers, lakes or aquifers. Please also remember to attach copies of agreements, if any.**

<sup>d</sup> Or, where applicable, aquifer management plans.

## II. Questions for each transboundary basin, river, lake or aquifer

Please complete this second section for each transboundary basin, river, lake or aquifer, or for group of basins covered by the same agreement or arrangement and where conditions are similar. It might also be convenient to group basins or sub-basins for which your country's share is very small.<sup>a</sup> In some instances, you may provide information on both a basin and one or more of its sub-basins, for example, where you have agreements<sup>b</sup> on both the basin and its sub-basin. You may coordinate your responses with other States with which your country shares the basin or aquifer or even prepare a joint report for shared basins. General information on transboundary water management at the national level should be provided in section I and not repeated here.

Please reproduce the whole section II with its questions for each transboundary basin, river, lake or aquifer, or group of basins for which you will provide a reply.

**Name of the transboundary basin, river, lake or aquifer, or group thereof, list of the riparian States, and country's share of the basin: Elbe River Basin: the Czech Republic, Germany,**

1. Is there one or more transboundary (bilateral or multilateral) agreement(s) or arrangement(s) on this basin (art. 9)?

One or more agreements or arrangements exist and are in force

Agreement or arrangement developed but not in force

Agreement or arrangement developed, but not in force for all riparians

*Please insert the name of the agreement or agreements or arrangements:*  
**Convention on International Commission for the Protection of the Elbe River**

Agreement or arrangement is under development

No agreement

*If there is no agreement or arrangement or it is not in force, please explain briefly why not and provide information on any plans to address the situation: [fill in]*

**If there is no agreement or arrangement and no joint body for the transboundary basin, river, lake or aquifer then jump to question 4; if there is no agreement, but a joint body then go to question 3.**

**Questions 2 and 3 to be completed for each bilateral or multilateral agreement or arrangement in force in the transboundary basin, river, lake or aquifer or group of basins or sub-basins**

2. (a) Does this agreement or arrangement specify the basin area subject to cooperation?

Yes /No

If yes, does it cover the entire basin, or group of basins, and all riparian States?

Yes /No

If not, what does it cover? : **It covers the Elbe River Basin in the Czech Republic and in Germany**

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<sup>a</sup> In principle, section 2 should be submitted for every transboundary basin, river, lake or aquifer, in the country, but States may decide to group basins in which their share is small or leave out basins in which their share is very minor, e.g., below 1 per cent.

<sup>b</sup> In section II, "agreement" covers all kinds of treaties, conventions and agreements ensuring cooperation in the field of transboundary waters. Section II can also be completed for other types of arrangements, such as memorandums of understanding.

Or, if the agreement or arrangement relates to a sub-basin, does it cover the entire sub-basin?

Yes /No

Which States (including your own) are bound by the agreement or arrangement?  
(Please list): **the Czech Republic and Germany**

(b) Are aquifers (or groundwater bodies) covered by the agreement/arrangement?

Yes /No

(c) What is the sectoral scope of the agreement or arrangement?

All water uses

A single water use or sector

Several water uses or sectors

*If one or several water uses or sectors, please list (check as appropriate):*

**Water uses or sectors**

Industry

Agriculture

Transport (e.g., navigation)

Households

Energy: hydropower and other energy types

Tourism

Nature protection

Other (please list): [fill in]

(d) What topics or subjects of cooperation are included in the agreement or arrangement (art. 9)?

**Procedural and institutional issues**

Dispute and conflict prevention and resolution

Institutional cooperation (joint bodies)

Consultation on planned measures

Mutual assistance (art. 15)

**Topics of cooperation**

Joint vision and management objectives

Joint significant water management issues

Navigation

Environmental protection (ecosystem)

Water quality

Water quantity or allocation

Cooperation in addressing floods

Cooperation in addressing droughts

Climate change adaptation

**Monitoring and exchange**

- Joint assessments
- Data collection and exchange (art. 13)
- Joint monitoring (art. 11)
- Maintenance of joint pollution inventories
- Elaboration of joint water quality objectives
- Common early warning and alarm procedures (art. 14)
- Exchange of experience between riparian States
- Exchange of information on planned measures

**Joint planning and management**

- Development of joint regulations on specific topics
- Development of international or joint river, lake or aquifer basin management or action plans
- Management of shared infrastructure
- Development of shared infrastructure

Other (*please list*): [fill in]

(e) What are the main difficulties and challenges that your country faces with the agreement or arrangement and its implementation, if any (*please describe, if applicable*): **There are no significant difficulties with the implementation of the agreement.**

(f) What are the main achievements in implementing the agreement or arrangement and what were the keys to achieving such success?: **Improvement of ecological and chemical status of the river Elbe, improvement of flood protection, functional warning system in case of accidental water pollution, preparation of International River Basin and Flood Risk Management Plans according to Water Framework Directive as well as an update of these plans**

(g) Please attach a copy of the agreement or arrangement or provide the web address of the document (*please attach document or insert web address, if applicable*):

[www.ikse-mkol.org](http://www.ikse-mkol.org)

3. Is your country a member of an operational joint body or joint bodies for this agreement/arrangement (art. 9)?

Yes /No

*If no, why not? (please explain):* [fill in]

**Where there is a joint body (or bodies)**

(a) If there is a joint body, which kind of joint body (*please tick one*)?

Plenipotentiaries

Bilateral commission

Basin or similar commission

Other (*please describe*): [fill in]

(b) Does the joint body cover the entire transboundary basin or sub-basin, river, lake or aquifer, or group of basins, and all riparian States?

Yes /No

(c) Which States (including your own) are member of the joint body? (Please list): **Germany and the Czech Republic**

(d) Does the joint body have any of the following features (please tick the ones applicable)?

A secretariat

If the secretariat is a permanent one, is it a joint secretariat or does each country host its own secretariat? (Please describe): **permanent joint secretariat**

A subsidiary body or bodies

Please list (e.g., working groups on specific topics):

**Working group “Flood Protection”**

**Working group “ Surface Waters”**

**Working group “ Ground Water”**

**Working group” Economic Analysis”**

**Working group “ Data management”**

**Working group “Hydrology”**

**Working group “Accidental Water Pollution” and several Ad hoc working groups such as for sediments and water quantity**

Other features (please list): [fill in]

(e) What are the tasks and activities of this joint body (art. 9, para. 2)?<sup>c</sup>

Identification of pollution sources

Data collection and exchange

Joint monitoring

Maintenance of joint pollution inventories

Setting emission limits

Elaboration of joint water quality objectives

Management and prevention of flood or drought risks

Preparedness for extreme events, e.g., common early warning and alarm procedures

Water allocation and/or flow regulation

Policy development

Control of implementation

Exchange of experience between riparian States

Exchange of information on existing and planned uses of water and related installations

Settling of differences and conflicts

Consultations on planned measures

Exchange of information on best available technology

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<sup>c</sup> This may include tasks according to the agreement or tasks added by the joint body, or its subsidiaries. Both tasks which joint bodies coordinate and tasks which they implement should be included.

- Participation in transboundary EIA
- Development of river, lake or aquifer basin management or action plans
- Management of shared infrastructure
- Addressing hydromorphological alterations
- Climate change adaptation
- Joint communication strategy
- Basin-wide or joint public participation and consultation of, for example, basin management plans
- Joint resources to support transboundary cooperation
- Capacity-building
- Any other tasks (*please list*): [fill in]

(f) What are the main difficulties and challenges that your country faces with the operation of the joint body, if any?

- Governance issues   
*Please describe, if any:* [fill in]
- Unexpected planning delays   
*Please describe, if any:* [fill in]
- Lack of resources   
*Please describe, if true:* [fill in]
- Lack of mechanism for implementing measures   
*Please describe, if true:* [fill in]
- Lack of effective measures   
*Please describe, if true:* [fill in]
- Unexpected extreme events   
*Please describe, if any:* [fill in]
- Lack of information and reliable forecasts   
*Please describe, if any:* [fill in]
- Others (*please list and describe, as appropriate*): [fill in]

(g) If not all riparian States are members of the joint body how does the body cooperate with them?

- No cooperation
- They have observer status

Other (*please describe*): **In the case of the implementation of the Water Framework Directive and the European Community Floods Directive, the Republic of Austria and the Republic of Poland have an equal status with the Czech Republic and the Federal Republic of Germany within the International Coordination Group (ICG)**

(h) Does the joint body or its subsidiary bodies meet regularly?

Yes /No

If yes, how frequently does it meet? **Each expert group meets approximately 2 times a year (may vary according to actual needs), The International Commission for the Protection of Elbe River meets regularly twice a year**

(i) What are the main achievements with regards to the joint body?: **Improvement of ecological and chemical status of the river Elbe, improvement of flood protection, functional warning system in case of accidental water pollution, preparation of International River Basin and Flood Risk Management Plans according to Water Framework Directive**

(j) Are representatives of international organizations invited to the meetings of the joint body (or bodies) as observers?

Yes /No

(k) Did the joint body ever invite a coastal State to cooperate (art. 9, paras. 3 and 4)?

Yes /No

*If yes, please give details. If no, why not?:* **Germany is coastal state.**

4. Is there a joint or coordinated management plan (such as an action plan or a common strategy) or have joint objectives been set specifically on the transboundary waters subject to cooperation (art. 9, para. 2 (f)) ?

Yes /No

*If yes, please provide further details:* **River Basin Management Plan**

5. How is the transboundary basin, river, lake or aquifer protected, including the protection of ecosystems, in the context of sustainable and rational water use (art. 2, para. 2 (b), and art. 3, para. 1 (i)) ?

Afforestation

Restoration of ecosystems

Environmental flow norms

Groundwater measures (e.g., protection zones)

Other measures (*please list*): [fill in]

6. (a) Does your country exchange information and data with other riparian States in the basin (art. 13)?

Yes /No

(b) If yes, on what subjects are information and data exchanged?

Environmental conditions (art. 13, para. (1) (a))

Research activities and application of best available techniques (arts. 5, 12 and 13, para. 1 (b))

Emission monitoring data (art. 13, para. 1 (c))

Planned measures taken to prevent, control or reduce transboundary impacts (art. 13, para. 1 (d))

Point source pollution sources

Diffuse pollution sources

Existing hydromorphological alterations (dams, etc.)

Discharges

Water abstractions

Future planned measures with transboundary impacts, such as infrastructure development

Other subjects (*please list*):

(c) Is there a shared database or information platform?

Yes /No

(d) Is the database publicly available?

Yes /No

*If yes, please provide the web address:*

(e) What are the main difficulties and challenges to data exchange, if applicable?  
(please describe): **Different national standards of riparian states with regard to data**

(f) What are the main benefits of data exchange on the transboundary waters subject to cooperation? (please describe): **Mutual awareness**

7. Do the riparian States carry out joint monitoring in the transboundary basin, river, lake or aquifer (art. 11, para. 1)?

Yes /No

(a) If yes, what does the joint monitoring cover?

	Covered?	Hydrological	Ecological	Chemical
Border surface waters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface waters in the entire basin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface waters on the main watercourse	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Connected aquifers (or groundwaters)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unconnected aquifers (or groundwaters)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(b) If joint monitoring is carried out, how is this done?

