## 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.<sup>a</sup>
- 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 operationality;

<sup>&</sup>lt;sup>a</sup> 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)

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

<sup>&</sup>lt;sup>b</sup> List sub-basins after the basin they belong to.

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

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

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

<sup>&</sup>lt;sup>d</sup> 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 Trnasboundary 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. 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 agreements 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

<sup>&</sup>lt;sup>1</sup> 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.

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

	case of an aquifer, what is the nature of the aquifer and its rel e basin:	ation with t	he river
Uncon	nfined aquifer connected to a river or lake		
Uncon	nfined aquifer with no or limited relation with surface water		
Confir	ned aquifer connected to surface water		
Confir	ned aquifer with no or limited relation with surface water		
Other			
Please	describe:		
Unkno	own [		
group	ntage of your country's territory within the basin, sub-basin, of basins: 2, 9 % (share of Czech Republic on total teritory of I reentage of Danube River Basin in Czech Republic)		
1.	Is there one or more transboundary (bilateral or multilateral arrangement(s) on this basin, sub-basin, part of a basin or group	, .	nt(s) or
	One or more agreements or arrangements exist and are in force		$\boxtimes$
	Agreement or arrangement developed but not in force		
	Agreement or arrangement developed, but not in force for all rip	arians	
	Please insert the name of the agreement(s) or arrangement(s)		
	The Convention on Co-operation for the Protection and Susstaina Danube (Danube River Protection Convention)	able Use of th	ne River
	Agreement or arrangement is under development		
	No agreement or arrangement		
	If there is no agreement or arrangement or it is not in force, powhy not and provide information on any plans to address the situ	-	
transb questi	re is no agreement or arrangement and no joint body or a boundary basin, sub-basin, part of a basin or group of ba ion 4; if there is no agreement or arrangement, but a joint b go to question 3.	sins then j	ump to
	ions 2 and 3 to be completed for each bilateral or multilate gement in force in the transboundary basin, sub-basin, part of sins.		
2.	(a) Does this agreement or arrangement specify the area subjectives ⊠/No □	ect to cooper	ation?
	If yes, does it cover the entire basin or group of basins and all rip Yes $\square$ /No $\boxtimes$	oarian States'	?

the hydrological catchmen area of the Danube river. As considerable part there is assumed a share exceeding 2 000 km<sup>2</sup> of the total hydrological catchment area. Or, if the agreement or arrangement relates to a sub-basin, does it cover the entire subbasin? Yes /No Additional explanations? [fill in] Which States (including your own) are bound by the agreement or arrangement? (Please list): Germany, Austria, the Czech Republice, Slovakia, Hungary, Slovenia, Croatia, Bosnia and Herzegovina, Serbia, Montenegro, Romania, Bulgaria, Moldova, Ukraine 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: 2015 Annex of (http://www.icpdr.org/flowpaper/viewer/default/files/nodes/documents/drbmpupdate2015-annexes.pdf) What is the sectoral scope of the agreement or arrangement? (c)  $\boxtimes$ 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)

Additional explanations? It covers sovereign states sharing a considerable part of

	Consultation on planned measures	$\boxtimes$
	Mutual assistance	$\boxtimes$
	Topics of cooperation	
	Joint vision and management objectives	$\boxtimes$
	Joint significant water management issues	$\boxtimes$
	Navigation	$\boxtimes$
	Human health	$\boxtimes$
	Environmental protection (ecosystem)	$\boxtimes$
	Water quality	$\boxtimes$
	Water quantity or allocation	$\boxtimes$
	Cooperation in addressing floods	$\boxtimes$
	Cooperation in addressing droughts	$\boxtimes$
	Climate change adaptation	$\boxtimes$
	Monitoring and exchange	
	Joint assessments	
	Data collection and exchange	$\boxtimes$
	Joint monitoring	$\boxtimes$
	Maintenance of joint pollution inventories	$\boxtimes$
	Elaboration of joint water quality objectives	$\boxtimes$
	Common early warning and alarm procedures	$\boxtimes$
	Exchange of experience between riparian States	$\boxtimes$
	Exchange of information on planned measures	$\boxtimes$
	Joint planning and management	
	Development of joint regulations on specific topics	$\boxtimes$
	Development of international or joint river, lake or aquifer basin management or action plans	$\boxtimes$
	Management of shared infrastructure	
	Development of shared infrastructure	
	Other (please list): [fill in]	
(e) agreei	What are the main difficulties and challenges that your country faces ment or arrangement and its implementation, if any?	with the
	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	$\boxtimes$							
Other (please describe): [fill in]								
(f) What are the main achievements in implementing the agreement arrangement and what were the keys to achieving such success? The main contactions of ICPDR have been to provide a platform for joint and for actions, for political decisions, for cooperation and exchange of experience awareness raising and for convening on agreements across sectors.	ncrete ocused							
These joint efforts coordinated and focused by ICPDR have resulted in impecological and chemical quality of the water of the Danube. Also, the management has improved. Concrete results of ICPDR are the adoption of Basin Management and Flood Risk Management Plans covering the catchment of the Danube, a Transnational Monitoring Network, an Warning Network, a Strategy for adaptation to climate change, a Statement on Navigation as well as Guiding Principles on Susta Hydropower, just to name some of the major achievements.	flood River entire Early Joint							
· · · · · · · · · · · · · · · · · · ·	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 address of the document (please attach document or insert web address): http://www.icpdr.org/main/icpdr/danube-river-protection-convent	ess, if							
Is your country a member of any joint body or mechanism for this agreem arrangement?	ent or							
Yes ⊠/No □								
f 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)?	nanism							
Plenipotentiaries [								
Bilateral commission [								
Basin or similar commission	$\boxtimes$							
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 basin, part of a basin or group of basins?	a, sub-							
Yes ⊠/No □								
(c) Which States (including your own) are members of the joint be mechanism? ( <i>Please list</i> ): <b>Germany, Austria, Czech Republic, Slovakia, Hur Slovenia, Croatia, Bosnia and Herzegovina, Serbia, Montenegro, Rom Bulgaria, Moldova, Ukraine</b>	ngary,							

( ) IC ( 11 ' ' C) ( 1 C)	
(e) If not all riparian States are members of the joint bod the joint body or mechanism cooperate with them?	ly or mechanism how does
No cooperation	
They have observer status	
Other (please describe): Concerning navigation co the ICPDR and the Danube Commission3 based for the Development of Inland Navigation and En	l on the Joint Statement
(f) Does the joint body or mechanism have any of the tick the ones applicable)?	following features (please
A secretariat	
If the secretariat is a permanent one, is it does each country host its own secretariat? (Plea joint secretariat which has the responsibility to necessary to maintain and support the Internation of Danube River in the implementation Protection Convention.	se describe): Permanent o perform the functions ational Commission for
A subsidiary body or bodies	$\boxtimes$
Please list (e.g., working groups on specific topic Flood Protection, Accident Prevention and C Assessment, Public Participation, Pressures and Management, Information management and GIS Group	cs): Expert Groups for: ontrol, Monitoring and I Measures, River Basin
Flood Protection, Accident Prevention and C Assessment, Public Participation, Pressures and Management, Information management and GIS	cs): Expert Groups for: ontrol, Monitoring and I Measures, River Basin , Strategic ad-hoc Expert
Flood Protection, Accident Prevention and C Assessment, Public Participation, Pressures and Management, Information management and GIS Group Task groups for: Economics, Hydromorph	cs): Expert Groups for: ontrol, Monitoring and I Measures, River Basin , Strategic ad-hoc Expert
Flood Protection, Accident Prevention and C Assessment, Public Participation, Pressures and Management, Information management and GIS Group Task groups for: Economics, Hydromorph Groundwater	cs): Expert Groups for: ontrol, Monitoring and Measures, River Basin, Strategic ad-hoc Expert hology, Nutrients and
Flood Protection, Accident Prevention and C Assessment, Public Participation, Pressures and Management, Information management and GIS. Group  Task groups for: Economics, Hydromorph Groundwater  Other features (please list): [fill in]	cs): Expert Groups for: ontrol, Monitoring and Measures, River Basin, Strategic ad-hoc Expert hology, Nutrients and
Flood Protection, Accident Prevention and C Assessment, Public Participation, Pressures and Management, Information management and GIS Group  Task groups for: Economics, Hydromorph Groundwater  Other features (please list): [fill in]  (g) What are the tasks and activities of this joint body of	cs): Expert Groups for: ontrol, Monitoring and I Measures, River Basin , Strategic ad-hoc Expert hology, Nutrients and
Flood Protection, Accident Prevention and C Assessment, Public Participation, Pressures and Management, Information management and GIS Group  Task groups for: Economics, Hydromorph Groundwater  Other features (please list): [fill in]  (g) What are the tasks and activities of this joint body o Identification of pollution sources	cs): Expert Groups for: ontrol, Monitoring and I Measures, River Basin , Strategic ad-hoc Expert hology, Nutrients and
Flood Protection, Accident Prevention and C Assessment, Public Participation, Pressures and Management, Information management and GIS Group  Task groups for: Economics, Hydromorph Groundwater  Other features (please list): [fill in]  (g) What are the tasks and activities of this joint body o Identification of pollution sources Data collection and exchange	cs): Expert Groups for: ontrol, Monitoring and I Measures, River Basin , Strategic ad-hoc Expert hology, Nutrients and or mechanism? <sup>4</sup>
Flood Protection, Accident Prevention and C Assessment, Public Participation, Pressures and Management, Information management and GIS Group  Task groups for: Economics, Hydromorph Groundwater  Other features (please list): [fill in]  (g) What are the tasks and activities of this joint body o Identification of pollution sources Data collection and exchange Joint monitoring	cs): Expert Groups for: ontrol, Monitoring and I Measures, River Basin , Strategic ad-hoc Expert hology, Nutrients and or mechanism? <sup>4</sup>
Flood Protection, Accident Prevention and C Assessment, Public Participation, Pressures and Management, Information management and GIS Group  Task groups for: Economics, Hydromorph Groundwater  Other features (please list): [fill in]  (g) What are the tasks and activities of this joint body o Identification of pollution sources Data collection and exchange Joint monitoring Maintenance of joint pollution inventories	cs): Expert Groups for: ontrol, Monitoring and I Measures, River Basin , Strategic ad-hoc Expert hology, Nutrients and or mechanism?
Flood Protection, Accident Prevention and C Assessment, Public Participation, Pressures and Management, Information management and GIS Group  Task groups for: Economics, Hydromorph Groundwater  Other features (please list): [fill in]  (g) What are the tasks and activities of this joint body o Identification of pollution sources Data collection and exchange Joint monitoring Maintenance of joint pollution inventories Setting emission limits	cs): Expert Groups for: ontrol, Monitoring and I Measures, River Basin , Strategic ad-hoc Expert hology, Nutrients and or mechanism?

