

Reporting on global SDG indicator 6.5.2
TEMPLATE of the second cycle for reporting

Content of the template

The template is divided into four parts:

- Section I - Calculation of SDG indicator 6.5.2
- Section II - Information on each transboundary basin or group of basins
- Section III - General information on transboundary water management at the national level
- Section IV - Final questions

Country name: Czech republic

I. Calculation of Sustainable Development Goal indicator 6.5.2

Methodology

1. Using the information gathered in section II, the information gathered in this section allows for the calculation of Sustainable Development Goal global indicator 6.5.2, which is defined as the proportion of transboundary basin area with an operational arrangement for water cooperation.
2. The step-by-step monitoring methodology for indicator 6.5.2, developed by UNECE and UNESCO in the framework of UN-Water, should be referred to for details on the necessary data, the definitions and the calculation.^a
3. The value of the indicator at the national level is derived by adding up the surface area in a country of those transboundary basins (river and lake basins and aquifers) that are covered by an operational arrangement and dividing the area obtained by the aggregate total area in a country of all transboundary basins (both river and lake basins, and aquifers).
4. 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.
5. 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.
6. For an arrangement to be considered “operational” all the following criteria need to be in place in practice:
 - (a) There is a joint body, joint mechanism or commission (e.g., a river basin organization) for transboundary cooperation (criterion 1);
 - (b) There are regular (at least once per year) formal communications between riparian countries in form of meetings (either at the political or technical level) (criterion 2);
 - (c) Joint objectives, a common strategy, a joint or coordinated management plan, or an action plan have been agreed upon by the riparian countries (criterion 3);
 - (d) There is a regular (at least once per year) exchange of data and information (criterion 4).

Calculation of indicator 6.5.2

7. 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:
 - (a) The country/ies with which the basin is shared;
 - (b) The surface area of the basin (the catchment of rivers or lakes and the aquifer in the case of groundwater) within the territory of your country (in square kilometres (km²));
 - (c) Whether a map and/or a geographical information system (GIS) shapefile of the basin has been provided;
 - (d) Whether there is an arrangement in force for the basin;
 - (e) The verification of each of the four criteria to assess operability;

^a Available from the UN-Water website: <https://www.sdg6monitoring.org/indicators/target-65/indicators652/> (updated version “2020”).

(f) The surface area of the basin within the territory of your country which is covered by a cooperation arrangement that is operational according to the above criteria.

8. In case an operational arrangement is in place only for a sub-basin or a 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.

Table 1
Transboundary river or lake basin (please add rows as needed)

<i>Name of transboundary river or lake basin/sub-basin</i>	<i>It is a basin or a sub-basin?^b</i>	<i>Countries shared with</i>	<i>Surface area of the basin/sub-basin (in km²) within the territory of the country</i>	<i>Map and/or GIS shapefile provided (yes/no)</i>	<i>Covered by an arrangement (entirely, partly, no) (Ref. to questions in sect. II)</i>	<i>Criterion 1 applied (yes/no) (Ref. to questions in sect. II)</i>	<i>Criterion 2 applied (yes/no) (Ref. to questions in sect. II)</i>	<i>Criterion 3 applied (yes/no) (Ref. to questions in sect. II)</i>	<i>Criterion 4 applied (yes/no) (Ref. to questions in sect. II)</i>	<i>Surface area of the basin/sub-basin (in km²) covered by an operational arrangement within the territory of the country</i>
Danube River Basin	Basin	Germany, Austria, Czech Republic, Slovakia, Hungary, Slovenia, Croatia, Bosnia and Herzegovina, Serbia, Montenegro, Romania, Bulgaria, Moldova, Ukraine,	21 688	yes	entirely	yes	yes	yes	yes	21 688
Elbe River Basin	Basin	Czech Republic, Germany	49 917	yes	entirely	yes	yes	yes	yes	49 917

^b List sub-basins after the basin they belong to.

<i>Name of transboundary river or lake basin/sub-basin</i>	<i>It is a basin or a sub-basin?^b</i>	<i>Countries shared with</i>	<i>Surface area of the basin/sub-basin (in km²) within the territory of the country</i>	<i>Map and/or GIS shapefile provided (yes/no)</i>	<i>Covered by an arrangement (entirely, partly, no) (Ref. to questions in sect. II)</i>	<i>Criterion 1 applied (yes/no) (Ref. to questions in sect. II)</i>	<i>Criterion 2 applied (yes/no) (Ref. to questions in sect. II)</i>	<i>Criterion 3 applied (yes/no) (Ref. to questions in sect. II)</i>	<i>Criterion 4 applied (yes/no) (Ref. to questions in sect. II)</i>	<i>Surface area of the basin/sub-basin (in km²) covered by an operational arrangement within the territory of the country</i>
Odra River Basin	Basin	Czech Republic, Germany, Poland	7 217	yes	entirely	yes	yes	yes	yes	7 217
(A) Total surface area of transboundary basins/sub-basins of rivers and lakes covered by operational arrangements within the territory of the country (in km²) (do not double count sub-basins)										78 822
(B) Total surface area of transboundary basins of rivers and lakes within the territory of the country (in km²) (do not double count sub-basins)			78 822							

Table 2

Transboundary aquifers (please add rows as needed) – data not available

<i>Name of the transboundary aquifer</i>	<i>Countries shared with</i>	<i>Surface area of the aquifer^c (in km²) within the territory of the country</i>	<i>Map and/ or GIS shapefile provided (yes/no)</i>	<i>Covered by an aquifer specific arrangement (entirely, partly, no) (Ref. to questions in sect. II)</i>	<i>Covered within an arrangement not specific to the aquifer^d (entirely, partly, no) (Ref. to questions in sect. II)</i>	<i>Criterion 1 applied (yes/no) (Ref. to questions in sect. II)</i>	<i>Criterion 2 applied (yes/no) (Ref. to questions in sect. II)</i>	<i>Criterion 3 applied (yes/no) (Ref. to questions in sect. II)</i>	<i>Criterion 4 applied (yes/no) (Ref. to questions in sect. II)</i>	<i>Surface area of the aquifer (in km²) covered by an operational arrangement within the territory of the country</i>
(C) Sub-total: surface area of transboundary aquifers covered by operational arrangements (in km²)										
(D) Total surface area of transboundary aquifers (in km²)										

^c 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.

^d In the text of the agreement or arrangement or in the practice.

Indicator value for the country

Surface waters:

Percentage of surface area of transboundary basins of rivers and lakes covered by an operational arrangement:

$$A/B \times 100 = 100\%$$

Aquifers:

Percentage of surface area of transboundary aquifers covered by an operational arrangement:

$$C/D \times 100 = 100\%$$

Sustainable Development Goal indicator 6.5.2:

Percentage of surface area of transboundary basins covered by an operational arrangement:

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

Spatial information

If a map (or maps) of the transboundary surface water catchments and transboundary aquifers (i.e., “transboundary basins”) is available, please consider attaching them. Ideally, shapefiles of the basin and aquifer delineations that can be viewed in GIS should be sent.

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:

Does your country have transboundary agreements or arrangements for the protection and/or management of transboundary waters (i.e., rivers, lakes or groundwater), whether bilateral or multilateral?

Yes /No

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

Convention on Cooperation for Protection and Sustainable Use of the Danube River (year of adoption 1998)

Agreement on the International Commission for Protection of the Oder River against Pollution (year of adoption 1999)

Agreement on the International Commission for Protection of the Elbe (year of adoption 1993)

Agreement between the Czech Republic and the Federal Republic of Germany on Cooperation on Transboundary Waters in the Field of Water Management (year of adoption 1997)

Agreement between the Czechoslovak Socialist Republic and the Republic of Austria on Regulation of Water Management Issues on Transboundary Waters (year of adoption 1970)

Agreement between the Government of the Czech Republic and the Government of the Republic of Poland on Cooperation in Water Management on Transboundary Waters (year of adoption 1958)

Agreement between the Government of the Czech Republic and the Government of the Slovak Republic on Cooperation on Transboundary Waters (year of adoption 1999)

II. Questions for each transboundary basin, sub-basin, part of a basin, or group of basins (river, lake or aquifer)

Please complete this second section for each transboundary basin (river or lake basin, or aquifer), sub-basin, part of a basin or a group of basins covered by the same agreement or arrangement where conditions are similar.¹ In some instances, you may provide information on both a basin and one or more of its sub-basins or parts thereof, for example, where you have agreements² or arrangements on both the basin and its sub-basin. You may coordinate your responses with other States with which your country shares transboundary waters, or even prepare a joint report. General information on transboundary water management at the national level should be provided in section III and not repeated here.

Please reproduce this whole section with its questions for each transboundary basin, sub-basin, part of a basin or group of basins for which you will provide a reply.

Name of the transboundary basin, sub-basin, part of a basin or group of basins: Danube River Basin

¹ In principle, section II 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.

² 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.

List of the riparian States: Parties to the treaty: Germany, Austria, Czech Republic, Slovakia, Hungary, Slovenia, Croatia, Bosnia and Herzegovina, Serbia, Montenegro, Romania, Bulgaria, Moldova, Ukraine

Non-Parties: Albania, Italy, North Macedonia, Poland and Switzerland

In the case of an aquifer, what is the nature of the aquifer and its relation with the river or lake basin:

- Unconfined aquifer connected to a river or lake
- Unconfined aquifer with no or limited relation with surface water
- Confined aquifer connected to surface water
- Confined aquifer with no or limited relation with surface water
- Other

Please describe:

Unknown

Percentage of your country's territory within the basin, sub-basin, part of a basin or group of basins: 2, 9 % (share of Czech Republic on total territory of Danube River Basin, not percentage of Danube River Basin in Czech Republic)

1. Is there one or more transboundary (bilateral or multilateral) agreement(s) or arrangement(s) on this basin, sub-basin, part of a basin or group of basins?

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(s) or arrangement(s)

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 or arrangement

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 or mechanism for the transboundary basin, sub-basin, part of a basin or group of basins then jump to question 4; if there is no agreement or arrangement, but a joint body or mechanism 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, sub-basin, part of a basin or group of basins.

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

Yes /No

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

Yes /No

Additional explanations? **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 km² 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

Additional explanations? [fill in]

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, Ukraine**

(b) If the agreement or arrangement relates to a river or lake basin or sub-basin, does it also cover aquifers?

Yes /No

If yes, please list the aquifers covered by the agreement or arrangement:

See Annex 8 of DRBMP 2015
(<http://www.icpdr.org/flowpaper/viewer/default/files/nodes/documents/dr bmp-update2015-annexes.pdf>)

(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
- Fisheries
- Tourism
- Nature protection

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

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

Procedural and institutional issues

- Dispute and conflict prevention and resolution
- Institutional cooperation (joint bodies)

Consultation on planned measures

Mutual assistance

Topics of cooperation

Joint vision and management objectives

Joint significant water management issues

Navigation

Human health

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

Joint monitoring

Maintenance of joint pollution inventories

Elaboration of joint water quality objectives

Common early warning and alarm procedures

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?

Aligning implementation of agreement or arrangement with national laws, policies and programmes

Aligning implementation of agreement or arrangement with regional laws, policies and programmes

Lack of financial resources

Insufficient human capacity

Insufficient technical capacity

Tense diplomatic relations

Non-participation of certain riparian countries in the agreement

No significant difficulties

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

(f) What are the main achievements in implementing the agreement or arrangement and what were the keys to achieving such success? **The main concrete achievements of ICPDR have been to provide a platform for joint and focused actions, for political decisions, for cooperation and exchange of experience, for awareness raising and for convening on agreements across sectors.**

These joint efforts coordinated and focused by ICPDR have resulted in improved ecological and chemical quality of the water of the Danube. Also, the flood management has improved. Concrete results of ICPDR are the adoption of River Basin Management and Flood Risk Management Plans covering the entire catchment of the Danube, a Transnational Monitoring Network, an Early Warning Network, a Strategy for adaptation to climate change, a Joint Statement on Navigation as well as Guiding Principles on Sustainable Hydropower, just to name some of the major achievements.

Key to this success has been good cooperation at technical and political level and the subsequent building of trust as well as mutual understanding among the countries in the river basin.