- National monitoring stations connected through a network or common stations
- Joint and agreed methodologies
- Joint sampling
- Common monitoring network
- Common agreed parameters

(c) Please describe the main achievements regarding joint monitoring, if any:

(d) Please describe any difficulties experienced with joint monitoring: [fill in]

8. Do the riparian States carry out joint assessment of the transboundary basin, river, lake or aquifer (art. 11)?

Yes /No

*If yes, please provide the date of the last or only assessment, the frequency and scope (e.g., surface waters or groundwaters only, pollution sources, etc.) of the assessment: **There is harmonisation of assessment of transboundary waterbodies done in line with Water Framework Directive, last was done in 2014.***

9. Have the riparian States agreed to use joint water quality standards?

Yes /No

*If yes, is the basis an international or regional standard (please specify which) or has it been adapted from the national standards of the riparian States?: **Based on Water Framework Directive and Environmental Quality Standards Directive***

10. What are the measures implemented to prevent or limit the transboundary impact of accidental pollution (art. 14)?

Notification and communication

- Coordinated or joint alarm system for accidental water pollution
- Other (*please list*): [fill in]
- No measures
- If not, why not? What difficulties does your country face in putting in place such measures?:* [fill in]
11. What are the measures implemented to prevent or limit the transboundary impact of extreme weather events (art. 14)?
- Notification and communication
- Coordinated or joint alarm system for floods
- Coordinated or joint alarm system for droughts
- Joint climate change adaptation strategy
- Joint disaster risk reduction strategy
- Other (*please list*): [fill in]
- No measures
- If not, why not? What difficulties does your country face in putting in place such measures?:* [fill in]
12. Are procedures in place for mutual assistance in case of a critical situation (art. 15)?  
Yes /No
- If yes, please provide a brief summary:* [fill in]
13. Are the public or relevant stakeholders involved in transboundary water management in the basin, river, lake or aquifer? (art. 16)?  
Yes /No
- If yes, how? (please tick all applicable) (Please note: If your country is a Party to the Convention on Access to Information, Public Participation in Decision-making and Access to Justice in Environmental Matters (Aarhus Convention), you may refer to your country's report under that Convention.): **Please see national Country report on Aarhus Convention at***  
[http://www.unece.org/env/pp/reports\\_trc\\_implementation\\_2017.html](http://www.unece.org/env/pp/reports_trc_implementation_2017.html)
- Stakeholders have observer status in a joint body
- If yes, please specify the stakeholders for each joint body:*
- Czech NGOs: Arnika, GERMAN NGOs: BUND, Grüne Liga e. V., WWF Deutschland,**  
**Another Czech organization: Czech-German Chamber of Commerce and Industry**  
**Other German organizations: Kammerunion Elbe/Oder, Flood Partnership Elbe, AWE, DWA, Hanover Agricultural Chamber**
- Availability of information to the public
- Consultation on planned measures or river basin management plans<sup>d</sup>
- Public involvement
- Other (*please specify*): **Public participation under WFD and the FD**

<sup>d</sup> Or, where applicable, aquifer management plans.

**Please remember to complete section II for each of the transboundary basins, rivers, lakes or aquifers. Please also remember to attach copies of agreements, if any.**

## II. Questions for each transboundary basin, river, lake or aquifer

Please complete this second section for each transboundary basin, river, lake or aquifer, or for group of basins covered by the same agreement or arrangement and where conditions are similar. It might also be convenient to group basins or sub-basins for which your country's share is very small.<sup>a</sup> In some instances, you may provide information on both a basin and one or more of its sub-basins, for example, where you have agreements<sup>b</sup> on both the basin and its sub-basin. You may coordinate your responses with other States with which your country shares the basin or aquifer or even prepare a joint report for shared basins. General information on transboundary water management at the national level should be provided in section I and not repeated here.

Please reproduce the whole section II with its questions for each transboundary basin, river, lake or aquifer, or group of basins for which you will provide a reply.

### **Name of the transboundary basin, river, lake or aquifer, or group thereof, list of the riparian States, and country's share of the basin: Oder River Basin and Elbe River Basin; Poland, the Czech Republic**

1. Is there one or more transboundary (bilateral or multilateral) agreement(s) or arrangement(s) on this basin (art. 9)?

One or more agreements or arrangements exist and are in force

Agreement or arrangement developed but not in force

Agreement or arrangement developed, but not in force for all riparians

*Please insert the name of the agreement or agreements or arrangements: **New Agreement between the Government of the Czech Republic and the Government of the Republic of Poland on Cooperation in Water Management on Transboundary Waters***

Agreement or arrangement is under development

No agreement

*If there is no agreement or arrangement or it is not in force, please explain briefly why not and provide information on any plans to address the situation: [fill in]*

**If there is no agreement or arrangement and no joint body for the transboundary basin, river, lake or aquifer then jump to question 4; if there is no agreement, but a joint body then go to question 3.**

**Questions 2 and 3 to be completed for each bilateral or multilateral agreement or arrangement in force in the transboundary basin, river, lake or aquifer or group of basins or sub-basins**

2. (a) Does this agreement or arrangement specify the basin area subject to cooperation?

Yes /No

If yes, does it cover the entire basin, or group of basins, and all riparian States?

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<sup>a</sup> In principle, section 2 should be submitted for every transboundary basin, river, lake or aquifer, in the country, but States may decide to group basins in which their share is small or leave out basins in which their share is very minor, e.g., below 1 per cent.

<sup>b</sup> In section II, "agreement" covers all kinds of treaties, conventions and agreements ensuring cooperation in the field of transboundary waters. Section II can also be completed for other types of arrangements, such as memorandums of understanding.

Yes /No

If not, what does it cover? : **It covers sections of watercourses intersected by Czech- Polish boundaries or waters where the implemented water management measures could negatively influence water condition of the other state.**

Or, if the agreement or arrangement relates to a sub-basin, does it cover the entire sub-basin?

Yes /No

Which States (including your own) are bound by the agreement or arrangement?  
(Please list): **Austria, the Czech Republic**

(b) Are aquifers (or groundwater bodies) covered by the agreement/arrangement?

Yes /No

(c) What is the sectoral scope of the agreement or arrangement?

All water uses

A single water use or sector

Several water uses or sectors

*If one or several water uses or sectors, please list (check as appropriate):*

**Water uses or sectors**

Industry

Agriculture

Transport (e.g., navigation)

Households

Energy: hydropower and other energy types

Tourism

Nature protection

Other (please list):

(d) What topics or subjects of cooperation are included in the agreement or arrangement (art. 9)?

**Procedural and institutional issues**

Dispute and conflict prevention and resolution

Institutional cooperation (joint bodies)

Consultation on planned measures

Mutual assistance (art. 15)

**Topics of cooperation**

Joint vision and management objectives

Joint significant water management issues

Navigation

Environmental protection (ecosystem)

Water quality

Water quantity or allocation

Cooperation in addressing floods

- Cooperation in addressing droughts
- Climate change adaptation

**Monitoring and exchange**

- Joint assessments
- Data collection and exchange (art. 13)
- Joint monitoring (art. 11)
- Maintenance of joint pollution inventories
- Elaboration of joint water quality objectives
- Common early warning and alarm procedures (art. 14)
- Exchange of experience between riparian States
- Exchange of information on planned measures

**Joint planning and management**

- Development of joint regulations on specific topics
- Development of international or joint river, lake or aquifer basin management or action plans
- Management of shared infrastructure
- Development of shared infrastructure

Other (*please list*): [fill in]

(e) What are the main difficulties and challenges that your country faces with the agreement or arrangement and its implementation, if any (*please describe, if applicable*): **No difficulties with the implementation of agreement.**

(f) What are the main achievements in implementing the agreement or arrangement and what were the keys to achieving such success?: **Long-term cooperation and communication, exchange of information and experiences, common activities at different levels, political commitment.**

(g) Please attach a copy of the agreement or arrangement or provide the web address of the document (*please attach document or insert web address, if applicable*):

[http://www.mzp.cz/C1257458002F0DC7/cz/polsko\\_dokument/\\$FILE/OOV-Polsko-20151005.pdf](http://www.mzp.cz/C1257458002F0DC7/cz/polsko_dokument/$FILE/OOV-Polsko-20151005.pdf)

3. Is your country a member of an operational joint body or joint bodies for this agreement/arrangement (art. 9)?

Yes /No

*If no, why not? (please explain):* [fill in]

**Where there is a joint body (or bodies)**

(a) If there is a joint body, which kind of joint body (*please tick one*)?

- Plenipotentiaries
- Bilateral commission
- Basin or similar commission
- Other (*please describe*): [fill in]

(b) Does the joint body cover the entire transboundary basin or sub-basin, river, lake or aquifer, or group of basins, and all riparian States?

Yes /No

(c) Which States (including your own) are member of the joint body? (*Please list*): **Poland and the Czech Republic**

(d) Does the joint body have any of the following features (*please tick the ones applicable*)?

A secretariat

*If the secretariat is a permanent one, is it a joint secretariat or does each country host its own secretariat? (Please describe):*

A subsidiary body or bodies

*Please list (e.g., working groups on specific topics):*

**Working Group "Planning on Transboundary Waters "**

**Working Group "Hydrology, Hydrogeology and Flood Protection"**

**Working Group "River Regulation, Water Supply and Irrigation"**

**Working Group "Implementation of WFD"**

**Working Group "Protection Against Pollution"**

*Other features (please list):*

(e) What are the tasks and activities of this joint body (art. 9, para. 2)?<sup>c</sup>

Identification of pollution sources

Data collection and exchange

Joint monitoring

Maintenance of joint pollution inventories

Setting emission limits

Elaboration of joint water quality objectives

Management and prevention of flood or drought risks

Preparedness for extreme events, e.g., common early warning and alarm procedures

Water allocation and/or flow regulation

Policy development

Control of implementation

Exchange of experience between riparian States

Exchange of information on existing and planned uses of water and related installations

Settling of differences and conflicts

Consultations on planned measures

Exchange of information on best available technology

Participation in transboundary EIA

Development of river, lake or aquifer basin management or action plans

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<sup>c</sup> This may include tasks according to the agreement or tasks added by the joint body, or its subsidiaries. Both tasks which joint bodies coordinate and tasks which they implement should be included.

- Management of shared infrastructure
- Addressing hydromorphological alterations
- Climate change adaptation
- Joint communication strategy
- Basin-wide or joint public participation and consultation of, for example, basin management plans
- Joint resources to support transboundary cooperation
- Capacity-building
- Any other tasks (*please list*): [fill in]

(f) What are the main difficulties and challenges that your country faces with the operation of the joint body, if any?

- Governance issues   
*Please describe, if any:* [fill in]
- Unexpected planning delays   
*Please describe, if any:* [fill in]
- Lack of resources   
*Please describe, if true:* [fill in]
- Lack of mechanism for implementing measures   
*Please describe, if true:* [fill in]
- Lack of effective measures   
*Please describe, if true:* [fill in]
- Unexpected extreme events   
*Please describe, if any:* [fill in]
- Lack of information and reliable forecasts   
*Please describe, if any:* [fill in]
- Others (*please list and describe, as appropriate*): [fill in]

(g) If not all riparian States are members of the joint body how does the body cooperate with them?

- No cooperation
- They have observer status
- Other (*please describe*): [fill in]

(h) Does the joint body or its subsidiary bodies meet regularly?

Yes /No

If yes, how frequently does it meet? **Subsidiary bodies meet twice a year, the Commission meets once a year.**

(i) What are the main achievements with regards to the joint body?: **effective water management, common projects**

(j) Are representatives of international organizations invited to the meetings of the joint body (or bodies) as observers?

Yes /No

(k) Did the joint body ever invite a coastal State to cooperate (art. 9, paras. 3 and 4)?