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

(d)

<sup>&</sup>lt;sup>3</sup> http://www.danubecommission.org/index.php/de\_DE/index

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	$\boxtimes$
	Surveillance and early warning of water related disease	
	Water allocation and/or flow regulation	$\boxtimes$
	Policy development	$\boxtimes$
	Control of implementation	$\boxtimes$
	Exchange of experience between riparian States	$\boxtimes$
	Exchange of information on existing and planned uses of water and related installations	
	Settling of differences and conflicts	$\boxtimes$
	Consultations on planned measures	$\boxtimes$
	Exchange of information on best available technology	$\boxtimes$
	Participation in transboundary EIA	
	Development of river, lake or aquifer basin management or action plans	
	Management of shared infrastructure	
	Addressing hydromorphological alterations	$\boxtimes$
	Climate change adaptation	$\boxtimes$
	Joint communication strategy	$\boxtimes$
	Basin-wide or joint public participation and consultation of, for example, basin management plans	$\boxtimes$
	Joint resources to support transboundary cooperation	$\boxtimes$
	Capacity-building	$\boxtimes$
	Any other tasks (please list): [fill in]	
(h) operat	What are the main difficulties and challenges that your country faces ion of the joint body or mechanism, if any?	with the
	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 regul	arly?								
	Yes 🛭	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.										
	ecolog mana Basin catch Warn States	e joint efforts coordinated and focused by ICPDR have resulted in in gical and chemical quality of the water of the Danube. Also, the agement has improved. Concrete results of ICPDR are the adoption of Management and Flood Risk Management Plans covering the ament of the Danube, , a Transnational Monitoring Network, and ing Network, a Strategy for adaptation to climate change, ment on Navigation as well as Guiding Principles on Sustropower, just to name some of the major achievements.	ne flood of River e entire n Early a Joint								
	the su	to this success has been good cooperation at technical and political leads subsequent building of trust as well as mutual understanding amount tries in the river basin.									
	(k) coope	Did the joint body or mechanism ever invite a non-riparian coastal erate?	State to								
Yes [	]/No [	$\boxtimes$									
	ripari of me	s, please give details. If no, why not, e.g. are the relevant coastal Station States and therefore already members of the joint body or mechanism ember states are coastal states. There is ongoing cooperation with which we will be protected to the Black Sea	1? Some								
4.		joint objectives, a common strategy, a joint or coordinated management plan been agreed for the basin, sub-basin, part of a basin or group of b									
Yes 🏻	☑/No□										
	If yes,	, please provide further details:									
		r Basin Management Plan (https://www.icpdr.org/main/manag -danube-river-basin-published)	gement-								
	Danu (https	be Flood Risk Management s://www.icpdr.org/main/management-plans-danube-river-basin-pul	Plan blished)								
	_	Statement on Navigation and Envir ://www.icpdr.org/main/activities-projects/joint-statement-navigatio onment)	onment n-								

	Guid (http:	_	Princ icpdr.org.	_	on ctivities-pr	Susta ojects/hydr	ainable opower)	Hydropower		
	Strat (http:	O.	on .icpdr.org		laptation ctivities-pr	to ojects/clima	Climate ate-change-ada	Change aptation)		
5.	protec		cluding the	•		-		roup of basins sustainable and		
	_	lation o l extrac		tion, defo	orestation, a	and sand and	1	$\boxtimes$		
	Envir seaso		tal flow no	rms, incl	luding cons	ideration of	levels and	$\boxtimes$		
		r quality metals		n, e.g. ni	trates, pesti	cides, faeca	l coliforms,	$\boxtimes$		
	Water	r-relate	d species a	nd habit	ats protection	on				
	Other	measu	res ( <i>please</i>	describ	e):					
	see D	anube	River Bas	in Mana	agement Pl	an				
	Prese	rve fre	ely flowin	g river s	sections					
	Restore river dynamics (permit a more varied design of the structure of river banks and bottom)									
	Open	old all	luvial area	s to the	river					
	Chan	ge to n	nore exten	sive agr	iculture in	the floodpla	ain			
	Remo	ove obs	tacles to t	he migra	ation of the	river faun	a			
	Reco	nnect o	ld river b	ranches	and torren	nts				
	But in	nforma	tion is con	npiled o		onal level a		national level. guaranteed in		
6.	(a) States		•		•	ge information n or group o		h other riparian		
Yes [	⊠/No [									
	(b)	If yes	, how ofter	ı:						
		More	than once	per year						
		Once	per year							
		Less t	than once p	er year						
		(c) meeti	Please de ngs of join			tion is excha	anged (e.g. in c	connection with		
		Joint	monitoring	g progran	nm					
		Joint	Danube Su	ırveys –	every six ye	ears				

		Results of those monitoring programmes are discussed in the relevant and expert groups and on strategic/political level also with regard to fo streps	_
	(d)	If yes, on what subjects are information and data exchanged?	
		Environmental conditions	$\boxtimes$
		Research activities and application of best available techniques	$\boxtimes$
		Emission monitoring data	$\boxtimes$
		Planned measures taken to prevent, control or reduce transboundary impacts	$\boxtimes$
		Point source pollution sources	$\boxtimes$
		Diffuse pollution sources	
		Existing hydromorphological alterations (dams, etc.)	$\boxtimes$
		Flows or water levels (including groundwater levels)	$\boxtimes$
		Water abstractions	$\boxtimes$
		Climatological information	$\boxtimes$
		Future planned measures with transboundary impacts, such as infrastructure development	$\boxtimes$
		Other subjects (please list):	
		Flood protection measures and thir possible effects	
		Accidents with possible transboundary effects on water bodies	
		Other comments, e.g. spatial coverage of data and information exchanin]	nge: [fill
	(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 app	licable?
	Freque	ency of exchanges	
	Timin	g of exchanges	
	Comp	arability of data and information	
	Limite	ed spatial coverage	
	Inadeo	quate resources (technical and/or financial)	
	Other	(please describe): [fill in]	
	Additi	onal comments: [fill in]	
	(h) basin e	What are the main benefits of data exchange on the basin, sub-basin, or group of basins? (please describe):	part of a

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?									
	-	⊠/No □								
	(a)	If yes, what does the joint monit	oring cover?							
			Hydrological	Ecological	Chemical					
Border	r surfa	ace waters								
Surfac	e wat	ers in the entire basin			$\boxtimes$					
Surfac		ers on the main								
Surfac	e wat	ers in part of the basin								
	pleas	e describe [fill in]								
Transt or unc		ary aquifer(s) (connected ted)			$\boxtimes$					
riparia	ın hyd	n the territory of one raulically connected to a ry river or lake								
	(b)	If joint monitoring is carried out	, how is this done?							
		National monitoring stations cor or common stations	nnected through a ne	twork						
		Please describe: Transnational	Monitoring Netwo	rk						
		Joint and agreed methodologies			$\boxtimes$					
		Please describe: Agreed on EU	level dute to the E	U Directives	;					
		Joint sampling								
		Please describe: Joint Danube	Surveys							
		Common monitoring network			$\boxtimes$					
		Please describe: TransNational	Monitoring netwo	rk						
		Common agreed parameters			$\boxtimes$					
		Please describe: Biological par phytoplankton, thus the biol Framework Directive, Chemic	ogical quality eler	nent of the	EU Water					
	(c)	Please describe the main achieve	ements regarding joi	nt monitoring	g, if any:					
		long-term cooperation yields in leters, that enable joint trend analy	•		•					
	knov	up to now 4 Joint Danube S vledge on the main stream and t	ributaries as well a	s on method	_					

	(d) Please describe any difficulties experienced with joint monitoring:	
8.	Do the riparian States carry out joint assessment of the transboundary basis basin, part of a basin or group of basins?	in, sub-
	Yes ⊠/No □	
	If yes, please provide the date of the last or only assessment, the frequency an (e.g., surface waters or groundwaters only, pollution sources, etc.) of the asse and assessment methodology applied: Joint Danube Survey is carried or every six years: JDS1 was in 2001, JDS2 in 2007, JDS3 in 2013, JDS4 was i Joint Danube Surveys (https://www.icpdr.org/main/activities-project danube-survey)	essment, ut once n 2019.
	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 state (please specify which), or have national standards of the riparian State applied? Based on Water Framework Directive and its daughter direct priority substances and groundwater	es been
10.	What are the measures implemented to prevent or limit the transboundary in accidental pollution?	pact of
	Notification and communication	
	Coordinated or joint early warning or alarm system for accidental water pollution	$\boxtimes$
	Other (please list): [fill in]	
	No measures	
	If not, why not? What difficulties does your country face in in place such measures?: [fill in]	putting
11.	What are the measures implemented to prevent or limit the transboundary in extreme weather events and climate change?	pact of
	Notification and communication	
	Coordinated or joint alarm system for floods	$\boxtimes$
	Coordinated or joint alarm system for droughts	
	Joint climate change adaptation strategy	$\boxtimes$
	Joint disaster risk reduction strategy	$\boxtimes$
	Other (please list): [fill in]	
	No measures	
	If not, why not? What difficulties does your country face in in place such measures?:	putting
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 requestry	of the

13.	Are the public or relevant stakeholders involved in transboundary water min the basin, sub-basin, part of a basin or group of basins?	anagement
	Yes ⊠/No □	
	If yes, how? (please tick all applicable)	
	Stakeholders have observer status in a joint body or mechanism	$\boxtimes$
	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. Commission (BSC), Carpathian Convention, Central Dredging A (CEDA), Danube Civil Society Forum (DCSF), Danube Competer (DCC), Danube Commission (DC), Danube Environmental Foru Danubeparks, Danube Sturgeon Task Force (DSTF), Danub Commission (DIE DONAU), European Anglers Alliance (EAA), Europeunion (EBU), European Water Association (EWA), Friends International (NFI), Global Water Partnership (GWP-CEE), International (NFI), Global Water Partnership (GWP-CEE), International Hydrological Programme of the UNESCO (IHI International Sava River Basin Commission (ISRBC), RAMSAR Con Wetlands, Regional Environmental Center for Central and Easter (REC), VGB PowerTech e.V. (VGB), Viadonau, World Wide Fund fo Danube-Carpathian Programme (WWF-DCP).	association ace Center am (DEF), e Tourist bean Barge of Nature ternational of Water a (IAWD), P/Danube), vention on rn Europe
	Intergovernmental organizations	$\boxtimes$
	Private sectors organizations or associations	
	Water user groups or associations	$\boxtimes$
	Academic or research institutions	$\boxtimes$
	Other non-governmental organizations	$\boxtimes$
	General public	
	Other (please specify): [fill in]	
	Availability of information to the public	$\boxtimes$
	Consultation on planned measures or river basin management plans <sup>5</sup>	$\boxtimes$
	Public involvement	$\boxtimes$
	Other (please specify): Public participation under WFD and FD	

<sup>&</sup>lt;sup>5</sup> 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 anv.