(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.icpdr.org/main/icpdr/danube-river-protection-convention>

3. Is your country a member of any joint body or mechanism for this agreement or arrangement?

Yes /No

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

Where there is a joint body or mechanism

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

Plenipotentiaries

Bilateral commission

Basin or similar commission

Expert group meeting or meeting of national focal points

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

(b) Does the joint body or mechanism cover the entire transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

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

(d) Are there any riparian States that are not members of the joint body or mechanism? (please list): **Countries with less than 2.000 km² are not part of the joint body. In case data would be needed there were bilateral contracts**

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

No cooperation

They have observer status

Other (*please describe*): **Concerning navigation cooperation exists between the ICPDR and the Danube Commission³ based on the Joint Statement for the Development of Inland Navigation and Environmental Protection**

(f) Does the joint body or mechanism 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, Strategic ad-hoc Expert Group**

Task groups for: Economics, Hydromorphology, Nutrients and Groundwater

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

(g) What are the tasks and activities of this joint body or mechanism?⁴

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

³ http://www.danubecommission.org/index.php/de_DE/index

⁴ 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.

-
- and alarm procedures
 - Surveillance and early warning of water related disease
 - 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]

(h) What are the main difficulties and challenges that your country faces with the operation of the joint body or mechanism, 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]

(i) Does the joint body or mechanism, or its subsidiary bodies meet regularly?

Yes /No

If yes, how frequently does it meet?

More than once per year

Once per year

Less than once per year

(j) What are the main achievements with regards to the joint body or mechanism?
The main concrete achievements of ICPDR have been to provide a platform for joint and focused actions, for political decisions, for cooperation and exchange of experience, for awareness raising and for convening on agreements across sectors.

These joint efforts coordinated and focused by ICPDR have resulted in improved ecological and chemical quality of the water of the Danube. Also, the flood management has improved. Concrete results of ICPDR are the adoption of River Basin Management and Flood Risk Management Plans covering the entire catchment of the Danube, , a Transnational Monitoring Network, an Early Warning Network, a Strategy for adaptation to climate change, a Joint Statement on Navigation as well as Guiding Principles on Sustainable Hydropower, just to name some of the major achievements.

Key to this success has been good cooperation at technical and political level and the subsequent building of trust as well as mutual understanding among the countries in the river basin.

(k) Did the joint body or mechanism ever invite a non-riparian coastal State to cooperate?

Yes /No

*If yes, please give details. If no, why not, e.g. are the relevant coastal States also riparian States and therefore already members of the joint body or mechanism? **Some of member states are coastal states. There is ongoing cooperation with the Commission for the Protection of the Black Sea***

4. Have joint objectives, a common strategy, a joint or coordinated management plan or action plan been agreed for the basin, sub-basin, part of a basin or group of basins?

Yes /No

If yes, please provide further details:

River Basin Management Plan (<https://www.icpdr.org/main/management-plans-danube-river-basin-published>)

Danube Flood Risk Management Plan (<https://www.icpdr.org/main/management-plans-danube-river-basin-published>)

Joint Statement on Navigation and Environment (<http://www.icpdr.org/main/activities-projects/joint-statement-navigation-environment>)

Guiding Principles on Sustainable Hydropower
 (http://www.icpdr.org/main/activities-projects/hydropower)
Strategy on Adaptation to Climate Change
 (http://www.icpdr.org/main/activities-projects/climate-change-adaptation)

5. How is the transboundary basin,–sub-basin, part of a basins or group of basins protected, including the protection of ecosystems, in the context of sustainable and rational water use?

Regulation of urbanization, deforestation, and sand and gravel extraction.

Environmental flow norms, including consideration of levels and seasonality

Water quality protection, e.g. nitrates, pesticides, faecal coliforms, heavy metals

Water-related species and habitats protection

Other measures (*please describe*):

see Danube River Basin Management Plan

Preserve freely flowing river sections

Restore river dynamics (permit a more varied design of the structure of river banks and bottom)

Open old alluvial areas to the river

Change to more extensive agriculture in the floodplain

Remove obstacles to the migration of the river fauna

Reconnect old river branches and torrents

All of those measures are realized on national level, not on international level. But information is compiled on international level and sechange is guaranteed in the working and expert groups of the ICPDR.

6. (a) Does your country regularly exchange information and data with other riparian States in the basin, sub-basin, part of a basin or group of basins?

Yes /No

(b) If yes, how often:

More than once per year

Once per year

Less than once per year

(c) Please describe how information is exchanged (e.g. in connection with meetings of joint bodies):

Joint monitoring programm

Joint Danube Surveys – every six years

Results of those monitoring programmes are discussed in the relevant working and expert groups and on strategic/political level also with regard to follow-up steps

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

Environmental conditions

Research activities and application of best available techniques

Emission monitoring data

Planned measures taken to prevent, control or reduce transboundary impacts

Point source pollution sources

Diffuse pollution sources

Existing hydromorphological alterations (dams, etc.)

Flows or water levels (including groundwater levels)

Water abstractions

Climatological information

Future planned measures with transboundary impacts, such as infrastructure development

Other subjects (*please list*):

Flood protection measures and their possible effects

Accidents with possible transboundary effects on water bodies

Other comments, e.g. spatial coverage of data and information exchange: [fill in]

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

Yes /No

(f) Is the database publicly available?

Yes /No

If yes, please provide the web address:

<http://www.icpdr.org/main/publications/databases>

(g) What are the main difficulties and challenges to data exchange, if applicable?

Frequency of exchanges

Timing of exchanges

Comparability of data and information

Limited spatial coverage

Inadequate resources (technical and/or financial)

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

Additional comments: [fill in]

(h) What are the main benefits of data exchange on the basin, sub-basin, part of a basin or group of basins? (*please describe*):

Better overview on the whole basin, comparability, improved possibilities for early warning and alarm system, improved understanding of other countries' issues and problems

7. Do the riparian States carry out joint monitoring in the transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

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

	<i>Hydrological</i>	<i>Ecological</i>	<i>Chemical</i>
Border surface waters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface waters in the entire basin	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Surface waters on the main watercourse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface waters in part of the basin please describe [fill in]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transboundary aquifer(s) (connected or unconnected)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Aquifer(s) in the territory of one riparian hydraulically connected to a transboundary river or lake	<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

*Please describe: **Transnational Monitoring Network***

Joint and agreed methodologies

*Please describe: **Agreed on EU level due to the EU Directives***

Joint sampling

*Please describe: **Joint Danube Surveys***

Common monitoring network

*Please describe: **TransNational Monitoring network***

Common agreed parameters

*Please describe: **Biological parameters, macrozoobenthos, macrophytes, phytoplankton, thus the biological quality element of the EU Water Framework Directive, Chemical substances – of the EQS Directive***

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

The long-term cooperation yields in long time series of chemical and biological parameters, that enable joint trend analyses and joint conclusions on the trends.

The up to now 4 Joint Danube Surveys have significantly improved the knowledge on the main stream and tributaries as well as on methodologies (see <http://www.icpdr.org/main/activities-projects/joint-danube-survey>).

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

8. Do the riparian States carry out joint assessment of the transboundary basin, sub-basin, part of a basin or group of basins?

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, and assessment methodology applied: **Joint Danube Survey is carried out once every six years: JDS1 was in 2001, JDS2 in 2007, JDS3 in 2013, JDS4 was in 2019. Joint Danube Surveys (<https://www.icpdr.org/main/activities-projects/joint-danube-survey>)***

Updated River Basin Management Plan.

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

Yes /No

*If yes, what standards have been applied, e.g. international or regional standards (please specify which), or have national standards of the riparian States been applied? **Based on Water Framework Directive and its daughter directives on priority substances and groundwater***

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

Notification and communication

Coordinated or joint early warning or 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 and climate change?

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?:

12. Are procedures in place for mutual assistance in case of a critical situation?

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, sub-basin, part of a basin or group of basins?

Yes /No

If yes, how? (please tick all applicable)

Stakeholders have observer status in a joint body or mechanism

Stakeholders have an advisory role in the joint body

Stakeholders have a decision-making role in the joint body

If yes, please specify the stakeholders for the joint body or mechanism: **Black Sea Commission (BSC), Carpathian Convention, Central Dredging Association (CEDA), Danube Civil Society Forum (DCSF), Danube Competence Center (DCC), Danube Commission (DC), Danube Environmental Forum (DEF), Danubeparks, Danube Sturgeon Task Force (DSTF), 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 Service 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), Viadonau, World Wide Fund for Nature – Danube-Carpathian Programme (WWF-DCP).**

Intergovernmental organizations

Private sectors organizations or associations

Water user groups or associations

Academic or research institutions

Other non-governmental organizations

General public

Other (please specify): [fill in]

Availability of information to the public

Consultation on planned measures or river basin management plans⁵

Public involvement

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

⁵ Or, where applicable, aquifer management plans.

Please remember to complete section II for each of the transboundary basins, sub-basin, part of a basin or group of basins. Please also remember to attach copies of agreements or arrangements, if any.

II. Questions for each transboundary basin, sub-basin, part of a basin, or group of basins (river, lake or aquifer)

Please complete this second section for each transboundary basin (river or lake basin, or aquifer), sub-basin, part of a basin or a group of basins covered by the same agreement or arrangement where conditions are similar.⁶ In some instances, you may provide information on both a basin and one or more of its sub-basins or parts thereof, for example, where you have agreements⁷ or arrangements on both the basin and its sub-basin. You may coordinate your responses with other States with which your country shares transboundary waters, or even prepare a joint report. General information on transboundary water management at the national level should be provided in section III and not repeated here.

Please reproduce this whole section with its questions for each transboundary basin, sub-basin, part of a basin or group of basins for which you will provide a reply.

Name of the transboundary basin,-sub-basin, part of a basin or group of basins: Elbe River Basin

List of the riparian States: the Czech Republic, Germany, Austria, Poland (the share of Austria and Poland together on the Elbe River Basin is less than 1 per cent)

In the case of an aquifer, what is the nature of the aquifer and its relation with the river or lake basin:

- | | | |
|---|-------------------------------------|-------------------------------------|
| Unconfined aquifer connected to a river or lake | <input checked="" type="checkbox"/> | |
| Unconfined aquifer with no or limited relation with surface water | | <input checked="" type="checkbox"/> |
| Confined aquifer connected to surface water | <input checked="" type="checkbox"/> | |
| Confined aquifer with no or limited relation with surface water | | <input checked="" type="checkbox"/> |
| Other | | <input type="checkbox"/> |
| Please describe: [fill in] | | |
| Unknown | <input type="checkbox"/> | |

Percentage of your country's territory within the basin, sub-basin, part of a basin or group of basins: 33,68% (share of Czech Republic on total territory of Elbe River Basin, not percentage of Elbe River Basin in Czech Republic)

1. Is there one or more transboundary (bilateral or multilateral) agreement(s) or arrangement(s) on this basin, sub-basin, part of a basin or group of basins?

One or more agreements or arrangements exist and are in force	<input checked="" type="checkbox"/>
Agreement or arrangement developed but not in force	<input type="checkbox"/>

⁶ In principle, section II 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.

⁷ 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.

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

Please insert the name of the agreement(s) or arrangement(s) **Convention on International Commission for the Protection of the Elbe River**

Agreement or arrangement is under development

No agreement or arrangement

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 or mechanism for the transboundary basin, sub-basin, part of a basin or group of basins then jump to question 4; if there is no agreement or arrangement, but a joint body or mechanism 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, sub-basin, part of a basin or group of basins.

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

Yes /No

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

Yes /No

Additional explanations? **It covers the Elbe River Basin (99,22 %) in the Czech Republic and in Germany**

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

Yes /No

Additional explanations? [fill in]

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

(b) If the agreement or arrangement relates to a river or lake basin or sub-basin, does it also cover aquifers?