Yes /No

*If yes, please give details. If no, why not?:* **This agreement covers the cooperation on transboundary issues and both countries are landlocked countries. The cooperation of the Czech Republic with coastal states is done via multilateral agreements.**

4. Is there a joint or coordinated management plan (such as an action plan or a common strategy) or have joint objectives been set specifically on the transboundary waters subject to cooperation (art. 9, para. 2 (f)) ?

Yes /No

*If yes, please provide further details:* **joint strategies, development programs**

5. How is the transboundary basin, river, lake or aquifer protected, including the protection of ecosystems, in the context of sustainable and rational water use (art. 2, para. 2 (b), and art. 3, para. 1 (i)) ?

Afforestation

Restoration of ecosystems

Environmental flow norms

Groundwater measures (e.g., protection zones)

Other measures (*please list*): [fill in]

6. (a) Does your country exchange information and data with other riparian States in the basin (art. 13)?

Yes /No

(b) If yes, on what subjects are information and data exchanged?

Environmental conditions (art. 13, para. (1) (a))

Research activities and application of best available techniques (arts. 5, 12 and 13, para. 1 (b))

Emission monitoring data (art. 13, para. 1 (c))

Planned measures taken to prevent, control or reduce transboundary impacts (art. 13, para. 1 (d))

Point source pollution sources

Diffuse pollution sources

Existing hydromorphological alterations (dams, etc.)

Discharges

Water abstractions

Future planned measures with transboundary impacts, such as infrastructure development

Other subjects (*please list*): [fill in]

(c) Is there a shared database or information platform?

Yes /No

(d) Is the database publicly available?

Yes /No

*If yes, please provide the web address:* [fill in]

(e) What are the main difficulties and challenges to data exchange, if applicable? *(please describe)*: **No difficulties related to data exchange occur.**

(f) What are the main benefits of data exchange on the transboundary waters subject to cooperation? *(please describe)*: **Mutual awareness.**

7. Do the riparian States carry out joint monitoring in the transboundary basin, river, lake or aquifer (art. 11, para. 1)?

Yes /No

(a) If yes, what does the joint monitoring cover?

	Covered?	Hydrological	Ecological	Chemical
Border surface waters	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Surface waters in the entire basin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface waters on the main watercourse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Connected aquifers (or groundwaters)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unconnected aquifers (or groundwaters)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(b) If joint monitoring is carried out, how is this done?

National monitoring stations connected through a network or common stations

Joint and agreed methodologies

Joint sampling

Common monitoring network

Common agreed parameters

(c) Please describe the main achievements regarding joint monitoring, if any:

**Availability of monitoring results**

(d) Please describe any difficulties experienced with joint monitoring:

**Differences in National methodologies and standards.**

8. Do the riparian States carry out joint assessment of the transboundary basin, river, lake or aquifer (art. 11)?

Yes /No

*If yes, please provide the date of the last or only assessment, the frequency and scope (e.g., surface waters or groundwaters only, pollution sources, etc.) of the assessment: according to the Water Framework Directive*

9. Have the riparian States agreed to use joint water quality standards?

Yes /No

*If yes, is the basis an international or regional standard (please specify which) or has it been adapted from the national standards of the riparian States?: according to the Water Framework Directive and Environmental Quality Standards Directive*

10. What are the measures implemented to prevent or limit the transboundary impact of accidental pollution (art. 14)?

Notification and communication

Coordinated or joint alarm system for accidental water pollution

Other *(please list)*: [fill in]

No measures

*If not, why not? What difficulties does your country face in putting in place such measures?: [fill in]*

11. What are the measures implemented to prevent or limit the transboundary impact of extreme weather events (art. 14)?

Notification and communication

Coordinated or joint alarm system for floods

Coordinated or joint alarm system for droughts

Joint climate change adaptation strategy

Joint disaster risk reduction strategy

Other (*please list*): [fill in]

No measures

*If not, why not? What difficulties does your country face in putting in place such measures?: [fill in]*

12. Are procedures in place for mutual assistance in case of a critical situation (art. 15)?

Yes /No

*If yes, please provide a brief summary: **Mutual assistance is done on the level of local authorities and firefighter brigades, upon request***

13. Are the public or relevant stakeholders involved in transboundary water management in the basin, river, lake or aquifer? (art. 16)?

Yes /No

*If yes, how? (please tick all applicable) (Please note: If your country is a Party to the Convention on Access to Information, Public Participation in Decision-making and Access to Justice in Environmental Matters (Aarhus Convention), you may refer to your country's report under that Convention.): **Please see national Country report on Aarhus Convention at***

[http://www.unece.org/env/pp/reports\\_trc\\_implementation\\_2017.html](http://www.unece.org/env/pp/reports_trc_implementation_2017.html)

Stakeholders have observer status in a joint body

*If yes, please specify the stakeholders for each joint body: [fill in]*

Availability of information to the public

Consultation on planned measures or river basin management plans<sup>d</sup>

Public involvement

Other (*please specify*): **Public Consultation under WFD and FD**

**Please remember to complete section II for each of the transboundary basins, rivers, lakes or aquifers. Please also remember to attach copies of agreements, if any.**

<sup>d</sup> Or, where applicable, aquifer management plans.

## II. Questions for each transboundary basin, river, lake or aquifer

Please complete this second section for each transboundary basin, river, lake or aquifer, or for group of basins covered by the same agreement or arrangement and where conditions are similar. It might also be convenient to group basins or sub-basins for which your country's share is very small.<sup>a</sup> In some instances, you may provide information on both a basin and one or more of its sub-basins, for example, where you have agreements<sup>b</sup> on both the basin and its sub-basin. You may coordinate your responses with other States with which your country shares the basin or aquifer or even prepare a joint report for shared basins. General information on transboundary water management at the national level should be provided in section I and not repeated here.

Please reproduce the whole section II with its questions for each transboundary basin, river, lake or aquifer, or group of basins for which you will provide a reply.

### Name of the transboundary basin, river, lake or aquifer, or group thereof, list of the riparian States, and country's share of the basin: Vltava River Basin, Ohře River Basin; Germany, the Czech Republic

1. Is there one or more transboundary (bilateral or multilateral) agreement(s) or arrangement(s) on this basin (art. 9)?

One or more agreements or arrangements exist and are in force

Agreement or arrangement developed but not in force

Agreement or arrangement developed, but not in force for all riparians

*Please insert the name of the agreement or agreements or arrangements:* **Treaty between the Czech Republic and the Federal Republic of Germany on Transboundary Waters in the Field of Water Management**

Agreement or arrangement is under development

No agreement

*If there is no agreement or arrangement or it is not in force, please explain briefly why not and provide information on any plans to address the situation: [fill in]*

**If there is no agreement or arrangement and no joint body for the transboundary basin, river, lake or aquifer then jump to question 4; if there is no agreement, but a joint body then go to question 3.**

**Questions 2 and 3 to be completed for each bilateral or multilateral agreement or arrangement in force in the transboundary basin, river, lake or aquifer or group of basins or sub-basins**

2. (a) Does this agreement or arrangement specify the basin area subject to cooperation?

Yes /No

If yes, does it cover the entire basin, or group of basins, and all riparian States?

Yes /No

If not, what does it cover? : **It covers sections of watercourses intersected by Czech - German boundaries or waters where the implemented water**

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<sup>a</sup> In principle, section 2 should be submitted for every transboundary basin, river, lake or aquifer, in the country, but States may decide to group basins in which their share is small or leave out basins in which their share is very minor, e.g., below 1 per cent.

<sup>b</sup> In section II, "agreement" covers all kinds of treaties, conventions and agreements ensuring cooperation in the field of transboundary waters. Section II can also be completed for other types of arrangements, such as memorandums of understanding.

**management measures could negatively influence water condition of the other state.**

Or, if the agreement or arrangement relates to a sub-basin, does it cover the entire sub-basin?

Yes /No

Which States (including your own) are bound by the agreement or arrangement?

*(Please list):* **Germany, the Czech Republic**

(b) Are aquifers (or groundwater bodies) covered by the agreement/arrangement?

Yes /No

(c) What is the sectoral scope of the agreement or arrangement?

All water uses

A single water use or sector

Several water uses or sectors

*If one or several water uses or sectors, please list (check as appropriate):*

**Water uses or sectors**

Industry

Agriculture

Transport (e.g., navigation)

Households

Energy: hydropower and other energy types

Tourism

Nature protection

Other *(please list)*:

(d) What topics or subjects of cooperation are included in the agreement or arrangement (art. 9)?

**Procedural and institutional issues**

Dispute and conflict prevention and resolution

Institutional cooperation (joint bodies)

Consultation on planned measures

Mutual assistance (art. 15)

**Topics of cooperation**

Joint vision and management objectives

Joint significant water management issues

Navigation

Environmental protection (ecosystem)

Water quality

Water quantity or allocation

Cooperation in addressing floods

Cooperation in addressing droughts

Climate change adaptation

### Monitoring and exchange

- Joint assessments
- Data collection and exchange (art. 13)
- Joint monitoring (art. 11)
- Maintenance of joint pollution inventories
- Elaboration of joint water quality objectives
- Common early warning and alarm procedures (art. 14)
- Exchange of experience between riparian States
- Exchange of information on planned measures

### Joint planning and management

- Development of joint regulations on specific topics
- Development of international or joint river, lake or aquifer basin management or action plans
- Management of shared infrastructure
- Development of shared infrastructure

Other (*please list*):

(e) What are the main difficulties and challenges that your country faces with the agreement or arrangement and its implementation, if any (*please describe, if applicable*): **No difficulties with the implementation of agreement**

(f) What are the main achievements in implementing the agreement or arrangement and what were the keys to achieving such success?: **Long-term cooperation and communication, exchange of information and experiences, common activities at different levels, political commitment.**

(g) Please attach a copy of the agreement or arrangement or provide the web address of the document (*please attach document or insert web address, if applicable*):

[http://www.mzp.cz/C1257458002F0DC7/cz/nemecko\\_dokument/\\$FILE/OOV-smlouva\\_Cesko\\_Nemecko-20131003.pdf](http://www.mzp.cz/C1257458002F0DC7/cz/nemecko_dokument/$FILE/OOV-smlouva_Cesko_Nemecko-20131003.pdf)

3. Is your country a member of an operational joint body or joint bodies for this agreement/arrangement (art. 9)?

Yes /No

*If no, why not? (please explain):* [fill in]

### Where there is a joint body (or bodies)

- (a) If there is a joint body, which kind of joint body (*please tick one*)?

- Plenipotentiaries
- Bilateral commission
- Basin or similar commission

Other (*please describe*): [fill in]

- (b) Does the joint body cover the entire transboundary basin or sub-basin, river, lake or aquifer, or group of basins, and all riparian States?

Yes /No

- (c) Which States (including your own) are member of the joint body? (*Please list*): **Germany and the Czech Republic**

(d) Does the joint body have any of the following features (*please tick the ones applicable*)?