#### 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.<sup>6</sup> 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 agreements<sup>7</sup> 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, subbasin, 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:

 $\boxtimes$ 

Unco	onfined aquifer connected to a river or lake	$\boxtimes$	
Unco	onfined aquifer with no or limited relation with surface water		$\boxtimes$
Conf	ined aquifer connected to surface water	$\boxtimes$	
Conf	ined aquifer with no or limited relation with surface water		$\boxtimes$
Othe	r		
Pleas	se describe: [fill in]		
Unkı	nown		
grou	entage of your country's territory within the basin, sub-basin p of basins: 33,68% (share of Czech Republic on total teritory of entage of Elbe River Basin in Czech Republic)	· •	
1.	Is there one or more transboundary (bilateral or multilate arrangement(s) on this basin, sub-basin, part of a basin or group		ent(s) or
	One or more agreements or arrangements exist and are in force		$\boxtimes$
	Agreement or arrangement developed but not in force		

<sup>&</sup>lt;sup>6</sup> 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.

<sup>&</sup>lt;sup>7</sup> In section II, "agreement" covers all kinds of treaties, conventions and agreements ensuring cooperation in the field of transboundary waters. Section II can also be completed for other types of arrangements, such as memorandums of understanding.

	Agreement or arrangement developed, but not in force for all riparians	
	Please insert the name of the agreement(s) or arrangement(s) Conventi International Commission for the Protection of the Elbe River	on on
	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 why not and provide information on any plans to address the situation: [fill in	
transl questi	ere is no agreement or arrangement and no joint body or mechanism f boundary basin, sub-basin, part of a basin or group of basins then ju ion 4; if there is no agreement or arrangement, but a joint body or mech go to question 3.	mp to
_	tions 2 and 3 to be completed for each bilateral or multilateral agreem gement in force in the transboundary basin, sub-basin, part of a basin or sins.	
2.	(a) Does this agreement or arrangement specify the area subject to coopera	tion?
	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 Republic and in Germany	Czech
	Or, if the agreement or arrangement relates to a sub-basin, does it cover the enti- basin?	re sub-
	Yes  /No	
	Additional explanations? [fill in]	
	Which States (including your own) are bound by the agreement or arrange ( <i>Please list</i> ): <b>the Czech Republic and Germany</b>	ement?
	(b) If the agreement or arrangement relates to a river or lake basin or sub does it also cover aquifers?	-basin,
	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 part of the ICPER)	Czech
	or	
	http://eagri.cz/public/web/mze/voda/planovani-v-oblasti-vod/priprava-pla povodi-pro-2-obdobi/zverejnene-informace/narodni-plany-povodi-1/narod 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 on	e or several water uses or sectors, please list (check as appropriate):	
Wate	er 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) arran	What topics or subjects of cooperation are included in the agreement?	ement or
	Procedural and institutional issues	
	Dispute and conflict prevention and resolution	$\boxtimes$
	Institutional cooperation (joint bodies)	$\boxtimes$
	Consultation on planned measures	$\boxtimes$
	Mutual assistance	$\boxtimes$
	Topics of cooperation	
	Joint vision and management objectives	$\boxtimes$
	Joint significant water management issues	$\boxtimes$
	Navigation	
	Human health	
	Environmental protection (ecosystem)	$\boxtimes$
	Water quality	$\boxtimes$
	Water quantity or allocation	$\boxtimes$
	Cooperation in addressing floods	$\boxtimes$
	Cooperation in addressing droughts	$\boxtimes$
	Climate change adaptation	$\boxtimes$
	Monitoring and exchange	
	Joint assessments	$\boxtimes$
	Data collection and exchange	$\bowtie$

If no,	why no	t? (please explain): [fill in]	
Yes 🛭	]/No [		
3.		ar country a member of any joint body or mechanism for this agreement?	ement or
		Please attach a copy of the agreement or arrangement or provide as of the document (please attach document or insert web additable): www.ikse-mkol.org	
	ecolog functi Interr Water	gical and chemical status of the river Elbe, improvement of flood pro onal warning system in case of accidental water pollution, prepar national River Basin and Flood Risk Management Plans accor r Framework Directive and Flood Risk Management Directive as w e of these plans	otection, ration of rding to
	(f) arrang	What are the main achievements in implementing the agreed gement and what were the keys to achieving such success? <b>Improve</b>	
		Other (please describe): [fill in]	
		No significant difficulties	$\boxtimes$
		Non-participation of certain riparian countries in the agreement	
		Tense diplomatic relations	
		Insufficient technical capacity	
		Insufficient human capacity	
		Lack of financial resources	
		Aligning implementation of agreement or arrangement with regional laws, policies and programmes	
		Aligning implementation of agreement or arrangement with national laws, policies and programmes	
	(e) agreer	What are the main difficulties and challenges that your country faces ment or arrangement and its implementation, if any?	with the
		Other (please list): [fill in]	
		Development of shared infrastructure	
		Management of shared infrastructure	
		Development of international or joint river, lake or aquifer basin management or action plans	$\boxtimes$
		Development of joint regulations on specific topics	$\boxtimes$
		Joint planning and management	
		Exchange of information on planned measures	$\boxtimes$
		Exchange of experience between riparian States	$\boxtimes$
		Common early warning and alarm procedures	$\boxtimes$
		Elaboration of joint water quality objectives	$\boxtimes$
		Maintenance of joint pollution inventories	$\boxtimes$
		Joint monitoring	$\boxtimes$

3.

Wher	e there	is a joint body or mechanism	
	(a) (pleas	If there is a joint body or mechanism, which kind of joint body or meter tick one)?	chanism
		Plenipotentiaries	
		Bilateral commission	
		Basin or similar commission	
		Expert group meeting or meeting of national focal points	
		Other (please describe): [fill in]	
	(b) basin,	Does the joint body or mechanism cover the entire transboundary bas part of a basin or group of basins?	sin, sub-
Yes 🔀	/No [		
	(c) mecha	Which States (including your own) are members of the joint lanism? (Please list): the Czech Republic and Germany	body or
	(d) mecha	Are there any riparian States that are not members of the joint mism? (please list): <b>observers - Austria, Poland</b>	body or
	(e) the joi	If not all riparian States are members of the joint body or mechanism hant body or mechanism cooperate with them?	ow does
		No cooperation	
		They have observer status	$\boxtimes$
	Rep Czec	Other (please describe): In the case of the implementation of the W mework Directive and the European Community Floods Directive, ublic of Austria and the Republic of Poland have an equal status w ch Republic and the Federal Republic of Germany within the rnational Coordination Group (ICG)	the
	(f) tick th	Does the joint body or mechanism have any of the following features <i>e ones applicable</i> )?	(please
		A secretariat	$\boxtimes$
		If the secretariat is a permanent one, is it a joint secretariat or does each country host its own secretariat? (Please describe): perma joint secretariat	nent
		A subsidiary body or bodies	$\boxtimes$
		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] What are the tasks and activities of this joint body or mechanism?<sup>8</sup> (g) Identification of pollution sources  $\boxtimes$  $\boxtimes$ Data collection and exchange  $\boxtimes$ Joint monitoring  $\boxtimes$ Maintenance of joint pollution inventories Setting emission limits Elaboration of joint water quality objectives  $\boxtimes$  $\boxtimes$ Management and prevention of flood or drought risks Preparedness for extreme events, e.g., common early warning  $\boxtimes$ and alarm procedures Surveillance and early warning of water related disease Water allocation and/or flow regulation Policy development Control of implementation  $\boxtimes$  $\boxtimes$ Exchange of experience between riparian States Exchange of information on existing and planned uses of water and related installations  $\boxtimes$  $\boxtimes$ Settling of differences and conflicts Consultations on planned measures  $\boxtimes$ Exchange of information on best available technology Participation in transboundary EIA Development of river, lake or aquifer basin management or  $\boxtimes$ action plans Management of shared infrastructure  $\boxtimes$ Addressing hydromorphological alterations  $\boxtimes$ Climate change adaptation  $\boxtimes$ Joint communication strategy Basin-wide or joint public participation and consultation of,  $\boxtimes$ for example, basin management plans Joint resources to support transboundary cooperation  $\boxtimes$ Capacity-building Any other tasks (please list): [fill in]

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) opera	What are the main difficulties and challenges that your country attended to the joint body or mechanism, if any?	faces with the			
	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 ye	s, how frequently does it meet?				
	More than once per year	$\boxtimes$			
	Once per year				
	Less than once per year				
prot Inte	What are the main achievements with regards to the joint body or coverent of ecological and chemical status of the river Elbe, in ection, functional warning system in case of accidental water pernational River Basin and Flood Risk Management Plans according to the control of	provement of flood ollution, preparation of			
(k) coop	Did the joint body or mechanism ever invite a non-riparian coerate?	eastal State to			
Yes	□/No ⊠				
ripai	s, please give details. If no, why not, e.g. are the relevant coasta rian States and therefore already members of the joint body or many is coastal state.				
	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				
	s, please provide further details: River Basin Management Plan	n, Flood risk			

4.