Yes /No

If yes, please list the aquifers covered by the agreement or arrangement:

<https://www.ikse-mkol.org/en/eu-directives/water-framework-directive/international-management-plan-for-the-elbe-river-basin-district/>

Chap. 1.2 Groundwater, pages 17/18, map 1.4 (a total of 100 units in the Czech part of the ICPER)

or

<http://eagri.cz/public/web/mze/voda/planovani-v-oblasti-vod/priprava-planu-povodi-pro-2-obdobi/zverejnene-informace/narodni-plany-povodi-1/narodni-plany-povodi-labe.html>

Chap. 1.3 Podzemní vody, pages 14 – 16, map 1.3

We have no list of aquifer, there is only basic data.

(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

Fisheries

Tourism

Nature protection

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

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

Procedural and institutional issues

Dispute and conflict prevention and resolution

Institutional cooperation (joint bodies)

Consultation on planned measures

Mutual assistance

Topics of cooperation

Joint vision and management objectives

Joint significant water management issues

Navigation

Human health

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

-
- Joint monitoring
 - Maintenance of joint pollution inventories
 - Elaboration of joint water quality objectives
 - Common early warning and alarm procedures
 - 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?

- Aligning implementation of agreement or arrangement with national laws, policies and programmes
- Aligning implementation of agreement or arrangement with regional laws, policies and programmes
- Lack of financial resources
- Insufficient human capacity
- Insufficient technical capacity
- Tense diplomatic relations
- Non-participation of certain riparian countries in the agreement
- No significant difficulties
- Other (*please describe*): [fill in]

(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 and Flood Risk Management 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

3. Is your country a member of any joint body or mechanism for this agreement or arrangement?

Yes /No

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

Where there is a joint body or mechanism

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

Plenipotentiaries

Bilateral commission

Basin or similar commission

Expert group meeting or meeting of national focal points

Other (please describe): [fill in]

(b) Does the joint body or mechanism cover the entire transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

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

(d) Are there any riparian States that are not members of the joint body or mechanism? (please list): **observers - Austria, Poland**

(e) If not all riparian States are members of the joint body or mechanism how does the joint body or mechanism 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)**

(f) Does the joint body or mechanism 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 groups:

Water Framework Directive (WFD)

Flood Protection (FP)

Accidental Water Pollution (H)

Expert groups:

Surface Waters (SW)

Ground Waters (GW)

Data management (DATA)

Ad Hoc Expert Group "Nutrients" (NP)

Hydrology (Hy)

-
- Other features (*please list*): [fill in]
- (g) What are the tasks and activities of this joint body or mechanism?⁸
- | | |
|---|-------------------------------------|
| Identification of pollution sources | <input checked="" type="checkbox"/> |
| Data collection and exchange | <input checked="" type="checkbox"/> |
| Joint monitoring | <input checked="" type="checkbox"/> |
| Maintenance of joint pollution inventories | <input checked="" type="checkbox"/> |
| Setting emission limits | <input type="checkbox"/> |
| Elaboration of joint water quality objectives | <input checked="" type="checkbox"/> |
| Management and prevention of flood or drought risks | <input checked="" type="checkbox"/> |
| Preparedness for extreme events, e.g., common early warning and alarm procedures | <input checked="" type="checkbox"/> |
| Surveillance and early warning of water related disease | <input type="checkbox"/> |
| Water allocation and/or flow regulation | <input type="checkbox"/> |
| Policy development | <input type="checkbox"/> |
| Control of implementation | <input checked="" type="checkbox"/> |
| Exchange of experience between riparian States | <input checked="" type="checkbox"/> |
| Exchange of information on existing and planned uses of water and related installations | <input checked="" type="checkbox"/> |
| Settling of differences and conflicts | <input checked="" type="checkbox"/> |
| Consultations on planned measures | <input checked="" type="checkbox"/> |
| Exchange of information on best available technology | <input type="checkbox"/> |
| Participation in transboundary EIA | <input type="checkbox"/> |
| Development of river, lake or aquifer basin management or action plans | <input checked="" type="checkbox"/> |
| Management of shared infrastructure | <input type="checkbox"/> |
| Addressing hydromorphological alterations | <input checked="" type="checkbox"/> |
| Climate change adaptation | <input checked="" type="checkbox"/> |
| Joint communication strategy | <input checked="" type="checkbox"/> |
| Basin-wide or joint public participation and consultation of, for example, basin management plans | <input checked="" type="checkbox"/> |
| Joint resources to support transboundary cooperation | <input checked="" type="checkbox"/> |
| Capacity-building | <input type="checkbox"/> |
| Any other tasks (<i>please list</i>): [fill in] | |

⁸ 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.

(h) What are the main difficulties and challenges that your country faces with the operation of the joint body or mechanism, 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]

(i) Does the joint body or mechanism, or its subsidiary bodies meet regularly?

Yes /No

If yes, how frequently does it meet?

More than once per year

Once per year

Less than once per year

(j) What are the main achievements with regards to the joint body or mechanism?:

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 and Flood Risk Management Directive

(k) Did the joint body or mechanism ever invite a non-riparian coastal State to cooperate?

Yes /No

If yes, please give details. If no, why not, e.g. are the relevant coastal States also riparian States and therefore already members of the joint body or mechanism?

Germany is coastal state.

4. Have joint objectives, a common strategy, a joint or coordinated management plan or action plan been agreed for the basin, sub-basin, part of a basin or group of basins?

Yes /No

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

-
5. How is the transboundary basin,–sub-basin, part of a basins or group of basins protected, including the protection of ecosystems, in the context of sustainable and rational water use?

Regulation of urbanization, deforestation, and sand and gravel extraction.

Environmental flow norms, including consideration of levels and seasonality

Water quality protection, e.g. nitrates, pesticides, faecal coliforms, heavy metals

Water-related species and habitats protection

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

6. (a) Does your country regularly exchange information and data with other riparian States in the basin, sub-basin, part of a basin or group of basins?

Yes /No

- (b) If yes, how often:

More than once per year

Once per year

Less than once per year

- (c) Please describe how information is exchanged (e.g. in connection with meetings of joint bodies): **in connection with meetings of joint bodies, by email communication**

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

Environmental conditions

Research activities and application of best available techniques

Emission monitoring data

Planned measures taken to prevent, control or reduce transboundary impacts

Point source pollution sources

Diffuse pollution sources

Existing hydromorphological alterations (dams, etc.)

Flows or water levels (including groundwater levels)

Water abstractions

Climatological information

Future planned measures with transboundary impacts, such as infrastructure development

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

Other comments, e.g. spatial coverage of data and information exchange: [fill in]

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

Yes /No

(f) Is the database publicly available?

Yes /No

If yes, please provide the web address: www.ikse-mkol.org

(g) What are the main difficulties and challenges to data exchange, if applicable?

Frequency of exchanges

Timing of exchanges

Comparability of data and information

Limited spatial coverage

Inadequate resources (technical and/or financial)

Other (please describe):

Additional comments: **Different national standards of riparian states with regard to data**

(h) What are the main benefits of data exchange on the basin, sub-basin, part of a basin or group of basins? (please describe): **Mutual awareness**

7. Do the riparian States carry out joint monitoring in the transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

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

	<i>Hydrological</i>	<i>Ecological</i>	<i>Chemical</i>
Border surface waters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface waters in the entire basin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface waters on the main watercourse	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Surface waters in part of the basin please describe [on the main tributaries to the main watercourse fill in]	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Transboundary aquifer(s) (connected or unconnected)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aquifer(s) in the territory of one riparian hydraulically connected to a transboundary river or lake	<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

Please describe: International Monitoring Network

Joint and agreed methodologies

Please describe: [fill in]

Joint sampling

Please describe: Regular joint sampling of water on selected monitoring sites with comparing of analytical results

Common monitoring network

Please describe: Profiles of the International Elbe Programme

Common agreed parameters

Please describe: Annual updates of the International Monitoring Programme Elbe

(c) Please describe the main achievements regarding joint monitoring, if any: [providing a complete overview of the situation of the Elbe River basin district, ensuring of a good quality and comparability of analytical 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, sub-basin, part of a basin or group of basins?

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, and assessment methodology applied: **There is harmonisation of assessment of transboundary waterbodies done in line with Water Framework Directive, last was done in 2020.***

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

Yes /No

*If yes, what standards have been applied, e.g. international or regional standards (please specify which), or have national standards of the riparian States been applied? **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?

Notification and communication

Coordinated or joint early warning or alarm system for accidental water pollution

Other (*please list*): [establishment of a stable emergency profile on the Elbe below Děčín in 2016]

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 and climate change?

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?

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, sub-basin, part of a basin or group of basins?

Yes /No

If yes, how? (please tick all applicable)

Stakeholders have observer status in a joint body or mechanism

Stakeholders have an advisory role in the joint body

Stakeholders have a decision-making role in the joint body

If yes, please specify the stakeholders for the joint body or mechanism:

Czech ecological NGOs: Arnika, German ecological NGOs: BUND, Grüne Liga e. V., WWF Deutschland, Förderkreis Rettet die Elbe e. V.

Other German organizations: Kammerunion Elbe/Oder, Flood

Partnership Elbe (HPE – Hochwasserpartnerschaft Elbe), AWE, DWA, Association of Agricultural Chambers (Verband der Landwirtschaftskammern e. V.), Hafenkooperation ELBE-SEAPORTS, NORDOSTCHEMIE

Intergovernmental organizations

Private sectors organizations or associations

Water user groups or associations

Academic or research institutions

Other non-governmental organizations

General public

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

Availability of information to the public

Consultation on planned measures or river basin management plans⁹

Public involvement

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

⁹ Or, where applicable, aquifer management plans.

Please remember to complete section II for each of the transboundary basins, sub-basin, part of a basin or group of basins. Please also remember to attach copies of agreements or arrangements, if any.

II. Questions for each transboundary basin, sub-basin, part of a basin, or group of basins (river, lake or aquifer)

Please complete this second section for each transboundary basin (river or lake basin, or aquifer), sub-basin, part of a basin or a group of basins covered by the same agreement or arrangement where conditions are similar.¹⁰ In some instances, you may provide information on both a basin and one or more of its sub-basins or parts thereof, for example, where you have agreements¹¹ or arrangements on both the basin and its sub-basin. You may coordinate your responses with other States with which your country shares transboundary waters, or even prepare a joint report. General information on transboundary water management at the national level should be provided in section III and not repeated here.

Please reproduce this whole section with its questions for each transboundary basin, sub-basin, part of a basin or group of basins for which you will provide a reply.

Name of the transboundary basin,-sub-basin, part of a basin or group of basins: part of the Elbe river basin – i. e. parts of the Vltava and Ohře river sub-basins

List of the riparian States: Germany, the Czech Republic

In the case of an aquifer, what is the nature of the aquifer and its relation with the river or lake basin:

- | | | |
|---|-------------------------------------|-------------------------------------|
| Unconfined aquifer connected to a river or lake | <input checked="" type="checkbox"/> | |
| Unconfined aquifer with no or limited relation with surface water | | <input checked="" type="checkbox"/> |
| Confined aquifer connected to surface water | <input checked="" type="checkbox"/> | |
| Confined aquifer with no or limited relation with surface water | | <input checked="" type="checkbox"/> |
| Other | | <input type="checkbox"/> |
| Please describe: [fill in] | | |
| Unknown | <input type="checkbox"/> | |

Percentage of your country’s territory within the basin, sub-basin, part of a basin or group of basins: along the state border with Germany, approximately 0,5 %

1. Is there one or more transboundary (bilateral or multilateral) agreement(s) or arrangement(s) on this basin, sub-basin, part of a basin or group of basins?

One or more agreements or arrangements exist and are in force	<input checked="" type="checkbox"/>
Agreement or arrangement developed but not in force	<input type="checkbox"/>
Agreement or arrangement developed, but not in force for all riparians	<input type="checkbox"/>

¹⁰ In principle, section II 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.

¹¹ 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.

Please insert the name of the agreement(s) or arrangement(s) Agreement between the Czech Republic and the Federal Republic of Germany on cooperation in the management of transboundary waters

Agreement or arrangement is under development

No agreement or arrangement

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 or mechanism for the transboundary basin, sub-basin, part of a basin or group of basins then jump to question 4; if there is no agreement or arrangement, but a joint body or mechanism 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, sub-basin, part of a basin or group of basins.