A secretariat

*If the secretariat is a permanent one, is it a joint secretariat or does each country host its own secretariat? (Please describe):* **each country has its own secretariat**

A subsidiary body or bodies

*Please list (e.g., working groups on specific topics):* **Working group for the implementation of Water Framework Directive, working group for River Perennial, Direct co-operation between competent authorities and specialist workplaces is established for:**

**Water quality**

**Water management measures**

**Hydrology**

Other features (*please list*):

(e) What are the tasks and activities of this joint body (art. 9, para. 2)?<sup>c</sup>

Identification of pollution sources

Data collection and exchange

Joint monitoring

Maintenance of joint pollution inventories

Setting emission limits

Elaboration of joint water quality objectives

Management and prevention of flood or drought risks

Preparedness for extreme events, e.g., common early warning and alarm procedures

Water allocation and/or flow regulation

Policy development

Control of implementation

Exchange of experience between riparian States

Exchange of information on existing and planned uses of water and related installations

Settling of differences and conflicts

Consultations on planned measures

Exchange of information on best available technology

Participation in transboundary EIA

Development of river, lake or aquifer basin management or action plans

Management of shared infrastructure

Addressing hydromorphological alterations

Climate change adaptation

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<sup>c</sup> This may include tasks according to the agreement or tasks added by the joint body, or its subsidiaries. Both tasks which joint bodies coordinate and tasks which they implement should be included.

- Joint communication strategy
- Basin-wide or joint public participation and consultation of, for example, basin management plans
- Joint resources to support transboundary cooperation
- Capacity-building
- Any other tasks (*please list*): [fill in]

(f) What are the main difficulties and challenges that your country faces with the operation of the joint body, if any?

- Governance issues   
*Please describe, if any:* [fill in]
- Unexpected planning delays   
*Please describe, if any:* [fill in]
- Lack of resources   
*Please describe, if true:* [fill in]
- Lack of mechanism for implementing measures   
*Please describe, if true:* [fill in]
- Lack of effective measures   
*Please describe, if true:* [fill in]
- Unexpected extreme events   
*Please describe, if any:* [fill in]
- Lack of information and reliable forecasts   
*Please describe, if any:* [fill in]
- Others (*please list and describe, as appropriate*): [fill in]

(g) If not all riparian States are members of the joint body how does the body cooperate with them?

- No cooperation
- They have observer status
- Other (*please describe*): [fill in]

(h) Does the joint body or its subsidiary bodies meet regularly?

Yes /No

If yes, how frequently does it meet? **Subsidiary bodies meet twice a year, the Commission meets once a year**

(i) What are the main achievements with regards to the joint body?: **effective water management, common projects**

(j) Are representatives of international organizations invited to the meetings of the joint body (or bodies) as observers?

Yes /No

(k) Did the joint body ever invite a coastal State to cooperate (art. 9, paras. 3 and 4)?

Yes /No

*If yes, please give details. If no, why not?:* **This agreement covers the cooperation on transboundary issues and the concerned Czech - German boundaries are not relevant for coastal part of Germany. The Czech Republic cooperates with Germany as a coastal state in International Commission for the Protection of the Elbe River.**

4. Is there a joint or coordinated management plan (such as an action plan or a common strategy) or have joint objectives been set specifically on the transboundary waters subject to cooperation (art. 9, para. 2 (f)) ?

Yes /No

*If yes, please provide further details:* **joint strategies, development programs**

5. How is the transboundary basin, river, lake or aquifer protected, including the protection of ecosystems, in the context of sustainable and rational water use (art. 2, para. 2 (b), and art. 3, para. 1 (i)) ?

Afforestation

Restoration of ecosystems

Environmental flow norms

Groundwater measures (e.g., protection zones)

Other measures (*please list*): [fill in]

6. (a) Does your country exchange information and data with other riparian States in the basin (art. 13)?

Yes /No

- (b) If yes, on what subjects are information and data exchanged?

Environmental conditions (art. 13, para. (1) (a))

Research activities and application of best available techniques (arts. 5, 12 and 13, para. 1 (b))

Emission monitoring data (art. 13, para. 1 (c))

Planned measures taken to prevent, control or reduce transboundary impacts (art. 13, para. 1 (d))

Point source pollution sources

Diffuse pollution sources

Existing hydromorphological alterations (dams, etc.)

Discharges

Water abstractions

Future planned measures with transboundary impacts, such as infrastructure development

Other subjects (*please list*): [fill in]

- (c) Is there a shared database or information platform?

Yes /No

- (d) Is the database publicly available?

Yes /No

*If yes, please provide the web address:* [fill in]

- (e) What are the main difficulties and challenges to data exchange, if applicable? (*please describe*): **No difficulties related to data exchange occur.**

(f) What are the main benefits of data exchange on the transboundary waters subject to cooperation? (*please describe*): **Mutual awareness.**

7. Do the riparian States carry out joint monitoring in the transboundary basin, river, lake or aquifer (art. 11, para. 1)? **There is 1 profile where the joint monitoring is done.**

Yes /No

- (a) If yes, what does the joint monitoring cover?

	Covered?	Hydrological	Ecological	Chemical
Border surface waters	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Surface waters in the entire basin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface waters on the main watercourse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Connected aquifers (or groundwaters)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unconnected aquifers (or groundwaters)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- (b) If joint monitoring is carried out, how is this done?

National monitoring stations connected through a network or common stations	<input type="checkbox"/>
Joint and agreed methodologies	<input type="checkbox"/>
Joint sampling	<input checked="" type="checkbox"/>
Common monitoring network	<input checked="" type="checkbox"/>
Common agreed parameters	<input checked="" type="checkbox"/>

- (c) Please describe the main achievements regarding joint monitoring, if any:

**Availability of monitoring results**

- (d) Please describe any difficulties experienced with joint monitoring:  
**Differences in National methodologies and standards.**

8. Do the riparian States carry out joint assessment of the transboundary basin, river, lake or aquifer (art. 11)?

Yes /No

*If yes, please provide the date of the last or only assessment, the frequency and scope (e.g., surface waters or groundwaters only, pollution sources, etc.) of the assessment: **There is harmonisation of assessment of transboundary waterbodies done in line with Water Framework Directive, last was done in 2014.***

9. Have the riparian States agreed to use joint water quality standards?

Yes /No

*If yes, is the basis an international or regional standard (please specify which) or has it been adapted from the national standards of the riparian States?: **according to the Water Framework Directive and Environmental Quality Standards Directive***

10. What are the measures implemented to prevent or limit the transboundary impact of accidental pollution (art. 14)?

Notification and communication	<input type="checkbox"/>
Coordinated or joint alarm system for accidental water pollution	<input checked="" type="checkbox"/>
Other ( <i>please list</i> ): [fill in]	
No measures	<input type="checkbox"/>

*If not, why not? What difficulties does your country face in putting in place such measures?: [fill in]*

11. What are the measures implemented to prevent or limit the transboundary impact of extreme weather events (art. 14)?

Notification and communication

Coordinated or joint alarm system for floods

Coordinated or joint alarm system for droughts

Joint climate change adaptation strategy

Joint disaster risk reduction strategy

Other (*please list*): [fill in]

No measures

*If not, why not? What difficulties does your country face in putting in place such measures?: [fill in]*

12. Are procedures in place for mutual assistance in case of a critical situation (art. 15)?

Yes /No

*If yes, please provide a brief summary:* **Mutual assistance is done on the level of local authorities and firefighter brigades, upon request**

13. Are the public or relevant stakeholders involved in transboundary water management in the basin, river, lake or aquifer? (art. 16)?

Yes /No

*If yes, how? (please tick all applicable) (Please note: If your country is a Party to the Convention on Access to Information, Public Participation in Decision-making and Access to Justice in Environmental Matters (Aarhus Convention), you may refer to your country's report under that Convention.):* **Please see national Country report on Aarhus Convention at**

[http://www.unece.org/env/pp/reports\\_trc\\_implementation\\_2017.html](http://www.unece.org/env/pp/reports_trc_implementation_2017.html)

Stakeholders have observer status in a joint body

*If yes, please specify the stakeholders for each joint body:* [fill in]

Availability of information to the public

Consultation on planned measures or river basin management plans<sup>d</sup>

Public involvement

Other (*please specify*): **Public participation under WFD and FD**

**Please remember to complete section II for each of the transboundary basins, rivers, lakes or aquifers. Please also remember to attach copies of agreements, if any.**

<sup>d</sup> Or, where applicable, aquifer management plans.

## II. Questions for each transboundary basin, river, lake or aquifer

Please complete this second section for each transboundary basin, river, lake or aquifer, or for group of basins covered by the same agreement or arrangement and where conditions are similar. It might also be convenient to group basins or sub-basins for which your country's share is very small.<sup>a</sup> In some instances, you may provide information on both a basin and one or more of its sub-basins, for example, where you have agreements<sup>b</sup> on both the basin and its sub-basin. You may coordinate your responses with other States with which your country shares the basin or aquifer or even prepare a joint report for shared basins. General information on transboundary water management at the national level should be provided in section I and not repeated here.

Please reproduce the whole section II with its questions for each transboundary basin, river, lake or aquifer, or group of basins for which you will provide a reply.

### **Name of the transboundary basin, river, lake or aquifer, or group thereof, list of the riparian States, and country's share of the basin: Vltava River Basin and Morava River Basin; Austria, the Czech Republic**

1. Is there one or more transboundary (bilateral or multilateral) agreement(s) or arrangement(s) on this basin (art. 9)?

One or more agreements or arrangements exist and are in force

Agreement or arrangement developed but not in force

Agreement or arrangement developed, but not in force for all riparians

*Please insert the name of the agreement or agreements or arrangements: **Treaty between the Czechoslovak Socialist Republic and the Republic of Austria on Water Management Issues on Transboundary Waters***

Agreement or arrangement is under development

No agreement

*If there is no agreement or arrangement or it is not in force, please explain briefly why not and provide information on any plans to address the situation: [fill in]*

**If there is no agreement or arrangement and no joint body for the transboundary basin, river, lake or aquifer then jump to question 4; if there is no agreement, but a joint body then go to question 3.**

**Questions 2 and 3 to be completed for each bilateral or multilateral agreement or arrangement in force in the transboundary basin, river, lake or aquifer or group of basins or sub-basins**

2. (a) Does this agreement or arrangement specify the basin area subject to cooperation?

Yes /No

If yes, does it cover the entire basin, or group of basins, and all riparian States?

Yes /No

If not, what does it cover? : **This treaty covers issues of water management and measures at border waters as are:**

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<sup>a</sup> In principle, section 2 should be submitted for every transboundary basin, river, lake or aquifer, in the country, but States may decide to group basins in which their share is small or leave out basins in which their share is very minor, e.g., below 1 per cent.

<sup>b</sup> In section II, "agreement" covers all kinds of treaties, conventions and agreements ensuring cooperation in the field of transboundary waters. Section II can also be completed for other types of arrangements, such as memorandums of understanding.

- a) **Ranges of waters, where the state border of the states of the treaty lies within them**
- b) **Waters crossing the State Border or neighbouring the state border as far as water management measures carried out on the territory of on state of the treaty would influence significantly negatively the state of the water on the territory of the other state of the treaty**

➔ **Practically all bilateral relevant issues within the Austrian and Czech subcatchment area of Vltava/Moldau, Lužnice/Lainsitz, Dyje/Thaya and Morava/March can be addressed.**

Or, if the agreement or arrangement relates to a sub-basin, does it cover the entire sub-basin?

Yes /No

Which States (including your own) are bound by the agreement or arrangement?  
(Please list): **Austria, the Czech Republic**

- (b) Are aquifers (or groundwater bodies) covered by the agreement/arrangement?

Yes /No

- (c) What is the sectoral scope of the agreement or arrangement?