5.	5. How is the transboundary basin,—sub-basin, part of a basins or group protected, including the protection of ecosystems, in the context of sustain rational water use?		
		lation of urbanization, deforestation, and sand and el extraction.	
		conmental flow norms, including consideration of levels and onality	
		r quality protection, e.g. nitrates, pesticides, faecal coliforms, y metals	$\boxtimes$
	Wate	r-related species and habitats protection	$\boxtimes$
	Othe	r measures (please describe): [fill in]	
6.	(a) State	Does your country regularly exchange information and data with ot s in the basin, sub-basin, part of a basin or group of basins?	her riparian
Yes [	⊠/No		
	(b)	If yes, how often:	
		More than once per year	$\boxtimes$
		Once per year	
		Less than once per year	
	m	e) Please describe how information is exchanged (e.g. in connections of joint bodies): in connection with meetings of joint bodies ommunication	
	(d)	If yes, on what subjects are information and data exchanged?	
		Environmental conditions	$\boxtimes$
		Research activities and application of best available techniques	$\boxtimes$
		Emission monitoring data	$\boxtimes$
		Planned measures taken to prevent, control or reduce transboundary impacts	
		Point source pollution sources	$\boxtimes$
		Diffuse pollution sources	$\boxtimes$
		Existing hydromorphological alterations (dams, etc.)	$\boxtimes$
		Flows or water levels (including groundwater levels)	$\boxtimes$
		Water abstractions	$\boxtimes$
		Climatological information	$\boxtimes$
		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 exc in]	hange: [fill
	(e)	Is there a shared database or information platform?	

Yes [	⊠/No [					
	(f)	Is the database publicly availab	le?			
Yes [	⊠/No [					
If yes	, please	provide the web address: www.	ikse-mkol.org			
	(g)	What are the main difficulties a	and challenges to data	exchange, if	applical	ole?
	Frequ	ency of exchanges				
	Timin	g of exchanges				
	Comp	arability of data and information			$\boxtimes$	
	Limite	ed spatial coverage				
	Inade	quate resources (technical and/or	financial)			
	Other	(please describe):				
	Additi to dat	onal comments: <b>Different natio</b>	nal standards of rip	arian states	with reg	gard
	(h) basin	What are the main benefits of door group of basins? (please descri			sin, part	of a
7.		e riparian States carry out joint mo f a basin or group of basins?	onitoring in the transb	oundary basi	n, sub-ba	asin,
Yes [	⊠/No [					
	(a)	If yes, what does the joint moni	toring cover?			
			Hydrological	Ecological	Chemic	al
Bord	er surfac	ce waters				
Surfa	ce wate	rs in the entire basin				
	ce wate	rs on the main		$\boxtimes$	$\boxtimes$	
Surfa	ce wate	rs in part of the basin		$\boxtimes$	$\boxtimes$	
tribut in]		describe [on the main the main watercoursefill				
	sbounda connect	ry aquifer(s) (connected ed)				
ripari	an hydr	the territory of one aulically connected to a y river or lake				
	(b)	If joint monitoring is carried ou	t, how is this done?			
		National monitoring stations co or common stations	nnected through a ne	twork	$\boxtimes$	
		Please describe: International M	Ionitoring Network			
		Joint and agreed methodologies	3			

		Please describe: [IIII in]	
		Joint sampling	
		Please describe: Regular joint sampling of water on selected monitor with comparing of analytical results	ring sites
		Common monitoring network	$\boxtimes$
		Please describe: Profiles of the International Elbe Programme	
		Common agreed parameters	$\boxtimes$
		Please describe: Annual updates of the International Monitoring Pro Elbe	ogramme
		Please describe the main achievements regarding joint monitor providing a complete overview of the situation of the Elbe River basing of a good quality and comparability of analytical results]	
	(d)	Please describe any difficulties experienced with joint monitoring: <b>Differences in National methodologies and standards.</b>	
8.		ne riparian States carry out joint assessment of the transboundary bar, part of a basin or group of basins?	sin, sub-
Yes 🛭	<b></b> /No [		
	(e.g., and a trans	, please provide the date of the last or only assessment, the frequency as surface waters or groundwaters only, pollution sources, etc.) of the ass assessment methodology applied: There is harmonisation of assess aboundary waterbodies done in line with Water Framework Directione in 2020.	sessment,
9.	Have	the riparian States agreed to use joint water quality standards?	
Yes 🛭	<b></b> /No [		
	If was		
	(pleas	s, what standards have been applied, e.g. international or regional states specify which), or have national standards of the riparian States been at on Water Framework Directive and Environmental Quality Stative	applied?
10.	(please Based Direct What	se specify which), or have national standards of the riparian States been don Water Framework Directive and Environmental Quality St	applied? andards
10.	(please Based Direct What	se specify which), or have national standards of the riparian States been and on Water Framework Directive and Environmental Quality Stative  are the measures implemented to prevent or limit the transboundary in	applied? andards
10.	(please Based Direct What	se specify which), or have national standards of the riparian States been and on Water Framework Directive and Environmental Quality Stative  are the measures implemented to prevent or limit the transboundary in ental pollution?	applied? andards
	(please Based Direct What accide	se specify which), or have national standards of the riparian States been and on Water Framework Directive and Environmental Quality Stative  are the measures implemented to prevent or limit the transboundary in ental pollution?  Notification and communication  Coordinated or joint early warning or alarm system for accidental	applied? andards  mpact of
	(please Based Direct What accide	see specify which), or have national standards of the riparian States been and on Water Framework Directive and Environmental Quality Stative  are the measures implemented to prevent or limit the transboundary in ental 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	applied? andards  mpact of
	(please Based Direct What accide	see specify which), or have national standards of the riparian States been and on Water Framework Directive and Environmental Quality Stative  are the measures implemented to prevent or limit the transboundary in ental 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 ain 2016]	applied? andards  mpact of  the Elbe
	(please Based Direct What accided what accid	see specify which), or have national standards of the riparian States been and on Water Framework Directive and Environmental Quality Stative  are the measures implemented to prevent or limit the transboundary in ental 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 a in 2016]  No measures  If not, why not? What difficulties does your country face in	applied? andards  mpact of  the Elbe  putting

	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 place such measures?: [fill in]	e in putting
12.	Are procedures in place for mutual assistance in case of a critical situation	on?
Yes [	]/No ⊠	
If yes,	please provide a brief summary: [fill in]	
13.	Are the public or relevant stakeholders involved in transboundary water in the basin, sub-basin, part of a basin or group of basins?	management
Yes [	☑/No □	
	If yes, how? (please tick all applicable)	
	Stakeholders have observer status in a joint body or mechanism	$\boxtimes$
	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, 6  WWF Deutschland, Förderkreis Rettet die Elbe e. V.  Other German organizations: Kammerunion Elbe/Oder, Flood  Partnership Elbe (HPE – Hochwasserpartnerschaft Elbe), AWE, DV  Agricultural Chambers (Verband der Landwirtschaftskammern e. VELBE-SEAPORTS, NORDOSTCHEMIE	VA, Association of
	Intergovernmental organizations	
	Private sectors organizations or associations	$\boxtimes$
	Water user groups or associations	$\boxtimes$
	Academic or research institutions	
	Other non-governmental organizations	$\boxtimes$
	General public	$\boxtimes$
	Other (please specify): [fill in]	
	Availability of information to the public	$\boxtimes$
	Consultation on planned measures or river basin management plans <sup>9</sup>	
	Public involvement	$\boxtimes$
	Other (please specify): [fill in]	

<sup>&</sup>lt;sup>9</sup> 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. 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 agreements 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

Unconfined aquifer connected to a river or lake

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

 $\boxtimes$ 

Unconfined aquifer with no or limited relation with surface water				
Confined aquifer connected to surface water				
Confi	ned aquifer with no or limited relation with surface water		$\boxtimes$	
Other				
Please	Please describe: [fill in]			
Unkno	own			
	ntage of your country's territory within the basin, sub-basin, par of basins: along the state border with Germany, approximately 0		oasin or	
1.	Is there one or more transboundary (bilateral or multilateral) arrangement(s) on this basin, sub-basin, part of a basin or group of basin or group or group of basin or group	_	nt(s) or	
	One or more agreements or arrangements exist and are in force		$\boxtimes$	
	Agreement or arrangement developed but not in force			
	Agreement or arrangement developed, but not in force for all riparian	ns		

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.

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.

	Czech	e insert the name of the agreement(s) or arrangement(s) Agreement between Republic and the Federal Republic of Germany on cooperation gement of transboundary waters	
	Agree	ment or arrangement is under development	
	No ag	reement or arrangement	
		re is no agreement or arrangement or it is not in force, please explain ot and provide information on any plans to address the situation: [fill in	
transl questi	ounda on 4; i	to agreement or arrangement and no joint body or mechanism ary basin, sub-basin, part of a basin or group of basins then just there is no agreement or arrangement, but a joint body or mechanism 3.	ump to
_	gemen	and 3 to be completed for each bilateral or multilateral agreent in force in the transboundary basin, sub-basin, part of a basin of	
2.	(a)	Does this agreement or arrangement specify the area subject to cooper	ation?
	Yes 🛭	☑/No □	
	If yes,	does it cover the entire basin or group of basins and all riparian States?	?
	Yes [	]/No 🔀	
	water imple	onal explanations? It is bilateral agreement. It covers secticourses intersected by Czech - German boundaries or waters who mented water management measures could negatively influence tion of the other state.	ere the
	Or, if the basin?	the agreement or arrangement relates to a sub-basin, does it cover the en	tire sub-
	Yes 🛭	☑/No □	
	Additi	onal explanations? [fill in]	
	(Pleas	States (including your own) are bound by the agreement or arrangular list): Germany, the Czech Republic - parts of the Vltava and Ohiasins along the state border with Germany according to the agreem	ře river
	(b) does i	If the agreement or arrangement relates to a river or lake basin or suit also cover aquifers?	b-basin,
	Yes 🛭	☑/No □	
	agree	please list the aquifers covered by the agreement or arrangement: Be ment cover aquifers but they are not specific aquifers there and so it saible to provide more information. Data not available.	
	with r	eration within transboundary water management under relevant be neighboring states is based mainly on discussing and harmonizing s moment that could influence surface or groundwater in the other r	pecific intention at a
	(c)	What is the sectoral scope of the agreement or arrangement?	
	` /	All water uses	$\boxtimes$
		A single water use or sector	

	Several water uses or sectors		
If one	or several water uses or sectors, please list (check as appropriate):		
Wate	r 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 of arrangement?			
	Procedural and institutional issues		
	Dispute and conflict prevention and resolution	$\boxtimes$	
	Institutional cooperation (joint bodies)	$\boxtimes$	
	Consultation on planned measures	$\boxtimes$	
	Mutual assistance	$\boxtimes$	
	Topics of cooperation		
	Joint vision and management objectives	$\boxtimes$	
	Joint significant water management issues	$\boxtimes$	
	Navigation		
	Human health		
	Environmental protection (ecosystem)	$\boxtimes$	
	Water quality	$\boxtimes$	
	Water quantity or allocation	$\boxtimes$	
	Cooperation in addressing floods	$\boxtimes$	
	Cooperation in addressing droughts	$\boxtimes$	
	Climate change adaptation		
	Monitoring and exchange		
	Joint assessments	$\boxtimes$	
	Data collection and exchange	$\boxtimes$	
	Joint monitoring	$\boxtimes$	
	Maintenance of joint pollution inventories		
	Elaboration of joint water quality objectives		