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

Yes /No

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

Yes /No

Additional explanations? **It is bilateral agreement. It covers sections of watercourses intersected by Czech - German 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

Additional explanations? [fill in]

Which States (including your own) are bound by the agreement or arrangement? (Please list): **Germany, the Czech Republic - parts of the Vltava and Ohře river sub-basins along the state border with Germany according to the agreement**

(b) If the agreement or arrangement relates to a river or lake basin or sub-basin, does it also cover aquifers?

Yes /No

If yes, please list the aquifers covered by the agreement or arrangement: **Bilateral agreement cover aquifers but they are not specific aquifers there and so it cannot be possible to provide more information. Data not available.**

Cooperation within transboundary water management under relevant bilateral agreements with neighboring states is based mainly on discussing and harmonizing specific intention at a given moment that could influence surface or groundwater in the other riparian States.

(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

Fisheries

Tourism

Nature protection

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

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

Procedural and institutional issues

Dispute and conflict prevention and resolution

Institutional cooperation (joint bodies)

Consultation on planned measures

Mutual assistance

Topics of cooperation

Joint vision and management objectives

Joint significant water management issues

Navigation

Human health

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

Joint monitoring

Maintenance of joint pollution inventories

Elaboration of joint water quality objectives

- Common early warning and alarm procedures
- 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?

- Aligning implementation of agreement or arrangement with national laws, policies and programmes
- Aligning implementation of agreement or arrangement with regional laws, policies and programmes
- Lack of financial resources
- Insufficient human capacity
- Insufficient technical capacity
- Tense diplomatic relations
- Non-participation of certain riparian countries in the agreement
- No significant difficulties

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

(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*): **https://www.mzp.cz/cz/nemecko_dokument**

3. Is your country a member of any joint body or mechanism for this agreement or arrangement?

Yes /No

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

Where there is a joint body or mechanism

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

- Plenipotentiaries
- Bilateral commission

Basin or similar commission

Expert group meeting or meeting of national focal points

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

(b) Does the joint body or mechanism cover the entire transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

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

(d) Are there any riparian States that are not members of the joint body or mechanism? (*please list*): **Yes, but the bilateral agreement concerns only transboundary waters in the section of the state border between the Czech Republic and Germany**

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

No cooperation

They have observer status

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

(f) Does the joint body or mechanism 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*): [fill in]

(g) What are the tasks and activities of this joint body or mechanism?¹²

Identification of pollution sources

Data collection and exchange

Joint monitoring

Maintenance of joint pollution inventories

¹² 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.

-
- 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
 - Surveillance and early warning of water related disease
 - 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]

(h) What are the main difficulties and challenges that your country faces with the operation of the joint body or mechanism, 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]

(i) Does the joint body or mechanism, or its subsidiary bodies meet regularly?

Yes /No

If yes, how frequently does it meet?

More than once per year

Once per year

Less than once per year

(j) What are the main achievements with regards to the joint body or mechanism?
effective water management, common projects

(k) Did the joint body or mechanism ever invite a non-riparian coastal State to cooperate?

Yes /No

If yes, please give details. If no, why not, e.g. are the relevant coastal States also riparian States and therefore already members of the joint body or mechanism? [fill in] **This agreement covers the cooperation on transboundary issues and the concerned Czech - German boundaries are not relevant for costal part of Germany. The Czech Republic cooperates with Germany as a coastal state in International Commission for the Protection of the Elbe River.**

4. Have joint objectives, a common strategy, a joint or coordinated management plan or action plan been agreed for the basin, sub-basin, part of a basin or group of basins?

Yes /No

If yes, please provide further details: **Cooperation on transboundary waters is based mainly on the discussion of specific measures (surface water and groundwater abstractions, waste water discharges, constructions on and by riverbeds, bridges, weirs, adjustment of riverbeds etc.); there is also coordinated monitoring of water quality, cooperation in accordance with the requirements of the Water Framework Directive (harmonization of the assessment of joint surface water bodies, measures, exemptions); coordinated cooperation for the protection of pearl mussels; cooperation in case of accidents - joint directive, etc.**

5. How is the transboundary basin,–sub-basin, part of a basins or group of basins protected, including the protection of ecosystems, in the context of sustainable and rational water use?

Regulation of urbanization, deforestation, and sand and gravel extraction.

Environmental flow norms, including consideration of levels and seasonality

Water quality protection, e.g. nitrates, pesticides, faecal coliforms, heavy metals

Water-related species and habitats protection

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

6. (a) Does your country regularly exchange information and data with other riparian States in the basin, sub-basin, part of a basin or group of basins?

Yes /No

- (b) If yes, how often:

More than once per year

Once per year

Less than once per year

- (c) Please describe how information is exchanged (e.g. in connection with meetings of joint bodies): **electronically, within working groups, at meetings**

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

Environmental conditions

Research activities and application of best available techniques

Emission monitoring data

Planned measures taken to prevent, control or reduce transboundary impacts

Point source pollution sources

Diffuse pollution sources

Existing hydromorphological alterations (dams, etc.)

Flows or water levels (including groundwater levels)

Water abstractions

Climatological information

Future planned measures with transboundary impacts, such as infrastructure development

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

Other comments, e.g. spatial coverage of data and information exchange: [fill in]

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

Yes /No

- (f) Is the database publicly available?

Yes /No

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

- (g) What are the main difficulties and challenges to data exchange, if applicable?

Frequency of exchanges

Timing of exchanges

Comparability of data and information

Limited spatial coverage

Inadequate resources (technical and/or financial)

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

Additional comments: [fill in]

(h) What are the main benefits of data exchange on the basin, sub-basin, part of a basin or group of basins? (*please describe*): **Mutual awareness.**

7. Do the riparian States carry out joint monitoring in the transboundary basin, sub-basin, part of a basin or group of basins? **There is 1 profile where the joint monitoring is done.**

Yes /No

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

	<i>Hydrological</i>	<i>Ecological</i>	<i>Chemical</i>
Border surface waters	<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"/>
Surface waters on the main watercourse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface waters in part of the basin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>please describe</i> [fill in]			
Transboundary aquifer(s) (connected or unconnected)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aquifer(s) in the territory of one riparian hydraulically connected to a transboundary river or lake	<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

Please describe: [fill in]

Joint and agreed methodologies

Please describe: [fill in]

Joint sampling

Please describe: **Joint sampling is based on the work group's work plan for the year. The work plan sets deadlines joint sampling.**

Common monitoring network

Please describe: **Common monitoring network is filling according to the results joint sampling and group's work plan.**

Common agreed parameters

*Please describe: **Common agreed parameters is based on the work group's work plan for the year.***

(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, sub-basin, part of a basin or group of basins?

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, and assessment methodology applied: **There is harmonisation of assessment of transboundary waterbodies done in line with Water Framework Directive, last was done in 2020.***

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

Yes /No

*If yes, what standards have been applied, e.g. international or regional standards (please specify which), or have national standards of the riparian States been applied? **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?

Notification and communication

Coordinated or joint early warning or 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 and climate change?

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?

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, sub-basin, part of a basin or group of basins?

Yes /No

If yes, how? (please tick all applicable)

Stakeholders have observer status in a joint body or mechanism

Stakeholders have an advisory role in the joint body

Stakeholders have a decision-making role in the joint body

If yes, please specify the stakeholders for the joint body or mechanism:
[fill in]

Intergovernmental organizations

Private sectors organizations or associations

Water user groups or associations

Academic or research institutions

Other non-governmental organizations

General public

Other (please specify):

Availability of information to the public

Consultation on planned measures or river basin management plans¹³

Public involvement

Other (please specify):

Please remember to complete section II for each of the transboundary basins, sub-basin, part of a basin or group of basins. Please also remember to attach copies of agreements or arrangements, if any.

II. Questions for each transboundary basin, sub-basin, part of a basin, or group of basins (river, lake or aquifer)

Please complete this second section for each transboundary basin (river or lake basin, or aquifer), sub-basin, part of a basin or a group of basins covered by the same agreement or arrangement where conditions are similar.¹⁴ In some instances, you may provide information

¹³ Or, where applicable, aquifer management plans.

¹⁴ In principle, section II 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.

on both a basin and one or more of its sub-basins or parts thereof, for example, where you have agreements¹⁵ or arrangements on both the basin and its sub-basin. You may coordinate your responses with other States with which your country shares transboundary waters, or even prepare a joint report. General information on transboundary water management at the national level should be provided in section III and not repeated here.

Please reproduce this whole section with its questions for each transboundary basin, sub-basin, part of a basin or group of basins for which you will provide a reply.

Name of the transboundary basin,-sub-basin, part of a basin or group of basins:

Vltava sub-basin is part of the Elbe river basin, Morava sub-basin is part of Danube river basin

List of the riparian States: Austria, the Czech Republic

In the case of an aquifer, what is the nature of the aquifer and its relation with the river or lake basin:

- | | | |
|---|-------------------------------------|-------------------------------------|
| Unconfined aquifer connected to a river or lake | <input checked="" type="checkbox"/> | |
| Unconfined aquifer with no or limited relation with surface water | | <input checked="" type="checkbox"/> |
| Confined aquifer connected to surface water | <input checked="" type="checkbox"/> | |
| Confined aquifer with no or limited relation with surface water | | <input checked="" type="checkbox"/> |
| Other | | <input type="checkbox"/> |
| Please describe: [fill in] | | |
| Unknown | <input type="checkbox"/> | |

Percentage of your country's territory within the basin, sub-basin, part of a basin or group of basins: along the state border with Austria approximately 0,3%

1. Is there one or more transboundary (bilateral or multilateral) agreement(s) or arrangement(s) on this basin, sub-basin, part of a basin or group of basins?

- | | |
|---|-------------------------------------|
| One or more agreements or arrangements exist and are in force | <input checked="" type="checkbox"/> |
| Agreement or arrangement developed but not in force | <input type="checkbox"/> |
| Agreement or arrangement developed, but not in force for all riparians | <input type="checkbox"/> |
| <i>Please insert the name of the agreement(s) or arrangement(s) Treaty between the Czechoslovak Socialist Republic and the Republic of Austria on Water Management Issues on Transboundary Waters</i> | |
| Agreement or arrangement is under development | <input type="checkbox"/> |
| No agreement or arrangement | <input type="checkbox"/> |

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 or mechanism for the transboundary basin, sub-basin, part of a basin or group of basins then jump to question 4; if there is no agreement or arrangement, but a joint body or mechanism then go to question 3.

¹⁵ 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.

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

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

Yes /No

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

Yes /No

Additional explanations?

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

Additional explanations? [fill in]

Which States (including your own) are bound by the agreement or arrangement?
(Please list): **Austria, the Czech Republic - parts of the Vltava and Morava river sub-basins along the state border with Austria according to the agreement**

(b) If the agreement or arrangement relates to a river or lake basin or sub-basin, does it also cover aquifers?

Yes /No

If yes, please list the aquifers covered by the agreement or arrangement: **Bilateral agreement cover aquifers but they are not specific aquifers there and so it cannot be possible to provide more information. Data not available.**

Cooperation within transboundary water management under relevant bilateral agreements with neighboring states is based mainly on discussing and harmonizing specific intention at a given moment that could influence surface or groundwater in the other riparian States.