All water uses (except fishery and energy business hydro-electric power utilization – power generation)

A single water use or sector

Several water uses or sectors

*If one or several water uses or sectors, please list (check as appropriate):*

**Water uses or sectors**

Industry

Agriculture

Transport (e.g., navigation)

Households

Energy: hydropower and other energy types

Tourism

Nature protection

Other (please list):

- (d) What topics or subjects of cooperation are included in the agreement or arrangement (art. 9)?

**Procedural and institutional issues**

Dispute and conflict prevention and resolution

Institutional cooperation (joint bodies)

Consultation on planned measures

Mutual assistance (art. 15)

**Topics of cooperation**

Joint vision and management objectives

Joint significant water management issues

Navigation

- Environmental protection (ecosystem)
- Water quality
- Water quantity or allocation
- Cooperation in addressing floods
- Cooperation in addressing droughts
- Climate change adaptation

**Monitoring and exchange**

- Joint assessments
- Data collection and exchange (art. 13)
- Joint monitoring (art. 11)
- Maintenance of joint pollution inventories
- Elaboration of joint water quality objectives
- Common early warning and alarm procedures (art. 14)
- Exchange of experience between riparian States
- Exchange of information on planned measures

**Joint planning and management**

- Development of joint regulations on specific topics
- Development of international or joint river, lake or aquifer basin management or action plans
- Management of shared infrastructure
- Development of shared infrastructure

Other (*please list*): [**coordination of national WFD planning**]

(e) What are the main difficulties and challenges that your country faces with the agreement or arrangement and its implementation, if any (*please describe, if applicable*): **No difficulties with the implementation of agreement.**

(f) What are the main achievements in implementing the agreement or arrangement and what were the keys to achieving such success?: **Long-term cooperation and communication, exchange of information and experiences, common activities at different levels, political commitment.**

(g) Please attach a copy of the agreement or arrangement or provide the web address of the document (*please attach document or insert web address, if applicable*):

[http://www.mzp.cz/C1257458002F0DC7/cz/rakousko\\_dokument/\\$FILE/OOV-smlouva\\_HV\\_Rak-20131003.pdf](http://www.mzp.cz/C1257458002F0DC7/cz/rakousko_dokument/$FILE/OOV-smlouva_HV_Rak-20131003.pdf)

3. Is your country a member of an operational joint body or joint bodies for this agreement/arrangement (art. 9)?

Yes /No

*If no, why not? (please explain):* [fill in]

**Where there is a joint body (or bodies)**

(a) If there is a joint body, which kind of joint body (*please tick one*)?

- Plenipotentiaries
- Bilateral commission

Basin or similar commission

Other (*please describe*): [fill in]

(b) Does the joint body cover the entire transboundary basin or sub-basin, river, lake or aquifer, or group of basins, and all riparian States?

Yes /No

(c) Which States (including your own) are member of the joint body? (*Please list*): **Austria and the Czech Republic**

(d) Does the joint body have any of the following features (*please tick the ones applicable*)?

A secretariat

*If the secretariat is a permanent one, is it a joint secretariat or does each country host its own secretariat? (Please describe):* joint secretariat

A subsidiary body or bodies

*Please list (e.g., working groups on specific topics):* **2 Sub-commissions dealing with particular topics of cooperation, expert group and in case of need the ad hoc working groups can be created**

*Other features (please list):*

(e) What are the tasks and activities of this joint body (art. 9, para. 2)?<sup>c</sup>

Identification of pollution sources

Data collection and exchange

Joint monitoring

Maintenance of joint pollution inventories

Setting emission limits

Elaboration of joint water quality objectives

Management and prevention of flood or drought risks

Preparedness for extreme events, e.g., common early warning and alarm procedures

Water allocation and/or flow regulation

Policy development

Control of implementation

Exchange of experience between riparian States

Exchange of information on existing and planned uses of water and related installations

Settling of differences and conflicts

Consultations on planned measures

Exchange of information on best available technology

Participation in transboundary EIA

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<sup>c</sup> This may include tasks according to the agreement or tasks added by the joint body, or its subsidiaries. Both tasks which joint bodies coordinate and tasks which they implement should be included.

- Development of river, lake or aquifer basin management or action plans
- Management of shared infrastructure
- Addressing hydromorphological alterations
- Climate change adaptation
- Joint communication strategy
- Basin-wide or joint public participation and consultation of, for example, basin management plans
- Joint resources to support transboundary cooperation
- Capacity-building
- Any other tasks (*please list*): [fill in]

(f) What are the main difficulties and challenges that your country faces with the operation of the joint body, if any?

- Governance issues   
*Please describe, if any:* [fill in]
- Unexpected planning delays   
*Please describe, if any:* [fill in]
- Lack of resources   
*Please describe, if true:* [fill in]
- Lack of mechanism for implementing measures   
*Please describe, if true:* [fill in]
- Lack of effective measures   
*Please describe, if true:* [fill in]
- Unexpected extreme events   
*Please describe, if any:* [fill in]
- Lack of information and reliable forecasts   
*Please describe, if any:* [fill in]
- Others (*please list and describe, as appropriate*): [fill in]

(g) If not all riparian States are members of the joint body how does the body cooperate with them?

- No cooperation
- They have observer status
- Other (*please describe*): **Trilateral meetings between Austria, the Czech**

**Republic and Slovakia**

(h) Does the joint body or its subsidiary bodies meet regularly?

Yes /No

If yes, how frequently does it meet? **Commission and Subcommissions meet once a year, experts meet more frequently, plenipotentiaries meet once a year.**

(i) What are the main achievements with regards to the joint body?: **effective water management, common projects**

(j) Are representatives of international organizations invited to the meetings of the joint body (or bodies) as observers?

Yes /No

(k) Did the joint body ever invite a coastal State to cooperate (art. 9, paras. 3 and 4)?

Yes /No

*If yes, please give details. If no, why not?:* **This agreement covers the cooperation on transboundary issues and both countries are landlocked countries. The cooperation of the Czech Republic with coastal states is done via multilateral agreements .**

4. Is there a joint or coordinated management plan (such as an action plan or a common strategy) or have joint objectives been set specifically on the transboundary waters subject to cooperation (art. 9, para. 2 (f)) ?

Yes /No

*If yes, please provide further details:* **joint strategies, development programs**

5. How is the transboundary basin, river, lake or aquifer protected, including the protection of ecosystems, in the context of sustainable and rational water use (art. 2, para. 2 (b), and art. 3, para. 1 (i)) ?

Afforestation

Restoration of ecosystems

Environmental flow norms

Groundwater measures (e.g., protection zones)

Other measures (*please list*): [fill in]

6. (a) Does your country exchange information and data with other riparian States in the basin (art. 13)?

Yes /No

(b) If yes, on what subjects are information and data exchanged?

Environmental conditions (art. 13, para. (1) (a))

Research activities and application of best available techniques (arts. 5, 12 and 13, para. 1 (b))

Emission monitoring data (art. 13, para. 1 (c))

Planned measures taken to prevent, control or reduce transboundary impacts (art. 13, para. 1 (d))

Point source pollution sources

Diffuse pollution sources

Existing hydromorphological alterations (dams, etc.)

Discharges

Water abstractions

Future planned measures with transboundary impacts, such as infrastructure development

Other subjects (*please list*): [fill in]

(c) Is there a shared database or information platform?

Yes /No

(d) Is the database publicly available?

Yes /No

If yes, please provide the web address: [fill in]

(e) What are the main difficulties and challenges to data exchange, if applicable? (please describe): **No difficulties related to data exchange occur.**

(f) What are the main benefits of data exchange on the transboundary waters subject to cooperation? (please describe): **Mutual awareness.**

7. Do the riparian States carry out joint monitoring in the transboundary basin, river, lake or aquifer (art. 11, para. 1)?

Yes /No

(a) If yes, what does the joint monitoring cover?

	Covered?	Hydrological	Ecological	Chemical
Border surface waters	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Surface waters in the entire basin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface waters on the main watercourse	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Connected aquifers (or groundwaters)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Unconnected aquifers (or groundwaters)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(b) If joint monitoring is carried out, how is this done?

National monitoring stations connected through a network or common stations	<input checked="" type="checkbox"/>
Joint and agreed methodologies	<input checked="" type="checkbox"/>
Joint sampling	<input checked="" type="checkbox"/>
Common monitoring network	<input checked="" type="checkbox"/>
Common agreed parameters	<input checked="" type="checkbox"/>

(c) Please describe the main achievements regarding joint monitoring, if any: **Availability of monitoring results**

(d) Please describe any difficulties experienced with joint monitoring: **Differences in National methodologies and standards.**

8. Do the riparian States carry out joint assessment of the transboundary basin, river, lake or aquifer (art. 11)?

Yes /No

If yes, please provide the date of the last or only assessment, the frequency and scope (e.g., surface waters or groundwaters only, pollution sources, etc.) of the assessment: **Regularly at meetings of experts and Subcommissions**

9. Have the riparian States agreed to use joint water quality standards?

Yes /No

If yes, is the basis an international or regional standard (please specify which) or has it been adapted from the national standards of the riparian States?: **according to the Water Framework Directive**

10. What are the measures implemented to prevent or limit the transboundary impact of accidental pollution (art. 14)?

Notification and communication	<input checked="" type="checkbox"/>
Coordinated or joint alarm system for accidental water pollution	<input checked="" type="checkbox"/>
Other (please list): [fill in]	

No measures

*If not, why not? What difficulties does your country face in putting in place such measures?: [fill in]*

11. What are the measures implemented to prevent or limit the transboundary impact of extreme weather events (art. 14)?

Notification and communication

Coordinated or joint alarm system for floods

Coordinated or joint alarm system for droughts

Joint climate change adaptation strategy

Joint disaster risk reduction strategy

Other (*please list*): **Common regulation for accidental water pollution**

No measures

*If not, why not? What difficulties does your country face in putting in place such measures?: [fill in]*

12. Are procedures in place for mutual assistance in case of a critical situation (art. 15)?

Yes /No

*If yes, please provide a brief summary:* **Mutual assistance is done on the level of local authorities and firefighter brigades, upon request**

13. Are the public or relevant stakeholders involved in transboundary water management in the basin, river, lake or aquifer? (art. 16)?

Yes /No

*If yes, how? (please tick all applicable) (Please note: If your country is a Party to the Convention on Access to Information, Public Participation in Decision-making and Access to Justice in Environmental Matters (Aarhus Convention), you may refer to your country's report under that Convention.):* **Please see national Country report on Aarhus Convention at**

[http://www.unece.org/env/pp/reports\\_trc\\_implementation\\_2017.html](http://www.unece.org/env/pp/reports_trc_implementation_2017.html)

Stakeholders have observer status in a joint body

*If yes, please specify the stakeholders for each joint body: [fill in]*

Availability of information to the public

Consultation on planned measures or river basin management plans<sup>d</sup>

Public involvement

Other (*please specify*): **Public participation EU- WFD and EU FD**

**Please remember to complete section II for each of the transboundary basins, rivers, lakes or aquifers. Please also remember to attach copies of agreements, if any.**

<sup>d</sup> Or, where applicable, aquifer management plans.

## II. Questions for each transboundary basin, river, lake or aquifer

Please complete this second section for each transboundary basin, river, lake or aquifer, or for group of basins covered by the same agreement or arrangement and where conditions are similar. It might also be convenient to group basins or sub-basins for which your country's share is very small.<sup>a</sup> In some instances, you may provide information on both a basin and one or more of its sub-basins, for example, where you have agreements<sup>b</sup> on both the basin and its sub-basin. You may coordinate your responses with other States with which your country shares the basin or aquifer or even prepare a joint report for shared basins. General information on transboundary water management at the national level should be provided in section I and not repeated here.