		Common early warning and alarm procedures	$\boxtimes$
		Exchange of experience between riparian States	$\boxtimes$
		Exchange of information on planned measures	$\boxtimes$
		Joint planning and management	
		Development of joint regulations on specific topics	$\boxtimes$
		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) agreer	What are the main difficulties and challenges that your country faces ment or arrangement and its implementation, if any?	with the
		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	$\boxtimes$
		Other (please describe): [fill in]	
	coope	What are the main achievements in implementing the agreent gement and what were the keys to achieving such success? Loration and communication, exchange of information and expension activities at different levels, political commitment.	ıg-term
	addres	Please attach a copy of the agreement or arrangement or provide as of the document ( <i>please attach document or insert web adatable</i> ): https://www.mzp.cz/cz/nemecko_dokument	
3.	•	ar country a member of any joint body or mechanism for this agree gement?	ment or
Yes 🛭	☑/No [		
If no,	why no	t? (please explain): [fill in]	
Wher	e there	is a joint body or mechanism	
	(a) (pleas	If there is a joint body or mechanism, which kind of joint body or medetick one)?	chanism
		Plenipotentiaries	
		Bilateral commission	$\boxtimes$

	Basin or similar commission				
	Expert group meeting or meeting of national focal points				
	Other (please describe): [fill in]				
(b) basir	Does the joint body or mechanism cover the entire transboundary ban, part of a basin or group of basins?	sin, sub-			
Yes ⊠/No					
(c) mech	Which States (including your own) are members of the joint nanism? ( <i>Please list</i> ): <b>Germany and the Czech Republic</b>	body or			
tran	(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) the jo	(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) tick t	f) Does the joint body or mechanism have any of the following features ( <i>please ick the ones applicable</i> )?				
	A secretariat	$\boxtimes$			
	If the secretariat is a permanent one, is it a joint secretariat or does each country host its own secretariat? (Please describe): each c has its own secretariat	ountry			
	A subsidiary body or bodies	$\boxtimes$			
	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? <sup>12</sup>				
	Identification of pollution sources	$\boxtimes$			
	Data collection and exchange	$\boxtimes$			
	Joint monitoring	$\boxtimes$			
	Maintenance of joint pollution inventories				

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	$\boxtimes$
	Management and prevention of flood or drought risks	$\boxtimes$
	Preparedness for extreme events, e.g., common early warning and alarm procedures	$\boxtimes$
	Surveillance and early warning of water related disease	
	Water allocation and/or flow regulation	$\boxtimes$
	Policy development	$\boxtimes$
	Control of implementation	$\boxtimes$
	Exchange of experience between riparian States	$\boxtimes$
	Exchange of information on existing and planned uses of water and related installations	$\boxtimes$
	Settling of differences and conflicts	$\boxtimes$
	Consultations on planned measures	$\boxtimes$
	Exchange of information on best available technology	$\boxtimes$
	Participation in transboundary EIA	
	Development of river, lake or aquifer basin management or action plans	$\boxtimes$
	Management of shared infrastructure	$\boxtimes$
	Addressing hydromorphological alterations	$\boxtimes$
	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	$\boxtimes$
	Capacity-building	
	Any other tasks (please list): [fill in]	
(h) operat	What are the main difficulties and challenges that your country faces ion of the joint body or mechanism, if any?	with the
	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 r	egularly?
	Yes	⊠/No□	
	If yes	s, how frequently does it meet?	
		More than once per year	$\boxtimes$
		Once per year	
		Less than once per year	
	(j) effec	What are the main achievements with regards to the joint body or <b>tive water management, common projects</b>	mechanism'
	(k) coop	Did the joint body or mechanism ever invite a non-riparian coaerate?	stal State to
Yes [	/No	$\boxtimes$	
	ripar in] T conce Gern	s, please give details. If no, why not, e.g. are the relevant coasta- tian States and therefore already members of the joint body or medi- this agreement covers the cooperation on transboundary issu- erned Czech - German boundaries are not relevant for cos- many. The Czech Republic cooperates with Germany as a coa- crnational Commission for the Protection of the Elbe River.	hanism? [fil nes and the stal part of
4.		e joint objectives, a common strategy, a joint or coordinated manage in plan been agreed for the basin, sub-basin, part of a basin or group	
Yes [	⊠/No[		
	based grou river moni the surfa	s, please provide further details: Cooperation on transboundard mainly on the discussion of specific measures (surface indivated abstractions, waste water discharges, constructions beds, bridges, weirs, adjustment of riverbeds etc.); there is also ditoring of water quality, cooperation in accordance with the requivater Framework Directive (harmonization of the assessmence water bodies, measures, exemptions); coordinated cooperatection of pearl mussels; cooperation in case of accidents - joint directive in the cooperation in case of accidents - joint directive in the cooperation in case of accidents - joint directive in the cooperation in case of accidents - joint directive in the cooperation in case of accidents - joint directive in the cooperation in case of accidents - joint directive in the cooperation in case of accidents - joint directive in the cooperation in case of accidents - joint directive in the cooperation in case of accidents - joint directive in the cooperation in case of accidents - joint directive in the cooperation in case of accidents - joint directive in the cooperation in case of accidents - joint directive in the cooperation in case of accidents - joint directive in the cooperation in case of accidents - joint directive in the cooperation in the cooperation in the cooperation in the cooperation in case of accidents - joint directive in the cooperation in t	water and on and by coordinated irements of joint tion for the
5.	prote	is the transboundary basin,-sub-basin, part of a basins or grounded, including the protection of ecosystems, in the context of susual water use?	-
	_	ulation of urbanization, deforestation, and sand and el extraction.	$\boxtimes$
		ronmental flow norms, including consideration of levels and onality	$\boxtimes$

		quality protection, e.g. nitrates, pesticides, faecal coliforms, metals	$\boxtimes$
	Water	related species and habitats protection	$\boxtimes$
	Other	measures (please describe): [fill in]	
6.	(a) States	Does your country regularly exchange information and data with other in the basin, sub-basin, part of a basin or group of basins?	riparian
Yes 🛭	]/No [		
	(b)	If yes, how often:	
		More than once per year	$\boxtimes$
		Once per year	
		Less than once per year	
	(c) meeti	Please describe how information is exchanged (e.g. in connectings of joint bodies): <b>electronically, within working groups, at meeting</b>	
	(d)	If yes, on what subjects are information and data exchanged?	
		Environmental conditions	$\boxtimes$
		Research activities and application of best available techniques	$\boxtimes$
		Emission monitoring data	$\boxtimes$
		Planned measures taken to prevent, control or reduce transboundary impacts	$\boxtimes$
		Point source pollution sources	$\boxtimes$
		Diffuse pollution sources	$\boxtimes$
		Existing hydromorphological alterations (dams, etc.)	$\boxtimes$
		Flows or water levels (including groundwater levels)	$\boxtimes$
		Water abstractions	$\boxtimes$
		Climatological information	$\boxtimes$
		Future planned measures with transboundary impacts, such as infrastructure development	$\boxtimes$
		Other subjects (please list): [fill in]	
		Other comments, e.g. spatial coverage of data and information exchain]	nge: [fill
	(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 app	olicable?
	Frequ	ency of exchanges	
	Timin	g of exchanges	

	Comp	arability of data and information			
	Limite	ed spatial coverage			
	Inadeo	quate resources (technical and/or financial)			
	Other	(please describe): [fill in]			
	Additi	ional comments: [fill in]			
	(h) basin o	What are the main benefits of data exchange or group of basins? (please describe): Mutual		ub-basin, par	rt of a
7.		e riparian States carry out joint monitoring in the f a basin or group of basins? <b>There is 1 profil</b>			
Yes 🗵	]/No [				
	(a)	If yes, what does the joint monitoring cover?			
			Hydrological	Ecological	Chemical
		Border surface waters	$\boxtimes$	$\boxtimes$	$\boxtimes$
		Surface waters in the entire basin			
		Surface waters on the main watercourse			
		Surface waters in part of the basin			
		please describe [fill in]			
		Transboundary aquifer(s) (connected or unconnected)			
		Aquifer(s) in the territory of one riparian hydraulically connected to a transboundary river or lake			
	(b)	If joint monitoring is carried out, how is this	done?		
		National monitoring stations connected through or common stations	igh a network		
		Please describe: [fill in]			
		Joint and agreed methodologies			
		Please describe: [fill in]			
		Joint sampling			
		Please describe: Joint sampling is based of for the year. The work plan sets deadlines	_	_	plan
		Common monitoring network			◁
		Please describe: Common monitoring net results joint sampling and group's work p		according (	to the

	Common agreed parameters	$\boxtimes$
	Please describe: Common agreed parameters is based on the wowork plan for the year.	rk group's
	(c) Please describe the main achievements regarding joint monany: <b>Availability of monitoring results</b>	itoring, if
	(d) Please describe any difficulties experienced with joint monitoring: <b>Differences in National methodologies and standards.</b>	
8.	Do the riparian States carry out joint assessment of the transboundary basin, part of a basin or group of basins?	basin, sub-
Yes [	☑/No □	
	If yes, please provide the date of the last or only assessment, the frequency (e.g., surface waters or groundwaters only, pollution sources, etc.) of the and assessment methodology applied: There is harmonisation of asset transboundary waterbodies done in line with Water Framework Direction was done in 2020.	assessment, essment of
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 (please specify which), or have national standards of the riparian States bee according to the Water Framework Directive and Environmenta Standards Directive	en applied?
10.	What are the measures implemented to prevent or limit the transboundary accidental pollution?	impact of
	Notification and communication	$\boxtimes$
	Coordinated or joint early warning or alarm system for accidental water pollution	$\boxtimes$
	Other (please list): [fill in]	
	No measures	
	If not, why not? What difficulties does your country face in place such measures?: [fill in]	in putting
11.	What are the measures implemented to prevent or limit the transboundary extreme weather events and climate change?	impact of
	Notification and communication	$\boxtimes$
	Coordinated or joint alarm system for floods	$\boxtimes$
	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 place such measures?: [fill in]	in putting

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

12.