(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

-
- Fisheries
 - Tourism
 - Nature protection
 - Other (*please list*): [fill in]

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

Procedural and institutional issues

- Dispute and conflict prevention and resolution
- Institutional cooperation (joint bodies)
- Consultation on planned measures
- Mutual assistance

Topics of cooperation

- Joint vision and management objectives
- Joint significant water management issues
- Navigation
- Human health
- 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
- Joint monitoring
- Maintenance of joint pollution inventories
- Elaboration of joint water quality objectives
- Common early warning and alarm procedures
- 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? **No difficulties with the implementation of agreement.**

Aligning implementation of agreement or arrangement with national laws, policies and programmes

Aligning implementation of agreement or arrangement with regional laws, policies and programmes

Lack of financial resources

Insufficient human capacity

Insufficient technical capacity

Tense diplomatic relations

Non-participation of certain riparian countries in the agreement

No significant difficulties

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

(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*):

[https://www.mzp.cz/C1257458002F0DC7/cz/rakousko_dokument/\\$FILE/OOV-smlouva_HV_Rak-20131003.pdf](https://www.mzp.cz/C1257458002F0DC7/cz/rakousko_dokument/$FILE/OOV-smlouva_HV_Rak-20131003.pdf)

3. Is your country a member of any joint body or mechanism for this agreement or arrangement?

Yes /No

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

Where there is a joint body or mechanism

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

Plenipotentiaries

Bilateral commission

Basin or similar commission

Expert group meeting or meeting of national focal points

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

(b) Does the joint body or mechanism cover the entire transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

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

(d) Are there any riparian States that are not members of the joint body or mechanism? (*please list*): **Germany, Poland, Slovakia but the bilateral agreement concerns only transboundary waters in the section of the state border between the Czech Republic and Austria**

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

No cooperation

They have observer status

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

(f) Does the joint body or mechanism 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 own secretariat. They have joint meetings, solve joint issues.**

A subsidiary body or bodies

Please list (e.g., working groups on specific topics): **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*): [fill in]

(g) What are the tasks and activities of this joint body or mechanism?¹⁶

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

Surveillance and early warning of water related disease

Water allocation and/or flow regulation

Policy development

Control of implementation

¹⁶ 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.

-
- 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]

(h) What are the main difficulties and challenges that your country faces with the operation of the joint body or mechanism, 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]

(i) Does the joint body or mechanism, or its subsidiary bodies meet regularly?

Yes /No

If yes, how frequently does it meet?

More than once per year

Once per year

Less than once per year

(j) What are the main achievements with regards to the joint body or mechanism?
Effective water management, common projects

(k) Did the joint body or mechanism ever invite a non-riparian coastal State to cooperate?

Yes /No

If yes, please give details. If no, why not, e.g. are the relevant coastal States also riparian States and therefore already members of the joint body or mechanism? **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

4. Have joint objectives, a common strategy, a joint or coordinated management plan or action plan been agreed for the basin, sub-basin, part of a basin or group of basins?

Yes /No

If yes, please provide further details: **Cooperation on transboundary waters is based mainly on the discussion of specific measures (surface water and groundwater abstractions, waste water discharges, constructions on and by riverbeds, bridges, weirs, adjustment of riverbeds etc.); there is also coordinated monitoring of water quality, cooperation in accordance with the requirements of the Water Framework Directive (harmonization of the assessment of joint surface water bodies, measures, exemptions); coordinated cooperation for the protection of pearl mussels; cooperation in case of accidents - joint directive, etc.**

5. How is the transboundary basin,–sub-basin, part of a basins or group of basins protected, including the protection of ecosystems, in the context of sustainable and rational water use?

Regulation of urbanization, deforestation, and sand and gravel extraction.

Environmental flow norms, including consideration of levels and seasonality

Water quality protection, e.g. nitrates, pesticides, faecal coliforms, heavy metals

Water-related species and habitats protection

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

6. (a) Does your country regularly exchange information and data with other riparian States in the basin, sub-basin, part of a basin or group of basins?

Yes /No

(b) If yes, how often:

More than once per year

Once per year

Less than once per year

(c) Please describe how information is exchanged (e.g. in connection with meetings of joint bodies): **Regularly at meetings of experts and Subcommissions**

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

Environmental conditions

Research activities and application of best available techniques

Emission monitoring data

Planned measures taken to prevent, control or reduce transboundary impacts

Point source pollution sources

Diffuse pollution sources

Existing hydromorphological alterations (dams, etc.)

Flows or water levels (including groundwater levels)

Water abstractions

Climatological information

Future planned measures with transboundary impacts, such as infrastructure development

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

Other comments, e.g. spatial coverage of data and information exchange: [fill in]

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

Yes /No

(f) Is the database publicly available?

Yes /No

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

(g) What are the main difficulties and challenges to data exchange, if applicable?

No difficulties related to data exchange occur.

Frequency of exchanges

Timing of exchanges

Comparability of data and information

Limited spatial coverage

Inadequate resources (technical and/or financial)

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

Additional comments: [fill in]

(h) What are the main benefits of data exchange on the basin, sub-basin, part of a basin or group of basins? (*please describe*): **Mutual awareness.**

7. Do the riparian States carry out joint monitoring in the transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

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

	<i>Hydrologic al</i>	<i>Ecological</i>	<i>Chemical</i>
Border surface waters	<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"/>
Surface waters on the main watercourse	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Surface waters in part of the basin please describe [fill in]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transboundary aquifer(s) (connected or unconnected)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aquifer(s) in the territory of one riparian hydraulically connected to a transboundary river or lake	<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

Please describe: [fill in]

Joint and agreed methodologies

Please describe: [fill in]

Joint sampling

Please describe: **Joint sampling is based on the work group's work plan for the year. The work plan sets deadlines joint sampling.**

Common monitoring network

Please describe: **Common monitoring network is filling according to the results joint sampling and group's work plan.**

Common agreed parameters

Please describe: **Common agreed parameters is based on the work group's work plan for the year.**

(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, sub-basin, part of a basin or group of basins?

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, and assessment methodology applied: **There is harmonisation of assessment of transboundary waterbodies done in line with Water Framework Directive, last was done in 2020.***

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

Yes /No

*If yes, what standards have been applied, e.g. international or regional standards (please specify which), or have national standards of the riparian States been applied? **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?

Notification and communication

Coordinated or joint early warning or 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 and climate change?

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):

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?

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, sub-basin, part of a basin or group of basins?

Yes /No

If yes, how? (please tick all applicable)

Stakeholders have observer status in a joint body or mechanism

-
- Stakeholders have an advisory role in the joint body
- Stakeholders have a decision-making role in the joint body
- If yes, please specify the stakeholders for the joint body or mechanism:*
[fill in]
- Intergovernmental organizations
 - Private sectors organizations or associations
 - Water user groups or associations
 - Academic or research institutions
 - Other non-governmental organizations
 - General public
 - Other (please specify): [fill in]
- Availability of information to the public
- Consultation on planned measures or river basin management plans¹⁷
- Public involvement
- Other (please specify): [fill in]

¹⁷ Or, where applicable, aquifer management plans.

Please remember to complete section II for each of the transboundary basins, sub-basin, part of a basin or group of basins. Please also remember to attach copies of agreements or arrangements, if any.

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

Please complete this second section for each transboundary basin (river or lake basin, or aquifer), sub-basin, part of a basin or a group of basin covered by the same agreement or arrangement where conditions are similar¹⁸. In some instances, you may provide information on both a basin and one or more of its sub-basins or parts thereof, for example, where you have agreements¹⁹ or arrangements on both the basin and its sub-basin. You may coordinate your responses with other States with which your country shares transboundary waters, or even prepare a joint report. General information on transboundary water management at the national level should be provided in section III 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, sub-basin, part of a basin or groups of basins:

Oder River Basin

List of the riparian States: Germany, Poland and the Czech Republic

In the case of an aquifer, what is the nature of the aquifer and its relation with the river or lake basin:

- | | |
|---|-------------------------------------|
| Unconfined aquifer connected to a river or lake | <input checked="" type="checkbox"/> |
| Unconfined aquifer with no or limited relation with surface water | <input checked="" type="checkbox"/> |
| Confined aquifer connected to surface water | <input checked="" type="checkbox"/> |
| Confined aquifer with no or limited relation with surface water | <input checked="" type="checkbox"/> |
| Other | <input type="checkbox"/> |
| Please describe: [fill in] | |
| Unknown | <input type="checkbox"/> |

Percentage of your country's territory within the basin, sub-basin, part of a basin or group of basins: Oder River Basin – 6 % (share of Czech Republic on total territory of Oder River Basin, not percentage of Oder River Basin in Czech Republic)

1. Is there one or more transboundary (bilateral or multilateral) agreement(s) or arrangement(s) on this basin, sub-basin, part of a basin or group of basins?

One or more agreements or arrangements exist and are in force	<input checked="" type="checkbox"/>
---	-------------------------------------

¹⁸ In principle, section II 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.

¹⁹ 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.

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 against Pollution

Agreement or arrangement is under development

No agreement or arrangement

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 or mechanism for the transboundary basin, sub-basin, part of a basin or group of basin then jump to question 4; if there is no agreement or arrangement, but a joint body or mechanism 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, sub-basin, part of basin or group of basins.

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

Yes /No

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

Yes /No

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

Yes /No

Additional explanations? : [fill in]

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

(b) If the agreement or arrangement relates to a river or lake basin or sub-basin, does it also cover aquifer?

Yes /No

If yes, please list the aquifer covered by the agreement or arrangement:

(page 19, <http://mkoo.pl/index.php?mid=4&aid=790&lang=CZ>). We have no list of aquifer, there is only basic data.

(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
 - Fisheries
 - Tourism
 - Nature protection
 - Other (*please list*):

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

Procedural and institutional issues

- Dispute and conflict prevention and resolution
- Institutional cooperation (joint bodies)
- Consultation on planned measures
- Mutual assistance

Topics of cooperation

- Joint vision and management objectives
- Joint significant water management issues
- Navigation
- Human health
- 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
- Joint monitoring
- Maintenance of joint pollution inventories
- Elaboration of joint water quality objectives
- Common early warning and alarm procedures
- 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?

- Aligning implementation of agreement or arrangement with national laws, policies and programmes
- Aligning implementation of agreement or arrangement with regional laws, policies and programmes
- Lack of financial resources
- Insufficient human capacity
- Insufficient technical capacity
- Tense diplomatic relations
- Non-participation of certain riparian countries in the agreement
- No significant difficulties
- Other (*please describe*): [fill in]

(f) What are the main achievements in implementing the agreement or arrangement and what were the keys to achieving such success? [fill in]

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*): [fill in]

<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 or arrangement?

Yes /No

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

Where there is a joint body or mechanism

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

- Plenipotentiaries
- Bilateral commission
- Basin or similar commission

Expert group meeting of national points

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

- (b) Does the joint body or mechanism cover the entire transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

- (c) Which States (including your own) are member of the joint body or mechanism? (*Please list*): [fill in]

Germany, Poland and the Czech Republic

- (d) Are there any riparian States that are not members of the joint body or mechanism? (*Please list*): [fill in]

No

- (e) If not all riparian States are members of the joint body or mechanism how does the joint body or mechanism cooperate with them?

No cooperation

They have observer status

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

- (f) Does the joint body or mechanism 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 secretariat**

Joint secretariat

A subsidiary body or bodies

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

Working Group "Flood"

Working Group "Legal Issues"

Working Group "Water Framework Directive"

Working Group "Accidental Pollution"

Working Group "Data Management"

Working Sub-group "River Basin Management Plan"

Working Sub-group "Monitoring"

Other features (*please list*):

- (g) What are the tasks and activities of this joint body or mechanism?²⁰

Identification of pollution sources

²⁰ 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.

-
- | | |
|--|-------------------------------------|
| Data collection and exchange | <input checked="" type="checkbox"/> |
| Joint monitoring | <input checked="" type="checkbox"/> |
| Maintenance of joint pollution inventories | <input checked="" type="checkbox"/> |
| Setting emission limits | <input type="checkbox"/> |
| Elaboration of joint water quality objectives | <input checked="" type="checkbox"/> |
| Management and prevention of flood or drought risks | <input checked="" type="checkbox"/> |
| Preparedness for extreme events, e.g., common early warning and alarm procedures | <input checked="" type="checkbox"/> |
| Surveillance and early warning of water related disease | <input type="checkbox"/> |
| Water allocation and/or flow regulation | <input type="checkbox"/> |
| Policy development | <input type="checkbox"/> |
| Control of implementation | <input checked="" type="checkbox"/> |
| Exchange of experience between riparian States | <input checked="" type="checkbox"/> |
| Exchange of information on existing and planned uses of water and related installations | <input type="checkbox"/> |
| Settling of differences and conflicts | <input type="checkbox"/> |
| Consultations on planned measures | <input checked="" type="checkbox"/> |
| Exchange of information on best available technology | <input type="checkbox"/> |
| Participation in transboundary EIA | <input type="checkbox"/> |
| Development of river, lake or aquifer basin management or action plans | <input checked="" type="checkbox"/> |
| Management of shared infrastructure | <input type="checkbox"/> |
| Addressing hydromorphological alterations | <input checked="" type="checkbox"/> |
| Climate change adaptation | <input checked="" type="checkbox"/> |
| Joint communication strategy | <input checked="" type="checkbox"/> |
| Basin-wide or joint public participation and consultation of, for example, basin management plans | <input checked="" type="checkbox"/> |
| Joint resources to support transboundary cooperation | <input checked="" type="checkbox"/> |
| Capacity-building | <input type="checkbox"/> |
| Any other tasks (<i>please list</i>): [fill in] | |
| (h) What are the main difficulties and challenges that your country faces with the operation of the joint body or mechanism, if any? | |
| Governance issues | <input type="checkbox"/> |
| <i>Please describe, if any:</i> [fill in] | |
| Unexpected planning delays | <input type="checkbox"/> |
| <i>Please describe, if any:</i> [fill in] | |
| Lack of resources | <input type="checkbox"/> |
| <i>Please describe, if true:</i> [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]

(i) Does the joint body or mechanism, or its subsidiary bodies meet regularly?