Please reproduce the whole section II with its questions for each transboundary basin, river, lake or aquifer, or group of basins for which you will provide a reply.

### **Name of the transboundary basin, river, lake or aquifer, or group thereof, list of the riparian States, and country's share of the basin: Oder River Basin: Germany, the Czech Republic, Poland**

1. Is there one or more transboundary (bilateral or multilateral) agreement(s) or arrangement(s) on this basin (art. 9)?

One or more agreements or arrangements exist and are in force

Agreement or arrangement developed but not in force

Agreement or arrangement developed, but not in force for all riparians

*Please insert the name of the agreement or agreements or arrangements:*  
**Convention on the International Commission on the Protection of the Oder against Pollution**

Agreement or arrangement is under development

No agreement

*If there is no agreement or arrangement or it is not in force, please explain briefly why not and provide information on any plans to address the situation: [fill in]*

**If there is no agreement or arrangement and no joint body for the transboundary basin, river, lake or aquifer then jump to question 4; if there is no agreement, but a joint body then go to question 3.**

### **Questions 2 and 3 to be completed for each bilateral or multilateral agreement or arrangement in force in the transboundary basin, river, lake or aquifer or group of basins or sub-basins**

2. (a) Does this agreement or arrangement specify the basin area subject to cooperation?

Yes /No

If yes, does it cover the entire basin, or group of basins, and all riparian States?

Yes /No

If not, what does it cover?

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<sup>a</sup> In principle, section 2 should be submitted for every transboundary basin, river, lake or aquifer, in the country, but States may decide to group basins in which their share is small or leave out basins in which their share is very minor, e.g., below 1 per cent.

<sup>b</sup> In section II, "agreement" covers all kinds of treaties, conventions and agreements ensuring cooperation in the field of transboundary waters. Section II can also be completed for other types of arrangements, such as memorandums of understanding.

Or, if the agreement or arrangement relates to a sub-basin, does it cover the entire sub-basin?

Yes /No

Which States (including your own) are bound by the agreement or arrangement?  
(Please list): **the Czech Republic, Germany and Poland**

(b) Are aquifers (or groundwater bodies) covered by the agreement/arrangement?

Yes /No

(c) What is the sectoral scope of the agreement or arrangement?

All water uses

A single water use or sector

Several water uses or sectors

*If one or several water uses or sectors, please list (check as appropriate):*

**Water uses or sectors**

Industry

Agriculture

Transport (e.g., navigation)

Households

Energy: hydropower and other energy types

Tourism

Nature protection

Other (please list): [fill in]

(d) What topics or subjects of cooperation are included in the agreement or arrangement (art. 9)?

**Procedural and institutional issues**

Dispute and conflict prevention and resolution

Institutional cooperation (joint bodies)

Consultation on planned measures

Mutual assistance (art. 15)

**Topics of cooperation**

Joint vision and management objectives

Joint significant water management issues

Navigation

Environmental protection (ecosystem)

Water quality

Water quantity or allocation

Cooperation in addressing floods

Cooperation in addressing droughts

Climate change adaptation

**Monitoring and exchange**

- Joint assessments
- Data collection and exchange (art. 13)
- Joint monitoring (art. 11)
- Maintenance of joint pollution inventories
- Elaboration of joint water quality objectives
- Common early warning and alarm procedures (art. 14)
- Exchange of experience between riparian States
- Exchange of information on planned measures

**Joint planning and management**

- Development of joint regulations on specific topics
- Development of international or joint river, lake or aquifer basin management or action plans
- Management of shared infrastructure
- Development of shared infrastructure

Other (*please list*): [fill in]

(e) What are the main difficulties and challenges that your country faces with the agreement or arrangement and its implementation, if any (*please describe, if applicable*): **There are no significant difficulties with the implementation of the agreement.**

(f) What are the main achievements in implementing the agreement or arrangement and what were the keys to achieving such success?: **Improvement of ecological and chemical status of the Oder river, improvement of flood protection, functional warning system in case of accidental water pollution, preparation of International River Basin and Flood Risk Management Plans according to Water Framework Directive**

(g) Please attach a copy of the agreement or arrangement or provide the web address of the document (*please attach document or insert web address, if applicable*):

<http://mkoo.pl/index.php?mid=1&aid=7&lang=EN>

3. Is your country a member of an operational joint body or joint bodies for this agreement/arrangement (art. 9)?

Yes /No

*If no, why not? (please explain):* [fill in]

**Where there is a joint body (or bodies)**

(a) If there is a joint body, which kind of joint body (*please tick one*)?

- Plenipotentiaries
- Bilateral commission
- Basin or similar commission

Other (*please describe*): [fill in]

(b) Does the joint body cover the entire transboundary basin or sub-basin, river, lake or aquifer, or group of basins, and all riparian States?

Yes /No

(c) Which States (including your own) are member of the joint body? *(Please list)*: **the Czech Republic, Germany and Poland**

(d) Does the joint body have any of the following features *(please tick the ones applicable)*?

A secretariat

*If the secretariat is a permanent one, is it a joint secretariat or does each country host its own secretariat? (Please describe):* **Permanent joint secretariat**

A subsidiary body or bodies

*Please list (e.g., working groups on specific topics):*

**Working Group "Water Framework Directive"**

**Working Group "Flood"**

**Working Group "Accidental Pollution"**

**Working Group "Legal Issues"**

**Working Group "Data Management"**

**Working Sub-group "Monitoring"**

**Working Group "River Basin Management Plan"**

Other features *(please list)*: [fill in]

(e) What are the tasks and activities of this joint body (art. 9, para. 2)?<sup>c</sup>

Identification of pollution sources

Data collection and exchange

Joint monitoring

Maintenance of joint pollution inventories

Setting emission limits

Elaboration of joint water quality objectives

Management and prevention of flood or drought risks

Preparedness for extreme events, e.g., common early warning and alarm procedures

Water allocation and/or flow regulation

Policy development

Control of implementation

Exchange of experience between riparian States

Exchange of information on existing and planned uses of water and related installations

Settling of differences and conflicts

Consultations on planned measures

Exchange of information on best available technology

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<sup>c</sup> This may include tasks according to the agreement or tasks added by the joint body, or its subsidiaries. Both tasks which joint bodies coordinate and tasks which they implement should be included.

- Participation in transboundary EIA
- Development of river, lake or aquifer basin management or action plans
- Management of shared infrastructure
- Addressing hydromorphological alterations
- Climate change adaptation
- Joint communication strategy
- Basin-wide or joint public participation and consultation of, for example, basin management plans
- Joint resources to support transboundary cooperation
- Capacity-building
- Any other tasks (*please list*): [fill in]

(f) What are the main difficulties and challenges that your country faces with the operation of the joint body, if any?

- Governance issues   
*Please describe, if any:* [fill in]
- Unexpected planning delays   
*Please describe, if any:* [fill in]
- Lack of resources   
*Please describe, if true:* [fill in]
- Lack of mechanism for implementing measures   
*Please describe, if true:* [fill in]
- Lack of effective measures   
*Please describe, if true:* [fill in]
- Unexpected extreme events   
*Please describe, if any:* [fill in]
- Lack of information and reliable forecasts   
*Please describe, if any:* [fill in]
- Others (*please list and describe, as appropriate*): [fill in]

(g) If not all riparian States are members of the joint body how does the body cooperate with them?

- No cooperation
- They have observer status
- Other (*please describe*): [fill in]

(h) Does the joint body or its subsidiary bodies meet regularly?

Yes /No

If yes, how frequently does it meet? **Each expert group meets approximately 2 times a year (may vary according to actual needs), The International Commission for the Protection of the Oder River meets regularly twice a year.**

(i) What are the main achievements with regards to the joint body?: **Improvement of ecological and chemical status of the Oder river, improvement of flood protection, functional**

**warning system in case of accidental water pollution, preparation of International River Basin and Flood Risk Management Plans according to Water Framework Directive**

(j) Are representatives of international organizations invited to the meetings of the joint body (or bodies) as observers?

Yes /No

(k) Did the joint body ever invite a coastal State to cooperate (art. 9, paras. 3 and 4)?

Yes /No

*If yes, please give details. If no, why not?:* **One of the member states is a coastal state.**

4. Is there a joint or coordinated management plan (such as an action plan or a common strategy) or have joint objectives been set specifically on the transboundary waters subject to cooperation (art. 9, para. 2 (f)) ?

Yes /No

*If yes, please provide further details:* **International River Basin management plan for the Oder River is jointly prepared by member states**

5. How is the transboundary basin, river, lake or aquifer protected, including the protection of ecosystems, in the context of sustainable and rational water use (art. 2, para. 2 (b), and art. 3, para. 1 (i)) ?

Afforestation

Restoration of ecosystems

Environmental flow norms

Groundwater measures (e.g., protection zones)

Other measures (*please list*): [fill in]

6. (a) Does your country exchange information and data with other riparian States in the basin (art. 13)?

Yes /No

(b) If yes, on what subjects are information and data exchanged?

Environmental conditions (art. 13, para. (1) (a))

Research activities and application of best available techniques (arts. 5, 12 and 13, para. 1 (b))

Emission monitoring data (art. 13, para. 1 (c))

Planned measures taken to prevent, control or reduce transboundary impacts (art. 13, para. 1 (d))

Point source pollution sources

Diffuse pollution sources

Existing hydromorphological alterations (dams, etc.)

Discharges

Water abstractions

Future planned measures with transboundary impacts, such as infrastructure development

Other subjects (*please list*):

(c) Is there a shared database or information platform?

Yes /No

(d) Is the database publicly available?

Yes /No

If yes, please provide the web address:

<http://geoportals.mkoo.pl/IKSO/client/gisclient/index.html?&applicationId=238>

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(e) What are the main difficulties and challenges to data exchange, if applicable?  
(please describe): **Different standards for data collection in riparian states**

(f) What are the main benefits of data exchange on the transboundary waters subject to cooperation? (please describe): **Mutual awareness**

7. Do the riparian States carry out joint monitoring in the transboundary basin, river, lake or aquifer (art. 11, para. 1)?

Yes /No

(a) If yes, what does the joint monitoring cover?

	Covered?	Hydrological	Ecological	Chemical
Border surface waters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface waters in the entire basin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface waters on the main watercourse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Connected aquifers (or groundwaters)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unconnected aquifers (or groundwaters)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(b) If joint monitoring is carried out, how is this done?

- National monitoring stations connected through a network or common stations
- Joint and agreed methodologies
- Joint sampling
- Common monitoring network
- Common agreed parameters

(c) Please describe the main achievements regarding joint monitoring, if any: [fill in]

(d) Please describe any difficulties experienced with joint monitoring: [fill in]

8. Do the riparian States carry out joint assessment of the transboundary basin, river, lake or aquifer (art. 11)?

Yes /No

If yes, please provide the date of the last or only assessment, the frequency and scope (e.g., surface waters or groundwaters only, pollution sources, etc.) of the assessment: [fill in]

9. Have the riparian States agreed to use joint water quality standards?

Yes /No

If yes, is the basis an international or regional standard (please specify which) or has it been adapted from the national standards of the riparian States?: **Based on Water Framework Directive and Environmental Quality Standards Directive**

10. What are the measures implemented to prevent or limit the transboundary impact of accidental pollution (art. 14)?

Notification and communication

Coordinated or joint alarm system for accidental water pollution

Other (please list): **joint field exercises**

No measures

*If not, why not? What difficulties does your country face in putting in place such measures?:* [fill in]

11. What are the measures implemented to prevent or limit the transboundary impact of extreme weather events (art. 14)?

Notification and communication

Coordinated or joint alarm system for floods

Coordinated or joint alarm system for droughts

Joint climate change adaptation strategy

Joint disaster risk reduction strategy

Other (please list): [fill in]

No measures

*If not, why not? What difficulties does your country face in putting in place such measures?:* [fill in]

12. Are procedures in place for mutual assistance in case of a critical situation (art. 15)?

Yes /No

*If yes, please provide a brief summary:* [fill in]

13. Are the public or relevant stakeholders involved in transboundary water management in the basin, river, lake or aquifer? (art. 16)?