41

Yes [	⊠/No	
	If yes, please provide a brief summary: Mutual assistance is done on to local authorities and firefighter brigades, upon request	he level of
13.	Are the public or relevant stakeholders involved in transboundary water m in the basin, sub-basin, part of a basin or group of basins?	anagement
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	$\boxtimes$
	Consultation on planned measures or river basin management plans <sup>13</sup>	$\boxtimes$
	Public involvement	$\boxtimes$
	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. <sup>14</sup> In some instances, you may provide information

<sup>&</sup>lt;sup>13</sup> Or, where applicable, aquifer management plans.

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 agreements<sup>15</sup> 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:

Uncon	fined aquifer connected to a river or lake	
Uncon	fined aquifer with no or limited relation with surface water	$\boxtimes$
Confir	ned aquifer connected to surface water	
Confir	ned aquifer with no or limited relation with surface water	$\boxtimes$
Other		
Please	describe: [fill in]	
Unkno	own	
	ntage of your country's territory within the basin, sub-basin, part of of basins: along the state border with Austria approximately $0.3\%$	a basin o
1.	Is there one or more transboundary (bilateral or multilateral) agree 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	$\boxtimes$
	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) Treaty between the Czechoslovak Socialist Republic and the Republic of Austria Water Management Issues on Transboundary Waters	on
	Agreement or arrangement is under development	
	No agreement or arrangement	
	If there is no agreement or arrangement or it is not in force, please exp why not and provide information on any plans to address the situation: [fi	

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.

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 coope	eration?
	Yes	]/No ⊠	
	If yes	, does it cover the entire basin or group of basins and all riparian State	s?
	Yes	□/No □	
	Addit	ional explanations?	
	Pract	tically all bilateral relevant issues within the Austrian and Czech	
	subca	ntchment area of Vltava/Moldau, Lužnice/Lainsitz, Dyje/Thaya an	d
	Mora	ava/March can be addressed.	
	Or, if basin	the agreement or arrangement relates to a sub-basin, does it cover the early	ntire sub-
	Yes [	☑/No □	
	Addit	ional explanations? [fill in]	
	(Plea	h States (including your own) are bound by the agreement or arrange list): Austria, the Czech Republic - parts of the Vltava and Mora pasins along the state border with Austria according to the agreement	ava river
	(b) does i	If the agreement or arrangement relates to a river or lake basin or s it also cover aquifers?	ub-basin,
	Yes [	☑/No □	
	agree	s, please list the aquifers covered by the agreement or arrangement: ment cover aquifers but they are not specific aquifers there and so essible to provide more information. Data not availabe.	
	with	peration within transboundary water management under relevant neighboring states is based mainly on discussing and harmonizing moment that could influence surface or groundwater in the other	specific intention at a
	(c)	What is the sectoral scope of the agreement or arrangement?	
		All water uses	$\boxtimes$
		A single water use or sector	
		Several water uses or sectors	
	If one	or several water uses or sectors, please list (check as appropriate):	
	Wate	er uses or sectors	
		Industry	
		Agriculture	
		Transport (e.g., navigation)	
		Households	
		Energy: hydropower and other energy types	П

Fisheries	
Tourism	
Nature protection	
Other (please list): [fill in]	
(d) What topics or subjects of cooperation are included in the agrarrangement?	reement or
Procedural and institutional issues	
Dispute and conflict prevention and resolution	$\boxtimes$
Institutional cooperation (joint bodies)	$\boxtimes$
Consultation on planned measures	$\boxtimes$
Mutual assistance	$\boxtimes$
Topics of cooperation	
Joint vision and management objectives	$\boxtimes$
Joint significant water management issues	$\boxtimes$
Navigation	$\boxtimes$
Human health	$\boxtimes$
Environmental protection (ecosystem)	$\boxtimes$
Water quality	$\boxtimes$
Water quantity or allocation	$\boxtimes$
Cooperation in addressing floods	$\boxtimes$
Cooperation in addressing droughts	$\boxtimes$
Climate change adaptation	
Monitoring and exchange	
Joint assessments	$\boxtimes$
Data collection and exchange	$\boxtimes$
Joint monitoring	$\boxtimes$
Maintenance of joint pollution inventories	
Elaboration of joint water quality objectives	
Common early warning and alarm procedures	$\boxtimes$
Exchange of experience between riparian States	$\boxtimes$
Exchange of information on planned measures	$\boxtimes$
Joint planning and management	
Development of joint regulations on specific topics	$\boxtimes$
Development of international or joint river, lake or aquifer basin management or action plans	
Management of shared infrastructure	

		Development of shared infrastructure	$\boxtimes$
		Other (please list): [coordination of national WFD planning]	
		What are the main difficulties and challenges that your country faces ment or arrangement and its implementation, if any? <b>No difficulties v</b> mentation 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	$\boxtimes$
		Other (please describe): [fill in]	
	coope	What are the main achievements in implementing the agreer gement and what were the keys to achieving such success? Long-term ration and communication, exchange of information and experience on activities at different levels, political commitment.	
	applic https:	Please attach a copy of the agreement or arrangement or provide as of the document (please attach document or insert web additable):  //www.mzp.cz/C1257458002F0DC7/cz/rakousko_dokument/\$FILE tva_HV_Rak-20131003.pdf	dress, if
3.	-	ar country a member of any joint body or mechanism for this agree gement?	ment or
Yes 🗵	/No [		
If no, v	why no	t? (please explain): [fill in]	
Where	e there	is a joint body or mechanism	
	(a) (pleas	If there is a joint body or mechanism, which kind of joint body or meter tick one)?	chanism
		Plenipotentiaries	
		Bilateral commission	$\boxtimes$
		Basin or similar commission	
		Expert group meeting or meeting of national focal points	
		Other (please describe): [fill in]	
	(b) basin,	Does the joint body or mechanism cover the entire transboundary bas part of a basin or group of basins?	sin, sub-
Yes 🗵	]/No [		

(c) mecha	Which States (including your own) are members of the joint mism? ( <i>Please list</i> ): <b>Austria and the Czech Republic</b>	body or
conce	Are there any riparian States that are not members of the joint unism? (please list): <b>Germany, Poland, Slovakia but the bilateral agirns only transboundary waters in the section of the state border leach Republic and Austria</b>	reement
(e) the join	If not all riparian States are members of the joint body or mechanism hant body or mechanism cooperate with them?	ow does
	No cooperation	
	They have observer status	
	Other (please describe): [fill in]	
(f) tick th	Does the joint body or mechanism have any of the following features <i>e ones applicable</i> )?	s (please
	A secretariat	$\boxtimes$
	If the secretariat is a permanent one, is it a joint secretate does each country host its own secretariat? (Please describe): Each has own secretariat. They have joint meetings, solve joint issues.	
	A subsidiary body or bodies	$\boxtimes$
Pl	ease list (e.g., working groups on specific topics): Sub-commissions dealing with particular topics of cooperation, expert group and in hoc working groups can be created	case of need the ad
	Other features (please list): [fill in]	
(g)	What are the tasks and activities of this joint body or mechanism? <sup>16</sup>	
	Identification of pollution sources	$\boxtimes$
	Data collection and exchange	$\boxtimes$
	Joint monitoring	$\boxtimes$
	Maintenance of joint pollution inventories	
	Setting emission limits	
	Elaboration of joint water quality objectives	$\boxtimes$
	Management and prevention of flood or drought risks	$\boxtimes$
	Preparedness for extreme events, e.g., common early warning and alarm procedures	$\boxtimes$
	Surveillance and early warning of water related disease	
	Water allocation and/or flow regulation	$\boxtimes$
	Policy development	$\boxtimes$
	Control of implementation	$\bowtie$

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	$\boxtimes$
	Exchange of information on existing and planned uses of water and related installations	$\boxtimes$
	Settling of differences and conflicts	$\boxtimes$
	Consultations on planned measures	$\boxtimes$
	Exchange of information on best available technology	$\boxtimes$
	Participation in transboundary EIA	
	Development of river, lake or aquifer basin management or action plans	$\boxtimes$
	Management of shared infrastructure	$\boxtimes$
	Addressing hydromorphological alterations	$\boxtimes$
	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	$\boxtimes$
	Capacity-building	
	Any other tasks (please list): [fill in]	
(h) opera	What are the main difficulties and challenges that your country face ation of the joint body or mechanism, if any?	s with the
	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 reg	ularly?
Yes [	⊠/No□	

	If yes	, how frequently does it meet?	
		More than once per year	$\boxtimes$
		Once per year	
		Less than once per year	
	(j) <b>Effec</b>	What are the main achievements with regards to the joint body of tive water management, common projects	or mechanism?
	(k) coope	Did the joint body or mechanism ever invite a non-riparian carate?	oastal State to
Yes [	]/No [		
coo]	therefo peratio	please give details. If no, why not, e.g. are the relevant coastal for already members of the joint body or mechanism? This agree in on transboundary issues and both countries are landlocked in of the Czech Republic with coastal states is done via multiles.	ement covers the l countries. The
4. Is t	here a j	oint or	
4.		joint objectives, a common strategy, a joint or coordinated manaplan been agreed for the basin, sub-basin, part of a basin or group plan been agreed for the basin, sub-basin, part of a basin or group plan been agreed for the basin, sub-basin, part of a basin or group plan been agreed for the basin, sub-basin, part of a basin or group plan been agreed for the basin, sub-basin, part of a basin or group plan been agreed for the basin, sub-basin, part of a basin or group plan been agreed for the basin, sub-basin, part of a basin or group plan been agreed for the basin, sub-basin, part of a basin or group plan been agreed for the basin or group plan been agreed for group plan been agreed for the basin or group plan been agreed for group plan been agre	=
Yes [	⊠/No[	]	
coope (harn coord	eration nonizat linated	of riverbeds etc.); there is also coordinated monitoring of vin accordance with the requirements of the Water Framewion of the assessment of joint surface water bodies, measures, cooperation for the protection of pearl mussels; cooperationt directive, etc.	ork Directive , exemptions);
5.	protec	is the transboundary basin,-sub-basin, part of a basins or greated, including the protection of ecosystems, in the context of sal water use?	=
	_	ation of urbanization, deforestation, and sand and extraction.	
	Enviro	onmental flow norms, including consideration of levels and nality	$\boxtimes$
		quality protection, e.g. nitrates, pesticides, faecal coliforms, metals	$\boxtimes$
	Water	related species and habitats protection	$\boxtimes$
	Other	measures (please describe): [fill in]	
6.	(a) States	Does your country regularly exchange information and data with in the basin, sub-basin, part of a basin or group of basins?	n other riparian
Yes 🏻	✓/No [		
	(b)	If yes, how often:	
		More than once per year	$\boxtimes$