Yes /No

If yes, how frequently does it meet?

More than once per year

Once per year

Less than once per year

(j) What are the main achievements with regards to the joint body or mechanism?

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.

(k) Did the joint body or mechanism ever invite a non-riparian coastal State to cooperate?

Yes /No

If yes, please give details. If no, why not, e.g. are the relevant coastal States also riparian States and therefore already members of the joint body or mechanism?

Two of the member states are a coastal state.

4. Have joint objectives, a common strategy, a joint or coordinated management plan or action plan been agreed for basin, sub-basin, part of a basin or group of basins?

Yes /No

If yes, please provide further details: [fill in]

International River Basin management plan for the Oder River is jointly prepared by member states.

5. How is the transboundary basin, sub-basin, part of a basin or group of basins protected, including the protection of ecosystems, in the context of sustainable and rational water use?

Regulation of urbanization, deforestation, and sand and gravel extraction.

Environmental flow norms, including consideration of levels and seasonality

-
- Water quality protection, e.g. nitrates, pesticides, faecal coliforms, heavy metals
- Water-related species and habitats protection
- Other measures (*please describe*): [fill in]
6. (a) Does your country regularly exchange information and data with other riparian States in the basin, sub-basin, part of a basin or group of basins?
Yes /No
- (b) If yes, how often:
More than once per year
Once per year
Less than once per year
- (c) Please describe how information is exchanged (e.g. in connection with meeting of joint bodies): [fill in]
The information shall be exchange at meetings of the working groups and sub-groups.
- (d) If yes, on what subjects are information and data exchanged?
Environmental conditions
Research activities and application of best available techniques
Emission monitoring data
Planned measures taken to prevent, control or reduce transboundary impacts
Point source pollution sources
Diffuse pollution sources
Existing hydromorphological alterations (dams, etc.)
Flows or water levels (including groundwater levels)
Water abstractions
Climatological information
Future planned measures with transboundary impacts, such as infrastructure development
Other subjects (*please list*): [fill in]
Other comments, e.g. spatial coverage of data and information exchange: [fill in]
- (e) Is there a shared database or information platform?
Yes /No
- (f) Is the database publicly available?
Yes /No
If yes, please provide the web address: [fill in]
<http://geoportal.mkoo.pl/IKSO/client/gisclient/index.html?&applicationId=2385>
- (g) What are the main difficulties and challenges to data exchange, if applicable?

- Frequency of exchanges
- Timing of exchanges
- Comparability of data and information
- Limited spatial coverage
- Inadequate resources (technical and/or financial)

Other (*please describe*): **Different standards for data collection in riparian states.**

Additional comments: [fill in]

(h) What are the main benefits of data exchange on the basin, sub-basin, part of a basin or group of basins? (*please describe*):

Mutual awareness.

7. Do the riparian States carry out joint monitoring in the transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

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

	<i>Hydrological</i>	<i>Ecological</i>	<i>Chemical</i>
Border surface waters	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Surface waters in the entire basin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface waters on the main watercourse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface waters in part of the basin please describe [fill in]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transboundary aquifer(s) (connected or unconnected)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aquifer(s) in the territory of one riparian hydraulically connected to a transboundary river or lake	<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

Please describe

Joint and agreed methodologies

Please describe [fill in]

Joint sampling

Please describe: Joint sampling is determined by the Working sub-group "Monitoring".

Common monitoring network

Please describe: Common monitoring network is determined by the Working sub-group "Monitoring".

-
- Common agreed parameters
- Please describe [fill in]*
- (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, sub-basin, part of basin or group of basin?
 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, and assessment methodology applied:*
9. Have the riparian States agreed to use joint water quality standards?
 Yes /No
- If yes, what standards have been applied, e.g. international or regional standard (please specify which), or have national standards of the riparian States been applied?*
- 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?
- 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 and climate change?
- 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?
 Yes /No
- If yes, please provide a brief summary:*

13. Are the public or relevant stakeholders involved in transboundary water management in the basin, sub-basin, part of basin or group of basins?

Yes /No

If yes, how? (please tick all applicable)

Stakeholders have observer status in a joint body or mechanism

Stakeholders have an advisory role in the joint body

Stakeholders have a decision-making role in the joint body

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

Intergovernmental organizations

Private sectors organizations or associations

Water user groups or associations

Academic or research institutions

Other non-governmental organizations

General public

Other (please specify): [fill in]

Availability of information to the public

Consultation on planned measures or river basin management plans²¹

Public involvement

Other (please specify): [fill in]

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 or lake basin, or aquifer), sub-basin, part of a basin or a group of basin covered by the same agreement or arrangement where conditions are similar²². In some instances, you may provide information on both a basin and one or more of its sub-basins or parts thereof, for example, where you have agreements²³ or arrangements on both the basin and its sub-basin. You may coordinate your responses with other States with which your country shares transboundary waters, or even prepare a joint report. General information on transboundary water management at the national level should be provided in section III and not repeated here.

²¹ Or, where applicable, aquifer management plans.

²² In principle, section II 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.

²³ 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.

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, sub-basin, part of a basin or groups of basins:

Part of the Oder River Basin, Part of the Elbe River Basin

List of the riparian States: Poland, the Czech Republic

In the case of an aquifer, what is the nature of the aquifer and its relation with the river or lake basin:

Unconfined aquifer connected to a river or lake

Unconfined aquifer with no or limited relation with surface water

Confined aquifer connected to surface water

Confined aquifer with no or limited relation with surface water

Other

Please describe: [fill in]

Unknown

Percentage of your country's territory within the basin, sub-basin, part of a basin or group of basins: along the state border with Poland, approximately 0,5%

1. Is there one or more transboundary (bilateral or multilateral) agreement(s) or arrangement(s) on this basin, sub-basin, part of a basin or group of basins?

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 Republic of Poland on Cooperation in Water Management on Transboundary Waters

Agreement or arrangement is under development

No agreement or arrangement

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 or mechanism for the transboundary basin, sub-basin, part of a basin or group of basin then jump to question 4; if there is no agreement or arrangement, but a joint body or mechanism 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, sub-basin, part of basin or group of basins.

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

Yes /No

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

Yes /No

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

Yes /No

Additional explanations? : [fill in]

Which States (including your own) are bound by the agreement or arrangement?
(Please list): **Poland, the Czech Republic - parts of the Oder and Elbe river basins along the state border with Poland according to the agreement**

(b) If the agreement or arrangement relates to a river or lake basin or sub-basin, does it also cover aquifer?

Yes /No

If yes, please list the aquifer covered by the agreement or arrangement:

Bilateral agreement cover aquifers but they are not specific aquifers there and so it cannot be possible to provide more information. Data not available.

Cooperation within transboundary water management under relevant bilateral agreements with neighboring states is based mainly on discussing and harmonizing specific intention at a given moment that could influence surface or groundwater in the other riparian States.

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

- | | |
|-------------------------------|-------------------------------------|
| All water uses | <input checked="" type="checkbox"/> |
| A single water use or sector | <input type="checkbox"/> |
| Several water uses or sectors | <input type="checkbox"/> |

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

Water uses or sectors

- | | |
|---|--------------------------|
| Industry | <input type="checkbox"/> |
| Agriculture | <input type="checkbox"/> |
| Transport (e.g., navigation) | <input type="checkbox"/> |
| Households | <input type="checkbox"/> |
| Energy: hydropower and other energy types | <input type="checkbox"/> |
| Fisheries | <input type="checkbox"/> |
| Tourism | <input type="checkbox"/> |
| Nature protection | <input type="checkbox"/> |
| Other (please list): | |

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

Procedural and institutional issues

- | | |
|--|-------------------------------------|
| Dispute and conflict prevention and resolution | <input checked="" type="checkbox"/> |
| Institutional cooperation (joint bodies) | <input checked="" type="checkbox"/> |
| Consultation on planned measures | <input checked="" type="checkbox"/> |

-
- Mutual assistance
- Topics of cooperation**
- Joint vision and management objectives
- Joint significant water management issues
- Navigation
- Human health
- 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
- Joint monitoring
- Maintenance of joint pollution inventories
- Elaboration of joint water quality objectives
- Common early warning and alarm procedures
- 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?
- Aligning implementation of agreement or arrangement with national laws, policies and programmes
- Aligning implementation of agreement or arrangement with regional laws, policies and programmes
- Lack of financial resources
- Insufficient human capacity
- Insufficient technical capacity

Tense diplomatic relations

Non-participation of certain riparian countries in the agreement

No significant difficulties

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

(f) What are the main achievements in implementing the agreement or arrangement and what were the keys to achieving such success? [fill in]

Long-term cooperation and communication, exchange of information and experiences, common activities at different levels, political commitment. The Parties cooperate in the spirit of good neighborly relations. The implementation of cooperation based on the bilateral agreement concluded in Prague on April 20, 2015 is a continuation of nearly 40 years of tradition of cooperation based on the previous agreement between the Polish People Republic and Czechoslovakia.

(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*): [fill in]

[https://www.mzp.cz/C1257458002F0DC7/cz/polsko_dokument/\\$FILE/OOV-Polsko-20170727.pdf](https://www.mzp.cz/C1257458002F0DC7/cz/polsko_dokument/$FILE/OOV-Polsko-20170727.pdf)

3. Is your country a member of an operational joint body or joint bodies for this agreement or arrangement?

Yes /No

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

Where there is a joint body or mechanism

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

Plenipotentiaries

Bilateral commission

Basin or similar commission

Expert group meeting of national points

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

(b) Does the joint body or mechanism cover the entire transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

(c) Which States (including your own) are member of the joint body or mechanism? (*Please list*): [fill in]

Poland and the Czech Republic

(d) Are there any riparian States that are not members of the joint body or mechanism? (*Please list*): [fill in]

Yes, but the agreement concerns only transboundary waters in the section of the state border between the Czech Republic and Poland.

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

-
- No cooperation
- They have observer status
- Other (*please describe*): [fill in]
- (f) Does the joint body or mechanism 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 own secretariat. They have joint meetings and solve joint issues.**
- Joint secretariat**
- 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 "Implementation of Water Framework Directive"**
- Working Group "Protection Against Pollution"**
- Working Group "River Regulation, Water Supply and Irrigation"**
- Other features (*please list*):
- (g) What are the tasks and activities of this joint body or mechanism?²⁴
- 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
- Surveillance and early warning of water related disease
- Water allocation and/or flow regulation
- Policy development
- Control of implementation
- Exchange of experience between riparian States
- Exchange of information on existing and planned

²⁴ 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.

-
- 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]
- (h) What are the main difficulties and challenges that your country faces with the operation of the joint body or mechanism, 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]
- (i) Does the joint body or mechanism, or its subsidiary bodies meet regularly?
Yes /No
- If yes, how frequently does it meet?
- More than once per year
 - Once per year

Less than once per year

(j) What are the main achievements with regards to the joint body or mechanism?
Effective water management, common projects.

(k) Did the joint body or mechanism ever invite a non-riparian coastal State to cooperate?

Yes /No

If yes, please give details. If no, why not, e.g. are the relevant coastal States also riparian States and therefore already members of the joint body or mechanism?