Yes /No

*If yes, how? (please tick all applicable) (Please note: If your country is a Party to the Convention on Access to Information, Public Participation in Decision-making and Access to Justice in Environmental Matters (Aarhus Convention), you may refer to your country's report under that Convention.):* **Please see national Country report on Aarhus Convention at**

[http://www.unece.org/env/pp/reports\\_trc\\_implementation\\_2017.html](http://www.unece.org/env/pp/reports_trc_implementation_2017.html)

Stakeholders have observer status in a joint body

*If yes, please specify the stakeholders for each joint body:* [fill in]

Availability of information to the public

Consultation on planned measures or river basin management plans<sup>d</sup>

Public involvement

Other (please specify): **Public participation under WFD and FD**

**Please remember to complete section II for each of the transboundary basins, rivers, lakes or aquifers. Please also remember to attach copies of agreements, if any.**

<sup>d</sup> Or, where applicable, aquifer management plans.

## II. Questions for each transboundary basin, river, lake or aquifer

Please complete this second section for each transboundary basin, river, lake or aquifer, or for group of basins covered by the same agreement or arrangement and where conditions are similar. It might also be convenient to group basins or sub-basins for which your country's share is very small.<sup>a</sup> In some instances, you may provide information on both a basin and one or more of its sub-basins, for example, where you have agreements<sup>b</sup> on both the basin and its sub-basin. You may coordinate your responses with other States with which your country shares the basin or aquifer or even prepare a joint report for shared basins. General information on transboundary water management at the national level should be provided in section I and not repeated here.

Please reproduce the whole section II with its questions for each transboundary basin, river, lake or aquifer, or group of basins for which you will provide a reply.

**Name of the transboundary basin, river, lake or aquifer, or group thereof, list of the riparian States, and country's share of the basin: Oder River Basin and Morava River Basin; Slovakia, the Czech Republic,**

1. Is there one or more transboundary (bilateral or multilateral) agreement(s) or arrangement(s) on this basin (art. 9)?

One or more agreements or arrangements exist and are in force

Agreement or arrangement developed but not in force

Agreement or arrangement developed, but not in force for all riparians

*Please insert the name of the agreement or agreements or arrangements:*  
**Agreement between the Government of the Czech Republic and the Government of the Slovak Republic on Transboundary Waters**

Agreement or arrangement is under development

No agreement

*If there is no agreement or arrangement or it is not in force, please explain briefly why not and provide information on any plans to address the situation: [fill in]*

**If there is no agreement or arrangement and no joint body for the transboundary basin, river, lake or aquifer then jump to question 4; if there is no agreement, but a joint body then go to question 3.**

**Questions 2 and 3 to be completed for each bilateral or multilateral agreement or arrangement in force in the transboundary basin, river, lake or aquifer or group of basins or sub-basins**

2. (a) Does this agreement or arrangement specify the basin area subject to cooperation?

Yes /No

If yes, does it cover the entire basin, or group of basins, and all riparian States?

Yes /No

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<sup>a</sup> In principle, section 2 should be submitted for every transboundary basin, river, lake or aquifer, in the country, but States may decide to group basins in which their share is small or leave out basins in which their share is very minor, e.g., below 1 per cent.

<sup>b</sup> In section II, "agreement" covers all kinds of treaties, conventions and agreements ensuring cooperation in the field of transboundary waters. Section II can also be completed for other types of arrangements, such as memorandums of understanding.

If not, what does it cover? : **It covers sections of watercourses intersected by Czech - Slovak boundaries or waters where the implemented water management measures could negatively influence water condition of the other state.**

Or, if the agreement or arrangement relates to a sub-basin, does it cover the entire sub-basin?

Yes /No

Which States (including your own) are bound by the agreement or arrangement?  
(Please list): **Slovakia, the Czech Republic**

(b) Are aquifers (or groundwater bodies) covered by the agreement/arrangement?

Yes /No

(c) What is the sectoral scope of the agreement or arrangement?

All water uses

A single water use or sector

Several water uses or sectors

*If one or several water uses or sectors, please list (check as appropriate):*

**Water uses or sectors**

Industry

Agriculture

Transport (e.g., navigation)

Households

Energy: hydropower and other energy types

Tourism

Nature protection

Other (please list):

(d) What topics or subjects of cooperation are included in the agreement or arrangement (art. 9)?

**Procedural and institutional issues**

Dispute and conflict prevention and resolution

Institutional cooperation (joint bodies)

Consultation on planned measures

Mutual assistance (art. 15)

**Topics of cooperation**

Joint vision and management objectives

Joint significant water management issues

Navigation

Environmental protection (ecosystem)

Water quality

Water quantity or allocation

Cooperation in addressing floods

- Cooperation in addressing droughts
- Climate change adaptation

**Monitoring and exchange**

- Joint assessments
- Data collection and exchange (art. 13)
- Joint monitoring (art. 11)
- Maintenance of joint pollution inventories
- Elaboration of joint water quality objectives
- Common early warning and alarm procedures (art. 14)
- Exchange of experience between riparian States
- Exchange of information on planned measures

**Joint planning and management**

- Development of joint regulations on specific topics
- Development of international or joint river, lake or aquifer basin management or action plans
- Management of shared infrastructure
- Development of shared infrastructure

Other (*please list*): [fill in]

(e) What are the main difficulties and challenges that your country faces with the agreement or arrangement and its implementation, if any (*please describe, if applicable*): **No difficulties with the implementation of the agreement.**

(f) What are the main achievements in implementing the agreement or arrangement and what were the keys to achieving such success?: **Long-term cooperation and communication, exchange of information and experiences, common activities at different levels, political commitment.**

(g) Please attach a copy of the agreement or arrangement or provide the web address of the document (*please attach document or insert web address, if applicable*):

[http://www.mzp.cz/C1257458002F0DC7/cz/slovensko\\_dokument/\\$FILE/OOV-dohoda\\_HV\\_SR-20131003.pdf](http://www.mzp.cz/C1257458002F0DC7/cz/slovensko_dokument/$FILE/OOV-dohoda_HV_SR-20131003.pdf)

3. Is your country a member of an operational joint body or joint bodies for this agreement/arrangement (art. 9)?

Yes /No

*If no, why not? (please explain):* [fill in]

**Where there is a joint body (or bodies)**

(a) If there is a joint body, which kind of joint body (*please tick one*)?

Plenipotentiaries

Bilateral commission

Basin or similar commission

Other (*please describe*): [fill in]

(b) Does the joint body cover the entire transboundary basin or sub-basin, river, lake or aquifer, or group of basins, and all riparian States?

Yes /No

(c) Which States (including your own) are member of the joint body? *(Please list)*: **Slovakia and the Czech Republic**

(d) Does the joint body have any of the following features *(please tick the ones applicable)*?

A secretariat

*If the secretariat is a permanent one, is it a joint secretariat or does each country host its own secretariat? (Please describe):*

A subsidiary body or bodies

*Please list (e.g., working groups on specific topics):*

**Working Group "Planning on Transboundary Waters "**,

**Working Group "Hydrology"**,

**Working Group "Implementation of Water Framework Directive"**

**Working Group "Water Protection"**

*Other features (please list):*

(e) What are the tasks and activities of this joint body (art. 9, para. 2)?<sup>c</sup>

Identification of pollution sources

Data collection and exchange

Joint monitoring

Maintenance of joint pollution inventories

Setting emission limits

Elaboration of joint water quality objectives

Management and prevention of flood or drought risks

Preparedness for extreme events, e.g., common early warning and alarm procedures

Water allocation and/or flow regulation

Policy development

Control of implementation

Exchange of experience between riparian States

Exchange of information on existing and planned uses of water and related installations

Settling of differences and conflicts

Consultations on planned measures

Exchange of information on best available technology

Participation in transboundary EIA

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<sup>c</sup> This may include tasks according to the agreement or tasks added by the joint body, or its subsidiaries. Both tasks which joint bodies coordinate and tasks which they implement should be included.

- Development of river, lake or aquifer basin management or action plans
- Management of shared infrastructure
- Addressing hydromorphological alterations
- Climate change adaptation
- Joint communication strategy
- Basin-wide or joint public participation and consultation of, for example, basin management plans
- Joint resources to support transboundary cooperation
- Capacity-building
- Any other tasks (*please list*): [fill in]

(f) What are the main difficulties and challenges that your country faces with the operation of the joint body, if any?

- Governance issues   
*Please describe, if any:* [fill in]
- Unexpected planning delays   
*Please describe, if any:* [fill in]
- Lack of resources   
*Please describe, if true:* [fill in]
- Lack of mechanism for implementing measures   
*Please describe, if true:* [fill in]
- Lack of effective measures   
*Please describe, if true:* [fill in]
- Unexpected extreme events   
*Please describe, if any:* [fill in]
- Lack of information and reliable forecasts   
*Please describe, if any:* [fill in]
- Others (*please list and describe, as appropriate*): [fill in]

(g) If not all riparian States are members of the joint body how does the body cooperate with them?

- No cooperation
- They have observer status
- Other (*please describe*): **Trilateral meetings between Austria, the Czech Republic and Slovakia**

(h) Does the joint body or its subsidiary bodies meet regularly?

Yes /No

If yes, how frequently does it meet? **Subsidiary bodies meet twice a year, the Commission meets once a year.**

(i) What are the main achievements with regards to the joint body?: **effective water management, common projects**

(j) Are representatives of international organizations invited to the meetings of the joint body (or bodies) as observers?

Yes /No

(k) Did the joint body ever invite a coastal State to cooperate (art. 9, paras. 3 and 4)?

Yes /No

*If yes, please give details. If no, why not?:* **This agreement covers the cooperation on transboundary issues and both countries are landlocked countries. The cooperation of the Czech Republic with coastal states is done via multilateral agreements.**

4. Is there a joint or coordinated management plan (such as an action plan or a common strategy) or have joint objectives been set specifically on the transboundary waters subject to cooperation (art. 9, para. 2 (f)) ?

Yes /No

*If yes, please provide further details:* **joint strategies, development programs**

5. How is the transboundary basin, river, lake or aquifer protected, including the protection of ecosystems, in the context of sustainable and rational water use (art. 2, para. 2 (b), and art. 3, para. 1 (i)) ?

Afforestation

Restoration of ecosystems

Environmental flow norms

Groundwater measures (e.g., protection zones)

Other measures (*please list*): [fill in]

6. (a) Does your country exchange information and data with other riparian States in the basin (art. 13)?

Yes /No

- (b) If yes, on what subjects are information and data exchanged?