		Once per year	
		Less than once per year	
	(c) meetin	Please describe how information is exchanged (e.g. in connectings of joint bodies): <b>Regularly at meetings of experts and Subcomm</b>	
	(d)	If yes, on what subjects are information and data exchanged?	
		Environmental conditions	
		Research activities and application of best available techniques	$\boxtimes$
		Emission monitoring data	$\boxtimes$
		Planned measures taken to prevent, control or reduce transboundary impacts	$\boxtimes$
		Point source pollution sources	$\boxtimes$
		Diffuse pollution sources	$\boxtimes$
		Existing hydromorphological alterations (dams, etc.)	$\boxtimes$
		Flows or water levels (including groundwater levels)	$\boxtimes$
		Water abstractions	$\boxtimes$
		Climatological information	
		Future planned measures with transboundary impacts, such as infrastructure development	$\boxtimes$
		Other subjects (please list): [fill in]	
		Other comments, e.g. spatial coverage of data and information exchannin]	nge: [fill
	(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]	
	_	What are the main difficulties and challenges to data exchange, if appreciated to data exchange occur.	plicable?
	Frequ	ency of exchanges	
	Timin	g of exchanges	
	Comp	parability of data and information	
	Limite	ed spatial coverage	
	Inade	quate resources (technical and/or financial)	
	Other	(please describe): [fill in]	
	Addit	ional comments: [fill in]	
	(h) basin	What are the main benefits of data exchange on the basin, sub-basin, or group of basins? (please describe): <b>Mutual awareness.</b>	part of a

	If yes, what does the joint mor	nitoring cover?		
		Hydrologic al	Ecological	Chemical
Border surface v	waters	$\boxtimes$	$\boxtimes$	$\boxtimes$
Surface waters i	in the entire basin			
Surface waters of watercourse	on the main		$\boxtimes$	$\boxtimes$
Surface waters i	in part of the basin			
please de	escribe [fill in]			
Transboundary or unconnected)	aquifer(s) (connected			
	e territory of one ically connected to a iver or lake			
	If joint monitoring is carried of National monitoring stations or common stations  Please describe: [fill in]  Joint and agreed methodological Please describe: [fill in]  Joint sampling	connected through		
	Please describe: <b>Joint samp</b> l	ing is based on t	he work oro	_
	for the year. The work plan			
	Common monitoring network			$\boxtimes$
	Please describe: Common mresults joint sampling and gr	_	_	according to 1
				$\boxtimes$
	Common agreed parameters			
	Common agreed parameters  Please describe: Common ag  work plan for the year.	reed parameters i	s based on tl	he work grou
(c)	Please describe: <b>Common ag</b>	achievements reg		-

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 thransboundary 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 stand which), or have national standards of the riparian States been applied? Acco Framework Directive and Environmental Quality Standards Directive.	
10.	What are the measures implemented to prevent or limit the transboundary in accidental pollution?	npact of
	Notification and communication	$\boxtimes$
	Coordinated or joint early warning or alarm system for accidental water pollution	$\boxtimes$
	Other (please list): [fill in]	
	No measures	
	If not, why not? What difficulties does your country face in in place such measures?: [fill in]	putting
11.	What are the measures implemented to prevent or limit the transboundary in extreme weather events and climate change?	npact of
	Notification and communication	$\boxtimes$
	Coordinated or joint alarm system for floods	$\boxtimes$
	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 in place such measures?: [fill in]	putting
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 local authorities and firefighter brigades, upon request	vel of
13.	Are the public or relevant stakeholders involved in transboundary water manain the basin, sub-basin, part of a basin or group of basins?	agement
Yes [	☑/No □	
	If yes, how? (please tick all applicable)	
	Stakeholders have observer status in a joint body or mechanism	П

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 plans <sup>17</sup>		
Public involvement	$\boxtimes$	
Other (please specify): [fill in]		

 $<sup>^{\</sup>rm 17}\,$  Or, where applicable, a quifer 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 similar<sup>18</sup>. 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 agreements <sup>19</sup> 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:

 $\boxtimes$ 

Unconfined aquifer connected to a river or lake	$\boxtimes$
Unconfined aquifer with no or limited relation with surface water	$\boxtimes$
Confined aquifer connected to surface water	$\boxtimes$
Confined aquifer with no or limited relation with surface water	$\boxtimes$
Other	
Please describe: [fill in]	
Unknown	
Percentage of your country's territory within the basin, sub-basin, part of group of basins: Oder River Basin – 6 % (share of Czech Republic on total teritor River Basin, not percentage of Oder River Basin in Czech Republic)	
1. Is there one or more transboundary (bilateral or multilateral) agree 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

<sup>&</sup>lt;sup>18</sup> 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.

<sup>19</sup> In section II, "agreement" covers all kinds of treaties, conventions and agreements ensuring cooperation in the field of transboundary waters. Section II can also be completed for other types of arrangements, such as memorandums of understanding.

	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 a Pollution	gainst
	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 why not and provide information on any plans to address the situation: [fill in]	
trans quest then Ques	ere is no agreement or arrangement and no joint body or mechanism for shoundary basin, sub-basin, part of a basin or group of basin then justion 4; if there is no agreement or arrangement, but a joint body or mechango to question 3.  Stions 2 and 3 to be completed for each bilateral or multilateral agreement in force in the transboundary basin, sub-basin, part of basin or group of the part of the pa	mp to anism ent or
basin		о <b>ч</b> р 01
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 entirbasin?	re sub-
	Yes ⊠/No □	
	Additional explanations? : [fill in]	
	Which States (including your own) are bound by the agreement or arrange ( <i>Please list</i> ): <b>Germany, Poland and the Czech Republic</b>	ment?
	(b) If the agreement or arrangement relates to a river or lake basin or sub-basin it also cover aquifer?	ı, does
	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⟨=CZ). We have list of aquifer, there is only basic data.	no
	(c) What is the sectoral scope of the agreement or arrangement?	
	All water uses	$\boxtimes$
	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):	
	That topics or subjects of cooperation are included in the agreement gement?	or
Proce	dural and institutional issues	
	Dispute and conflict prevention and resolution	$\boxtimes$
	Institutional cooperation (joint bodies)	$\boxtimes$
	Consultation on planned measures	$\boxtimes$
	Mutual assistance	$\boxtimes$
Topic	s of cooperation	
	Joint vision and management objectives	$\boxtimes$
	Joint significant water management issues	
	Navigation	$\boxtimes$
	Human health	
	Environmental protection (ecosystem)	
	Water quality	$\boxtimes$
	Water quantity or allocation	
	Cooperation in addressing floods	
	Cooperation in addressing droughts	
	Climate change adaptation	$\boxtimes$
Monit	toring and exchange	
	Joint assessments	$\boxtimes$
	Data collection and exchange	$\boxtimes$
	Joint monitoring	$\boxtimes$
	Maintenance of joint pollution inventories	$\boxtimes$
	Elaboration of joint water quality objectives	
	Common early warning and alarm procedures	
	Exchange of experience between riparian States	$\boxtimes$
	Exchange of information on planned measures	$\boxtimes$

Joint	planning and management	
	Development of joint regulations on specific topics	$\boxtimes$
	Development of international or joint river, lake or aquifer basin management or action plans	$\boxtimes$
	Management of shared infrastructure	
	Development of shared infrastructure	
	Other (please list): [fill in]	
(e) agreei	What are the main difficulties and challenges that your country faces ment or arrangement and its implementation, if any?	with the
	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	$\boxtimes$
	Other (please describe): [fill in]	
(f) arrang	What are the main achievements in implementing the agreer gement and what were the keys to achieving such success? [fill in]	nent or
of flo pollut	ovement of ecological and chemical status of the Oder river, impropod protection, functional warning system in case of accidentation, preparation of International River Basin and Flood Risk Manataccording to Water Framework Directive.	l water
	Please attach a copy of the agreement or arrangement or provide ss of the document ( <i>please attach document or insert web adacable</i> ): [fill in]	
http:/	//mkoo.pl/index.php?mid=1&aid=7⟨=EN	
•	ur country a member of an operational joint body or joint bodies ment or arrangement?	for this
Yes 🛭	☑/No □	
If no,	why not? (please explain): [fill in]	
Wher	re there is a joint body or mechanism	
(a)	If there is a joint body or mechanism, which kind of joint body or me (please tick one)?	chanism
	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 of mechanism? ( <i>Please list</i> ): [fill in]	r
	Germany, Poland and the Czech Republic	
(d)	Are there any riparian States that are not members of the joint body of mechanism? ( <i>Please list</i> ): [fill in]	r
	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?	S
	No cooperation	
	They have observer status	
	Other (please describe): [fill in]	
(f)	Does the joint body or mechanism have any of the following features ( <i>please tick the ones applicable</i> )?	ę
	A secretariat	]
	If the secretariat is a permanent one, is it a joint secretariat or does each country host its own secretariat? (Please describe): <b>Permanent secretariat</b>	
	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? <sup>20</sup>	
	Identification of pollution sources	]

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	$\boxtimes$
Joint monitoring	$\boxtimes$
Maintenance of joint pollution inventories	$\boxtimes$
Setting emission limits	
Elaboration of joint water quality objectives	$\boxtimes$
Management and prevention of flood or drought risks	$\boxtimes$
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	$\boxtimes$
Exchange of experience between riparian States	$\boxtimes$
Exchange of information on existing and planned uses of water and related installations Settling of differences and conflicts	
Consultations on planned measures	$\boxtimes$
Exchange of information on best available technology	
Participation in transboundary EIA	
Development of river, lake or aquifer basin management or action plans	$\boxtimes$
Management of shared infrastructure	
Addressing hydromorphological alterations	$\boxtimes$
Climate change adaptation	$\boxtimes$
Joint communication strategy	$\boxtimes$
Basin-wide or joint public participation and consultation of, for example, basin management plans	
Joint resources to support transboundary cooperation	$\boxtimes$
Capacity-building	
Any other tasks (please list): [fill in]	
What are the main difficulties and challenges that your country faces with operation of the joint body or mechanism, if any?	ı the
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]	

(h)