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. Have joint objectives, a common strategy, a joint or coordinated management plan or action plan been agreed for basin, sub-basin, part of a basin or group of basins?

Yes /No

If yes, please provide further details: [fill in]

Cooperation on transboundary waters is based mainly on the discussion of specific measures (surface water and groundwater abstractions, waste water discharges, constructions on and by riverbeds, bridges, weirs, adjustment of riverbeds etc.); there is also coordinated monitoring of water quality, cooperation in accordance with the requirements of the Water Framework Directive (harmonization of the assessment of joint surface water bodies, measures and exemptions).

5. How is the transboundary basin, sub-basin, part of a basin or group of basins protected, including the protection of ecosystems, in the context of sustainable and rational water use?

Regulation of urbanization, deforestation, and sand and gravel extraction.

Environmental flow norms, including consideration of levels and seasonality

Water quality protection, e.g. nitrates, pesticides, faecal coliforms, heavy metals

Water-related species and habitats protection

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

6. (a) Does your country regularly exchange information and data with other riparian States in the basin, sub-basin, part of a basin or group of basins?

Yes /No

(b) If yes, how often:

More than once per year

Once per year

Less than once per year

(c) Please describe how information is exchanged (e.g. in connection with meeting of joint bodies): [fill in]

The information shall be exchange at meetings of the working groups.

- (d) If yes, on what subjects are information and data exchanged?
- | | |
|--|-------------------------------------|
| Environmental conditions | <input checked="" type="checkbox"/> |
| Research activities and application of best available techniques | <input checked="" type="checkbox"/> |
| Emission monitoring data | <input checked="" type="checkbox"/> |
| Planned measures taken to prevent, control or reduce transboundary impacts | <input checked="" type="checkbox"/> |
| Point source pollution sources | <input checked="" type="checkbox"/> |
| Diffuse pollution sources | <input checked="" type="checkbox"/> |
| Existing hydromorphological alterations (dams, etc.) | <input checked="" type="checkbox"/> |
| Flows or water levels (including groundwater levels) | <input checked="" type="checkbox"/> |
| Water abstractions | <input checked="" type="checkbox"/> |
| Climatological information | <input checked="" type="checkbox"/> |
| Future planned measures with transboundary impacts, such as infrastructure development | <input checked="" type="checkbox"/> |
| Other subjects (<i>please list</i>): [fill in] | |
| Other comments, e.g. spatial coverage of data and information exchange: [fill in] | |
- (e) Is there a shared database or information platform?
Yes /No
- (f) Is the database publicly available?
Yes /No
If yes, please provide the web address: [fill in]
- (g) What are the main difficulties and challenges to data exchange, if applicable?
- | | |
|---|--------------------------|
| Frequency of exchanges | <input type="checkbox"/> |
| Timing of exchanges | <input type="checkbox"/> |
| Comparability of data and information | <input type="checkbox"/> |
| Limited spatial coverage | <input type="checkbox"/> |
| Inadequate resources (technical and/or financial) | <input type="checkbox"/> |
| Other (<i>please describe</i>): [fill in] | |
- Additional comments: [fill in] **No difficulties related to data exchange occur.**
- (h) What are the main benefits of data exchange on the basin, sub-basin, part of a basin or group of basins? (*please describe*):

Mutual awareness.

7. Do the riparian States carry out joint monitoring in the transboundary basin, sub-basin, part of a basin or group of basins?
Yes /No

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

	<i>Hydrological</i>	<i>Ecological</i>	<i>Chemical</i>
Border surface waters	<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"/>
Surface waters on the main watercourse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface waters in part of the basin please describe [fill in]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transboundary aquifer(s) (connected or unconnected)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aquifer(s) in the territory of one riparian hydraulically connected to a transboundary river or lake	<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

Please describe [fill in]

Joint and agreed methodologies

Please describe [fill in]

Joint sampling

Please describe: Joint sampling is based on the work group's work plan for the year. The work plan sets deadlines joint sampling.

Common monitoring network

Please describe: Common monitoring network is filling according to the results joint sampling and group's work plan.

Common agreed parameters

Please describe: Common agreed parameters is based on the work group's work plan for the year.

(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, sub-basin, part of basin or group of basin?

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, and assessment methodology applied:

There is harmonisation of assessment of transboundary waterbodies done in line with Water Framework Directive, last was done in 2020.

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

Yes /No

If yes, what standards have been applied, e.g. international or regional standard (please specify which), or have national standards of the riparian States been applied?

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?

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 and climate change?

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?

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, sub-basin, part of basin or group of basins?

Yes /No

If yes, how? (please tick all applicable)

Stakeholders have observer status in a joint body or mechanism

Stakeholders have an advisory role in the joint body

Stakeholders have a decision-making role in the joint body

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

Intergovernmental organizations

Private sectors organizations or associations

-
- | | |
|--|-------------------------------------|
| Water user groups or associations | <input type="checkbox"/> |
| Academic or research institutions | <input type="checkbox"/> |
| Other non-governmental organizations | <input type="checkbox"/> |
| General public | <input type="checkbox"/> |
| Other (please specify): [fill in] | |
| Availability of information to the public | <input checked="" type="checkbox"/> |
| Consultation on planned measures or river basin management plans ²⁵ | <input checked="" type="checkbox"/> |
| Public involvement | <input checked="" type="checkbox"/> |
| Other (please specify): [fill in] | |

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 or lake basin, or aquifer), sub-basin, part of a basin or a group of basin covered by the same agreement or arrangement where conditions are similar²⁶. In some instances, you may provide information on both a basin and one or more of its sub-basins or parts thereof, for example, where you have agreements²⁷ or arrangements on both the basin and its sub-basin. You may coordinate your responses with other States with which your country shares transboundary waters, or even prepare a joint report. General information on transboundary water management at the national level should be provided in section III 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, sub-basin, part of a basin or groups of basins:

Part of the Oder River Basin, Part of the Morava River Basin

List of the riparian States: Slovakia, the Czech Republic

In the case of an aquifer, what is the nature of the aquifer and its relation with the river or lake basin:

- | | |
|---|-------------------------------------|
| Unconfined aquifer connected to a river or lake | <input checked="" type="checkbox"/> |
| Unconfined aquifer with no or limited relation with surface water | <input checked="" type="checkbox"/> |
| Confined aquifer connected to surface water | <input checked="" type="checkbox"/> |

²⁵ Or, where applicable, aquifer management plans.

²⁶ In principle, section II 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.

²⁷ 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.

Confined aquifer with no or limited relation with surface water

Other

Please describe: [fill in]

Unknown

Percentage of your country's territory within the basin, sub-basin, part of a basin or group of basins: along the state border with Slovakia, approximately 0,2%

1. Is there one or more transboundary (bilateral or multilateral) agreement(s) or arrangement(s) on this basin, sub-basin, part of a basin or group of basins?

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 or arrangement

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 or mechanism for the transboundary basin, sub-basin, part of a basin or group of basin then jump to question 4; if there is no agreement or arrangement, but a joint body or mechanism 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, sub-basin, part of basin or group of basins.

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

Yes /No

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

Yes /No

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

Yes /No

Additional explanations? : [fill in]

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

(b) If the agreement or arrangement relates to a river or lake basin or sub-basin, does it also cover aquifer?

Yes /No

If yes, please list the aquifer covered by the agreement or arrangement:

Bilateral agreement cover aquifers but they are not specific aquifers there and so it cannot be possible to provide more information. Data not available.

Cooperation within transboundary water management under relevant bilateral agreements with neighboring states is based mainly on discussing and harmonizing specific intention at a given moment that could influence surface or groundwater in the other riparian States.

(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
- Fisheries
- Tourism
- Nature protection
- Other (*please list*):

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

Procedural and institutional issues

- Dispute and conflict prevention and resolution
- Institutional cooperation (joint bodies)
- Consultation on planned measures
- Mutual assistance

Topics of cooperation

- Joint vision and management objectives
- Joint significant water management issues
- Navigation
- Human health
- 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
- Joint monitoring
- Maintenance of joint pollution inventories
- Elaboration of joint water quality objectives
- Common early warning and alarm procedures
- 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?

- Aligning implementation of agreement or arrangement with national laws, policies and programmes
- Aligning implementation of agreement or arrangement with regional laws, policies and programmes
- Lack of financial resources
- Insufficient human capacity
- Insufficient technical capacity
- Tense diplomatic relations
- Non-participation of certain riparian countries in the agreement
- No significant difficulties
- Other (*please describe*): [fill in]

(f) What are the main achievements in implementing the agreement or arrangement and what were the keys to achieving such success? [fill in]

Long-term cooperation and communication, exchange of information and experiences, common activities at different levels, political commitment.

Approved:

- **Principles of cooperation in technical issues on the Slovak-Czech border waters**
- **Directive for the preparation and projection of water management measures on the Slovak-Czech border waters,**

- **Directive on technical and financial control of "Joint works" implemented at Slovak-Czech border waters,**
- **Directive for Forecasting, Reporting and Warning Service Directive on Slovak-Czech transboundary waters,**
- **Principles for surveying transboundary watercourses and monitoring the development of riverbeds and inundations on the Slovak-Czech transboundary waters,**
- **Principles of cooperation of the Working Group on water Quality of the Slovak-Czech Commission for transboundary waters**
- **Principles of cooperation of the Working Group on Hydrology of the Slovak-Czech Commission for transboundary waters,**
- **Principles of cooperation between authorities of state water administration of the Slovak Republic and water authorities of the Czech Republic in the execution of state administration on the Slovak-Czech border waters**
- **Guideline for reporting and alert service in case of extraordinary deterioration of water quality of Slovak-Czech border watercourses**

(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*): [fill in]

[https://www.mzp.cz/C1257458002F0DC7/cz/slovensko_dokument/\\$FILE/OOV-Slovensko-20170727.pdf](https://www.mzp.cz/C1257458002F0DC7/cz/slovensko_dokument/$FILE/OOV-Slovensko-20170727.pdf)

3. Is your country a member of an operational joint body or joint bodies for this agreement or arrangement?

Yes /No

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

Where there is a joint body or mechanism

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

Plenipotentiaries

Bilateral commission

Basin or similar commission

Expert group meeting of national points

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

- (b) Does the joint body or mechanism cover the entire transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

- (c) Which States (including your own) are member of the joint body or mechanism? (*Please list*): [fill in]

Slovakia and the Czech Republic

- (d) Are there any riparian States that are not members of the joint body or mechanism? (*Please list*): [fill in]

Yes, but the bilateral agreement concerns only transboundary waters in the section of the state border between the Czech Republic and Slovakia

-
- (e) If not all riparian States are members of the joint body or mechanism how does the joint body or mechanism cooperate with them?
- No cooperation
- They have observer status
- Other (*please describe*): [fill in]
- (f) Does the joint body or mechanism 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 own secretariat. They have joint meetings and solve joint issues.**
- Joint secretariat**
- 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*):
- (g) What are the tasks and activities of this joint body or mechanism?²⁸
- 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
- Surveillance and early warning of water related disease
- Water allocation and/or flow regulation
- Policy development
- Control of implementation
- Exchange of experience between riparian States

²⁸ 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.