Environmental conditions (art. 13, para. (1) (a))

Research activities and application of best available techniques (arts. 5, 12 and 13, para. 1 (b))

Emission monitoring data (art. 13, para. 1 (c))

Planned measures taken to prevent, control or reduce transboundary impacts (art. 13, para. 1 (d))

Point source pollution sources

Diffuse pollution sources

Existing hydromorphological alterations (dams, etc.)

Discharges

Water abstractions

Future planned measures with transboundary impacts, such as infrastructure development

Other subjects (*please list*): [fill in]

- (c) Is there a shared database or information platform?

Yes /No

- (d) Is the database publicly available?

Yes /No

If yes, please provide the web address: [fill in]

(e) What are the main difficulties and challenges to data exchange, if applicable? (please describe): **No difficulties related to data exchange occur.**

(f) What are the main benefits of data exchange on the transboundary waters subject to cooperation? (please describe): **Mutual awareness.**

7. Do the riparian States carry out joint monitoring in the transboundary basin, river, lake or aquifer (art. 11, para. 1)?

Yes /No

(a) If yes, what does the joint monitoring cover?

	Covered?	Hydrological	Ecological	Chemical
Border surface waters	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Surface waters in the entire basin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface waters on the main watercourse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Connected aquifers (or groundwaters)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unconnected aquifers (or groundwaters)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(b) If joint monitoring is carried out, how is this done?

National monitoring stations connected through a network or common stations	<input type="checkbox"/>
Joint and agreed methodologies	<input type="checkbox"/>
Joint sampling	<input checked="" type="checkbox"/>
Common monitoring network	<input checked="" type="checkbox"/>
Common agreed parameters	<input checked="" type="checkbox"/>

(c) Please describe the main achievements regarding joint monitoring, if any:

**Availability of monitoring results**

(d) Please describe any difficulties experienced with joint monitoring: **Differences in National methodologies and standards.**

8. Do the riparian States carry out joint assessment of the transboundary basin, river, lake or aquifer (art. 11)?

Yes /No

If yes, please provide the date of the last or only assessment, the frequency and scope (e.g., surface waters or groundwaters only, pollution sources, etc.) of the assessment:

9. Have the riparian States agreed to use joint water quality standards?

Yes /No

If yes, is the basis an international or regional standard (please specify which) or has it been adapted from the national standards of the riparian States?: **according to the Water Framework Directive and Environmental Quality Standards Directive**

10. What are the measures implemented to prevent or limit the transboundary impact of accidental pollution (art. 14)?

Notification and communication	<input type="checkbox"/>
Coordinated or joint alarm system for accidental water pollution	<input checked="" type="checkbox"/>
Other (please list): [fill in]	

No measures

*If not, why not? What difficulties does your country face in putting in place such measures?: [fill in]*

11. What are the measures implemented to prevent or limit the transboundary impact of extreme weather events (art. 14)?

Notification and communication

Coordinated or joint alarm system for floods

Coordinated or joint alarm system for droughts

Joint climate change adaptation strategy

Joint disaster risk reduction strategy

Other (*please list*): [fill in]

No measures

*If not, why not? What difficulties does your country face in putting in place such measures?: [fill in]*

12. Are procedures in place for mutual assistance in case of a critical situation (art. 15)?

Yes /No

*If yes, please provide a brief summary: **relevant institutions in transboundary area are involved into mutual assistance***

13. Are the public or relevant stakeholders involved in transboundary water management in the basin, river, lake or aquifer? (art. 16)?

Yes /No

*If yes, how? (please tick all applicable) (Please note: If your country is a Party to the Convention on Access to Information, Public Participation in Decision-making and Access to Justice in Environmental Matters (Aarhus Convention), you may refer to your country's report under that Convention.): **Please see national Country report on Aarhus Convention at***

[http://www.unece.org/env/pp/reports\\_trc\\_implementation\\_2017.html](http://www.unece.org/env/pp/reports_trc_implementation_2017.html)

Stakeholders have observer status in a joint body

*If yes, please specify the stakeholders for each joint body: [fill in]*

Availability of information to the public

Consultation on planned measures or river basin management plans<sup>d</sup>

Public involvement

Other (*please specify*): **Public participation under WFD and FD**

**Please remember to complete section II for each of the transboundary basins, rivers, lakes or aquifers. Please also remember to attach copies of agreements, if any.**

<sup>d</sup> Or, where applicable, aquifer management plans.

to your country's report under that Convention.): **Please see national Country report on Aarhus Convention at**  
[http://www.unece.org/env/pp/reports\\_trc\\_implementation\\_2017.html](http://www.unece.org/env/pp/reports_trc_implementation_2017.html)

Stakeholders have observer status in a joint body

*If yes, please specify the stakeholders for each joint body:*

**Stakeholders of the International Commission for the Protection of the Danube River are: Black Sea Commission (BSC), Carpathian Convention, Central Dredging Association (CEDA), Danube Competence Center (DCC), Danube Civil Society Forum (DCSF), Danube Commission (DC), Danube Environmental Forum (DEF), Danubeparks, Danube Tourist Commission (DIE DONAU), European Anglers Alliance (EAA), European Barge Union (EBU), European Water Association (EWA), Friends of Nature International (NFI), Global Water Partnership (GWP/CEE), International Association for Danube Research (IAD), International Association of Water Supply Companies in the Danube River Catchment Area (IAWD), International Hydrological Programme of the UNESCO (IHP/Danube), International Sava River Basin Commission (ISRBC), RAMSAR Convention on Wetlands, Regional Environmental Center for Central and Eastern Europe (REC), VGB PowerTech e.V. (VGB), via donau, World Wide Fund for Nature – Danube-Carpathian Programme (WWF-DCP).**

Availability of information to the public

Consultation on planned measures or river basin management plans<sup>d</sup>

Public involvement

Other (*please specify*): **Public participation under WFD and FD**

**Please remember to complete section II for each of the transboundary basins, rivers, lakes or aquifers. Please also remember to attach copies of agreements, if any.**

<sup>d</sup> Or, where applicable, aquifer management plans.

### III. Calculation of SDG indicator 6.5.2

#### Methodology

Using the information gathered in section II, the information gathered in this section allows for the calculation of the Sustainable Development Goal global indicator 6.5.2, which is defined as *the proportion of transboundary basins' area with an operational arrangement for water cooperation*.

The Step-by-step monitoring methodology for SDG indicator 6.5.2<sup>e</sup>, developed by UNECE and UNESCO in the framework of UN Water, can be referred to for details on the necessary data, the definitions and the calculation.

The value of the indicator at the national level is derived by **adding up the surface area in a country of those transboundary surface water catchments and transboundary aquifers (i.e. 'transboundary' basins') that are covered by an operational arrangement and dividing the obtained area by the aggregate total area in a country of all transboundary basins (both catchments and aquifers).**

**Transboundary basins** are basins of transboundary waters, that is, of any surface waters (notably rivers, lakes) or groundwaters which mark, cross or are located on boundaries between by two or more States. For the purpose of the calculation of this indicator, for a transboundary river or lake, the basin area is determined by the extent of its catchment. For groundwater, the area to be considered is the extent of the aquifer.

An **"arrangement for water cooperation"** is a bilateral or multilateral treaty, convention, agreement or other formal arrangement among riparian countries that provides a framework for cooperation on transboundary water management.

For an arrangement to be considered **"operational"** all the following criteria needs to be fulfilled:

- There is a joint body, joint mechanism or commission (e.g. a river basin organization) for transboundary cooperation,
- There are regular (at least once per year) formal communications between riparian countries in form of meetings (either at the political or technical level),
- There is a joint or coordinated water management plan(s), or joint objectives have been set, and
- There is a regular (at least once per year) exchange of data and information.

#### Calculation of indicator 6.5.2

Please list in the tables below the transboundary basins (rivers and lakes and aquifers) in your country's territory and provide the following information for each of them:

- the country/ies with which the basin is shared;
- the surface area of these basins (the catchment of rivers or lakes and the aquifer in the case of groundwater) within the territory of your country (in km<sup>2</sup>); and
- the surface area of these basins within the territory of your country which is covered by a cooperation arrangement that is operational according to the above criteria (please consider the replies to the questions in section II, in particular questions 1, 2, 3, 4 and 6).

In case an operational arrangement is in place only for a sub-basin or portion of a basin, please list this sub-basin just after the transboundary basin it is part of. In case there is an operational arrangement for the whole basin, do not list sub-basins in the table below.

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<sup>e</sup> Available at <http://www.unwater.org/publications/publications-detail/en/c/428764/>.

**Transboundary basin (river or lake) [please add rows as needed]**

Name of transboundary basin / sub-basin	Countries shared with	Surface area of the basin / sub-basin (in km <sup>2</sup> ) within the territory of the country	Surface area of the basin / sub-basin (in km <sup>2</sup> ) covered by an operational arrangement within the territory of the country
Danube River Basin	Germany, Austria, Czech Republic, Slovakia, Hungary, Slovenia, Croatia, Bosnia and Herzegovina, Serbia, Montenegro, Romania, Bulgaria, Moldova, Ukraine	21 681	21 681
Elbe River Basin	Czech Republic, Germany	49 917	49 917
Odra River Basin	Czech Republic, Germany, Poland	7 217	7 217
<b>Total surface area of transboundary basins / sub-basins of rivers and lakes covered by operational arrangements within the territory of the country (in km<sup>2</sup>) [A]</b> (do not double count sub-basins)		78 815	
<b>Total surface area of transboundary basins of rivers and lakes within the territory of the country (in km<sup>2</sup>) [B]</b> (do not double count sub-basins)		78 815	

**Transboundary aquifers [please add rows as needed] not relevant for the Czech Republic**

Name of the transboundary aquifer	Countries shared with	Surface area (in km <sup>2</sup> ) <sup>f</sup> within the territory of the country	Covered by an operational arrangement (yes/no)
<b>Sub-total: surface area of transboundary aquifers covered by operational arrangements (in km<sup>2</sup>) [C]</b>			
<b>Total surface area of transboundary aquifers (in km<sup>2</sup>) [D]</b>			

**Indicator value for the country**

$$((A + C)/(B + D)) \times 100\% = 100\%$$

**Additional information**

If the respondent has comments that clarify assumptions or interpretations made for the calculation, or the level of certainty of the spatial information, please write them here:

**In the Czech Republic we have 3 operational multilateral agreements covering 3 international river basins in the Czech Republic in addition there are bilateral agreements with all neighbouring countries in place covering the transboundary waters and the issues connected to more specific cooperation on transboundary waters including transboundary aquifers. Thus the transboundary waters are in 100% covered by international agreements.**

**As it would be rather more complicated and too detailed for this purpose to list just the transboundary river basins (in bilateral meaning), We have given the overall numbers into the above mentioned table.**

**Spatial information**

If a map (or maps) of the transboundary surface water catchments and transboundary aquifers (i.e. 'transboundary basins') is available, please attach them. Ideally, shapefiles of the basin and aquifer delineations that can be viewed in Geographical Information Systems should be sent.

**Maps are available at the web sites of International Commissions.**

<sup>f</sup> For a transboundary aquifer, the extent is derived from the aquifer system delineation which is commonly done relying on information of the subsurface (notably the extent of geological formations). As a general rule, the delineation of aquifer systems is based on the delineation of the extent of the hydraulically connected water-bearing geological formations. Aquifer systems are three-dimensional objects and the aquifer area taken into account is the projection on the land surface of the system. Ideally, when different aquifer systems not hydraulically connected are vertically superposed, the different relevant projected areas are to be considered separately, unless the different aquifer systems are managed conjunctively.