-
- | | | |
|-----|--|-------------------------------------|
| | Exchange of information on existing and planned uses of water and related installations | <input checked="" type="checkbox"/> |
| | Settling of differences and conflicts | <input checked="" type="checkbox"/> |
| | Consultations on planned measures | <input checked="" type="checkbox"/> |
| | Exchange of information on best available technology | <input checked="" type="checkbox"/> |
| | Participation in transboundary EIA | <input type="checkbox"/> |
| | Development of river, lake or aquifer basin management or action plans | <input checked="" type="checkbox"/> |
| | Management of shared infrastructure | <input checked="" type="checkbox"/> |
| | Addressing hydromorphological alterations | <input checked="" type="checkbox"/> |
| | Climate change adaptation | <input type="checkbox"/> |
| | Joint communication strategy | <input type="checkbox"/> |
| | Basin-wide or joint public participation and consultation of, for example, basin management plans | <input type="checkbox"/> |
| | Joint resources to support transboundary cooperation | <input checked="" type="checkbox"/> |
| | Capacity-building | <input type="checkbox"/> |
| | Any other tasks (<i>please list</i>): [fill in] | |
| (h) | What are the main difficulties and challenges that your country faces with the operation of the joint body or mechanism, if any? | |
| | Governance issues | <input type="checkbox"/> |
| | <i>Please describe, if any:</i> [fill in] | |
| | Unexpected planning delays | <input type="checkbox"/> |
| | <i>Please describe, if any:</i> [fill in] | |
| | Lack of resources | <input type="checkbox"/> |
| | <i>Please describe, if true:</i> [fill in] | |
| | Lack of mechanism for implementing measures | <input type="checkbox"/> |
| | <i>Please describe, if true:</i> [fill in] | |
| | Lack of effective measures | <input type="checkbox"/> |
| | <i>Please describe, if true:</i> [fill in] | |
| | Unexpected extreme events | <input type="checkbox"/> |
| | <i>Please describe, if any:</i> [fill in] | |
| | Lack of information and reliable forecasts | <input type="checkbox"/> |
| | <i>Please describe, if any:</i> [fill in] | |
| | Others (<i>please list and describe, as appropriate</i>): [fill in] | |
| (i) | Does the joint body or mechanism, or its subsidiary bodies meet regularly? | |
| | Yes <input checked="" type="checkbox"/> /No <input type="checkbox"/> | |
| | If yes, how frequently does it meet? | |
| | More than once per year | <input checked="" type="checkbox"/> |

Once per year

Less than once per year

(j) What are the main achievements with regards to the joint body or mechanism?

Effective water management, common projects.

A) Adoption of common conclusions on:

- **common procedures, guidelines and principles of cooperation;**
- **implementation of national and joint works on transboundary waters;**
- **accounting of implemented national and joint measures;**
- **planning, implementation and operation of the measures in the area under Agreement such as technical issues, flood protection, water quality protection, hydrology**

B) information exchange etc.

(k) Did the joint body or mechanism ever invite a non-riparian coastal State to cooperate?

Yes /No

If yes, please give details. If no, why not, e.g. are the relevant coastal States also riparian States and therefore already members of the joint body or mechanism?

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. Have joint objectives, a common strategy, a joint or coordinated management plan or action plan been agreed for basin, sub-basin, part of a basin or group of basins?

Yes /No

If yes, please provide further details: [fill in]

Joint strategies, development programs.

5. How is the transboundary basin, sub-basin, part of a basin or group of basins protected, including the protection of ecosystems, in the context of sustainable and rational water use?

Regulation of urbanization, deforestation, and sand and gravel extraction.

Environmental flow norms, including consideration of levels and seasonality

Water quality protection, e.g. nitrates, pesticides, faecal coliforms, heavy metals

Water-related species and habitats protection

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

6. (a) Does your country regularly exchange information and data with other riparian States in the basin, sub-basin, part of a basin or group of basins?

Yes /No

(b) If yes, how often:

More than once per year

Once per year

-
- Less than once per year
- (c) Please describe how information is exchanged (e.g. in connection with meeting of joint bodies): [fill in]
- The information shall be exchange at meetings of the working groups.**
- (d) If yes, on what subjects are information and data exchanged?
- Environmental conditions
- Research activities and application of best available techniques
- Emission monitoring data
- Planned measures taken to prevent, control or reduce transboundary impacts
- Point source pollution sources
- Diffuse pollution sources
- Existing hydromorphological alterations (dams, etc.)
- Flows or water levels (including groundwater levels)
- Water abstractions
- Climatological information
- Future planned measures with transboundary impacts, such as infrastructure development
- Other subjects (*please list*): [fill in]
- Other comments, e.g. spatial coverage of data and information exchange: [fill in]
- (e) Is there a shared database or information platform?
Yes /No
- (f) Is the database publicly available?
Yes /No
- If yes, please provide the web address:* [fill in]
- (g) What are the main difficulties and challenges to data exchange, if applicable?
- Frequency of exchanges
- Timing of exchanges
- Comparability of data and information
- Limited spatial coverage
- Inadequate resources (technical and/or financial)
- Other (*please describe*): [fill in]
- Additional comments: [fill in] **No difficulties related to data exchange occur.**
- (h) What are the main benefits of data exchange on the basin, sub-basin, part of a basin or group of basins? (*please describe*):
- Mutual awareness, better data consolidation, alignment of methods and practices, usability for planning, knowledge of data eg. on available resources capacities.**

7. Do the riparian States carry out joint monitoring in the transboundary basin, sub-basin, part of a basin or group of basins?

Yes /No

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

	<i>Hydrological</i>	<i>Ecological</i>	<i>Chemical</i>
Border surface waters	<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"/>
Surface waters on the main watercourse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surface waters in part of the basin please describe [fill in]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transboundary aquifer(s) (connected or unconnected)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aquifer(s) in the territory of one riparian hydraulically connected to a transboundary river or lake	<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

Please describe [fill in]

Joint and agreed methodologies

Please describe [fill in]

Joint sampling

Please describe: Joint sampling is based on the work group's work plan for the year. The work plan sets deadlines joint sampling.

Common monitoring network

Please describe: Common monitoring network is filling according to the results joint sampling and group's work plan.

Common agreed parameters

Please describe: Common agreed parameters is based on the work group's work plan for the year.

- (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, sub-basin, part of basin or group of basin?

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, and assessment methodology applied:

There is harmonisation of assessment of transboundary waterbodies done in line with Water Framework Directive, last was done in 2020.

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

Yes /No

If yes, what standards have been applied, e.g. international or regional standard (please specify which), or have national standards of the riparian States been applied?

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?

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 and climate change?

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?

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, sub-basin, part of basin or group of basins?

Yes /No

If yes, how? (please tick all applicable)

Stakeholders have observer status in a joint body or mechanism

Stakeholders have an advisory role in the joint body

-
- Stakeholders have a decision-making role in the joint body
- If yes, please specify the stakeholders for each the joint body or mechanism: [fill in]*
- Intergovernmental organizations
- Private sectors organizations or associations
- Water user groups or associations
- Academic or research institutions
- Other non-governmental organizations
- General public
- Other (please specify): [fill in]
- Availability of information to the public
- Consultation on planned measures or river basin management plans²⁹
- Public involvement
- Other (please specify): [fill in]

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.

²⁹ Or, where applicable, aquifer management plans.

III. Water management at the national level

In this section, you are requested to provide general information on water management at the national level as it relates to transboundary waters. Information on specific transboundary basins, sub-basins, part of basins and groups of basins, should be presented in section II and not repeated here.

1. (a) Does your country's national legislation, policies, action plans and strategies refer to measures to prevent, control and reduce any transboundary impact?

Yes /No

If yes, please briefly describe the main national laws, policies, action plans and strategies Water Act No. 254/2001 Coll.

- (b) Does your country's legislation provide for the following principles?

Precautionary principle Yes /No

Polluter pays principle Yes /No

Sustainable development Yes /No

User pays principle Yes /No

If yes, please briefly describe how these principles are implemented at the national level: **User and polluter-pay principles are internal part of excise duties and environmental taxes and fee. These principles in taxes also strongly influence the intention of businesses to develop in sustainable way and have also precautionary effects. These effects are also reached by administrative measures.**

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

Yes /No

If yes, for which sectors?

Industry

Mining

Energy

Municipal

Livestock raising

Aquaculture

Other (please list): [fill in]

Please briefly describe the licensing or permitting system, indicating whether the system provides for setting emission limits based on best available technology?

If yes, for which sectors? (please list):

Direct discharge of waste water into surface water and groundwater is not permitted. Discharging waste water not containing dangerous or especially dangerous substances (Section 39 par.3) into soil layers from which it could infiltrate into groundwater can be permitted in exceptional cases, and only from individual family houses and individual family recreation facilities based on assessment of their impact on the groundwater quality.

Emission standards for indicators of permissible waste water pollution is currently stipulated by Government Order No. 401/2015 Coll., as amended, which is an implementing regulation to Act No. 254/2001 Coll., on Water.

Discharges to water bodies should comply with individual license conditions for specific operations, where applicable, and/or national threshold values in line with the EU regulatory framework (i.e. EU Water Framework Directive¹ and Daughter Directives). Emissions to air: the operations of high-enthalpy geothermal energy systems should ensure that adequate abatement systems are in place to comply with existing EU Air Quality Legislation and BAT253; including but not limited to <1 µg/Nm³ Hg.

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]

(d) Are the authorized discharges monitored and controlled?

Yes /No

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

- | | |
|--|-------------------------------------|
| Monitoring of discharges | <input checked="" type="checkbox"/> |
| Monitoring of physical and chemical impacts on water | <input type="checkbox"/> |
| Monitoring of ecological impacts on water | <input type="checkbox"/> |
| Conditions on permits | <input checked="" type="checkbox"/> |
| Inspectorate | <input checked="" type="checkbox"/> |

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]

(e) What are the main measures which your country takes to reduce diffuse sources of water pollution on transboundary waters (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 | <input checked="" type="checkbox"/> |
| Norms for uses of manure | <input checked="" type="checkbox"/> |
| Permitting system | <input checked="" type="checkbox"/> |
| Bans on or norms for use of pesticides | <input checked="" type="checkbox"/> |
| Others (please list): [fill in] | |

Economic and financial measures

- | | |
|--|-------------------------------------|
| Monetary incentives | <input checked="" type="checkbox"/> |
| Environmental taxes (such as fertilizer taxes) | <input type="checkbox"/> |
| Others (please list): [fill in] | |

Agricultural extension services

Technical measures

Source control measures

- | | |
|---------------|-------------------------------------|
| Crop rotation | <input checked="" type="checkbox"/> |
|---------------|-------------------------------------|

-
- 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]

(f) What are the main measures which your country takes to enhance water resources allocation and use efficiency?

Please tick as appropriate (not all might be relevant)

- A regulatory system regarding water abstraction
- Monitoring and control of abstractions
- Water rights are defined
- Water allocation priorities are listed
- Water-saving technologies
- Advanced irrigation techniques
- Demand management activities
- Other means (*please list*)

(g) Does your country apply the ecosystems approach?

Yes /No

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

(h) Does your country take specific measures to prevent the pollution of groundwaters?

Yes /No

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

2. Do your national laws require transboundary environmental impact assessment (EIA)?

Yes /No

If yes, please briefly describe the legislative basis, and any related implementing procedures. **CZ is a party to Espoo Convention. Please see <http://www.unece.org/?id=41378> for more detailed information.**

If not, do other measures provide for transboundary EIA? [fill in]

IV. Final questions

1. What are the main challenges your country faces in cooperating on transboundary waters?

Differences between national administrative and legal frameworks

Lack of relevant data and information

Difficulties in data and information exchange

Sectoral fragmentation at the national level

Language barrier

Resource constraints

Environmental pressures, e.g. extreme events

Sovereignty concerns

Please list other challenges and/or provide further details: [fill in]

2. What have been the main achievements in-cooperating on transboundary waters?

Improved water management

Enhanced regional integration, i.e. beyond water

Adoption of cooperative arrangements

Adoption of joint plans and programmes

Long-lasting and sustained cooperation

Financial support for joint activities

Stronger political will for transboundary water cooperation

Better knowledge and understanding

Dispute avoidance

Stakeholder engagement

Please list other achievements, keys to achieving success, and/or provide concrete examples: [fill in]

3. Please indicate which institutions were consulted during the completion of the questionnaire

Joint body or mechanism

Other riparian or aquifer countries

National water management authority

Environment agency/ authority

Basin authority (national)

Local or provincial government

Geological survey (national)

Non-water specific ministries, e.g. foreign affairs, finance, forestry and energy

Civil society organizations

Water user associations

Private sector

Other (please list): [fill in]

Please briefly describe the process by which the questionnaire was completed: **Consultation with some riparian states and experts on the ground occurred during the preparation of this report.**

4. If you have any other comments please add them here (*insert comments*): [fill in]

5. Name and contact details of the person(s) who filled out the questionnaire (*please insert*): **Jana Koubová, Ministry of the Environment of the Czech Republic, Jana.koubova@mzp.cz**

Date: 17. June 2020

Signature:



Thank you very much for taking the time to complete this report.