	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 o Improvement of ecological and chemical status of the Oder ri protection, functional warning system in case of accidental war of International River Basin and Flood Risk Management I Framework Directive.	ver, improvement of flood ater pollution, preparation	
(k)	Did the joint body or mechanism ever invite a non-riparian co cooperate?	astal State to	
	Yes □/No ⊠		
	If yes, please give details. If no, why not, e.g. are the relevant of also riparian States and therefore already members of the j mechanism?		
	Two of the member states are a coastal state.		
	e joint objectives, a common strategy, a joint or coordinated manage in plan been agreed for basin, sub-basin, part of a basin or group of		
Yes	Yes ⊠/No□		
If ye.	s, please provide further details: [fill in]		
	rnational River Basin management plan for the Oder Riverage by member states.	er is jointly	
prote	is the transboundary basin, sub-basin, part of a basin or groected, including the protection of ecosystems, in the context of sunal water use?		
_	ulation of urbanization, deforestation, and sand and el extraction.		
	ronmental flow norms, including consideration of levels and onality		

		r quality protection, e.g. nitrates, pesticides, faecal coliforms, metals	$\boxtimes$
	Wate	r-related species and habitats protection	$\boxtimes$
	Other	measures (please describe): [fill in]	
6.	(a) States	Does your country regularly exchange information and data with oth s in the basin, sub-basin, part of a basin or group of basins?	er riparian
	Yes	☑/No	
	(b)	If yes, how often:	
		More than once per year	$\boxtimes$
		Once per year	
		Less than once per year	
	(c)	Please describe how information is exchanged (e.g. in connection wi of joint bodies): [fill in]	th meeting
		The information shall be exchange at meetings of the working group-groups.	roups and
	(d)	If yes, on what subjects are information and data exchanged?	
		Environmental conditions	$\boxtimes$
		Research activities and application of best available techniques	$\boxtimes$
		Emission monitoring data	$\boxtimes$
		Planned measures taken to prevent, control or reduce transboundary impacts	
		Point source pollution sources	$\boxtimes$
		Diffuse pollution sources	$\boxtimes$
		Existing hydromorphological alterations (dams, etc.)	$\boxtimes$
		Flows or water levels (including groundwater levels)	$\boxtimes$
		Water abstractions	$\boxtimes$
		Climatological information	$\boxtimes$
		Future planned measures with transboundary impacts, such as infrastructure development	$\boxtimes$
		Other subjects (please list): [fill in]	
		Other comments, e.g. spatial coverage of data and information exch	ange: [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?&app	plicationId=2385
	(g)	What are the main difficulties and challenges to data exchange, if ap	pplicable?

	Frequ	ency of exchanges			
	Timir	ng of exchanges			
	Comp	parability of data and information			
	Limited spatial coverage				
	Inade	quate resources (technical and/or financial)			
	Other	(please describe): Different standards for	data collection	ı in riparian	states.
	Addit	ional comments: [fill in]			
	(h) basin	What are the main benefits of data exchan or group of basins? ( <i>please describe</i> ):	ge on the basin.	sub-basin, p	oart of a
	Mutu	al awareness.			
7.		e riparian States carry out joint monitoring in f a basin or group of basins?	the transbound	ary basin, sul	o-basin,
	Yes [	☑/No □			
	(a)	If yes, what does the joint monitoring cover	er?		
			Hydrological	Ecological	Chemical
	Border	surface waters		$\boxtimes$	
	Surface	waters in the entire basin			
	Surface	waters on the main ourse			
	Surface	waters in part of the basin			
	1	please describe [fill in]			
		oundary aquifer(s) (connected nnected)			
	riparian	r(s) in the territory of one hydraulically connected to a undary river or lake			
	(b)	If joint monitoring is carried out, how is the	nis done?		
		National monitoring stations connected the or common stations	rough a network	ζ	
		Please describe			
		Joint and agreed methodologies			
		Please describe [fill in]			
		Joint sampling			$\boxtimes$
		Please describe: Joint sampling is determined in the sampling in the sampling in the sampling is determined in the sampling in the sampline in the sampl	mined by the V	Vorking sub	-group
		Common monitoring network			$\boxtimes$
	Please describe: Common monitoring network is determined by the Working sub-group "Monitoring".				by the

		Common agreed parameters	
		Please describe [fill in]	
	(c)	Please describe the main achievements regarding joint monitoring, if ar	ıy:
		Availability of monitoring results.	
	(d)	Please describe any difficulties experienced with joint monitoring:	
		Differences in National methodologies and standards.	
8.		ne riparian States carry out joint assessment of the transboundary basin, part of basin or group of basin?	n, sub-
	Yes	]/No ⊠	
	(e.g.,	please provide the date of the last or only assessment, the frequency and surface waters or groundwaters only, pollution sources, etc.) of the asses ssessment methodology applied:	
9.	Have	the riparian States agreed to use joint water quality standards?	
	Yes 2	☑/No □	
		, what standards have been applied, e.g. international or regional sta se specify which), or have national standards of the riparian States been ap	
	Based	d on Water Framework Directive and Environmental Quality Standa	ards Directive.
10.		are the measures implemented to prevent or limit the transboundary impental pollution?	pact of
		Notification and communication	$\boxtimes$
		Coordinated or joint alarm system for accidental water pollution	$\boxtimes$
		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.		are the measures implemented to prevent or limit the transboundary in the prevent of the pr	pact of
		Notification and communication	$\boxtimes$
		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 p	rocedures 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?	nent
	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	$\boxtimes$
	Consultation on planned measures or river basin management plans <sup>21</sup>	$\boxtimes$
	Public involvement	$\boxtimes$
	Other (please specify): [fill in]	
riv	ease remember to complete section II for each of the transboundary basins, vers, lakes or aquifers. Please also remember to attach copies of agreements, 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 similar<sup>22</sup>. 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 agreements<sup>23</sup> 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.

<sup>&</sup>lt;sup>21</sup> Or, where applicable, aquifer management plans.

<sup>&</sup>lt;sup>22</sup> 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.

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

	vor the outer hit of bushing I three or the blood hit of bushin	
List	of the riparian States: Poland, the Czech Republic	
	he case of an aquifer, what is the nature of the aquifer and its relationake basin:	n with the river
Unc	onfined aquifer connected to a river or lake	
Unc	onfined aquifer with no or limited relation with surface water	
Con	fined aquifer connected to surface water	
Con	fined aquifer with no or limited relation with surface water	$\boxtimes$
Othe	er	
Plea	se describe: [fill in]	
Unk	nown	
	centage of your country's territory within the basin, sub-basin, par up of basins: along the state border with Poland, approximately 0,5%	rt of a basin o
1.	Is there one or more transboundary (bilateral or multilateral) a arrangement(s) on this basin, sub-basin, part of a basin or group of basin	•
	One or more agreements or arrangements exist and are in force	$\boxtimes$
	Agreement or arrangement developed but not in force	
	Agreement or arrangement developed, but not in force for all ripariar	ns
	Please insert the name of the agreement or agreements or arrangement	ents:
	Agreement between the Government of the Czech Republic and the Republic of Poland on Cooperation in Water Mater Maters	
	Agreement or arrangement is under development	
	No agreement or arrangement	
	If there is no agreement or arrangement or it is not in force, please why not and provide information on any plans to address the situation	
tran ques	here is no agreement or arrangement and no joint body or mechasboundary basin, sub-basin, part of a basin or group of basin stion 4; if there is no agreement or arrangement, but a joint body n go to question 3.	then jump to
Que	estions 2 and 3 to be completed for each bilateral or multilateral	l agreement or

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 basin?	t cover the entire sub-
Yes ⊠/No □	
Additional explanations? : [fill in]	
Which States (including your own) are bound by the agreem (Please list): Poland, the Czech Republic - parts of the Oder a along the state border with Poland according to the agreement	nd Elbe river basins
(b) If the agreement or arrangement relates to a river or lake bas it also cover aquifer?	sin or sub-basin, does
Yes ⊠/No □	
If yes, please list the aquifer covered by the agreement or arrang Bilateral agreement cover aquifers but they are not specific so it cannot be possible to provide more information. Data n	aquifers there and
Cooperation within transboundary water management unde with neighboring states is based mainly on discussing and ha given moment that could influence surface or groundwater i	armonizing specific intention at a
(c) What is the sectoral scope of the agreement or arrangement?	
All water uses	$\boxtimes$
A single water use or sector	
Several water uses or sectors	
If one or several water uses or sectors, please list (check as app	ropriate):
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 i arrangement?	n the agreement or
Procedural and institutional issues	
Dispute and conflict prevention and resolution	$\boxtimes$
Institutional cooperation (joint bodies)	$\boxtimes$
Consultation on planned measures	$\boxtimes$

	Mutual assistance	$\boxtimes$
Topic	cs of cooperation	
	Joint vision and management objectives	$\boxtimes$
	Joint significant water management issues	$\boxtimes$
	Navigation	
	Human health	$\boxtimes$
	Environmental protection (ecosystem)	$\bowtie$
	Water quality	$\boxtimes$
	Water quantity or allocation	$\boxtimes$
	Cooperation in addressing floods	$\boxtimes$
	Cooperation in addressing droughts	$\boxtimes$
	Climate change adaptation	
Moni	itoring and exchange	
	Joint assessments	$\boxtimes$
	Data collection and exchange	$\boxtimes$
	Joint monitoring	$\boxtimes$
	Maintenance of joint pollution inventories	$\boxtimes$
	Elaboration of joint water quality objectives	$\boxtimes$
	Common early warning and alarm procedures	$\boxtimes$
	Exchange of experience between riparian States	$\boxtimes$
	Exchange of information on planned measures	$\boxtimes$
Joint	planning and management	
	Development of joint regulations on specific topics	$\boxtimes$
	Development of international or joint river, lake or aquifer basin management or action plans	
	Management of shared infrastructure	
	Development of shared infrastructure	$\boxtimes$
	Other (please list): [fill in]	
(e) agree	What are the main difficulties and challenges that your country facment or arrangement and its implementation, if any?	es with the
	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	$\boxtimes$
		Other (please describe): [fill in]	
	(f) arrang	What are the main achievements in implementing the agreegement and what were the keys to achieving such success? [fill in]	ement or
	exper Partic of coc 20, 20	term cooperation and communication, exchange of informatiences, common activities at different levels, political commitmes cooperate in the spirit of good neighborly relations. The implemoperation based on the bilateral agreement concluded in Prague 015 is a continuation of nearly 40 years of tradition of cooperation revious agreement between the Polish People Republic and Czecho	nent. The nentation on April based on
		Please attach a copy of the agreement or arrangement or provide ss of the document (please attach document or insert web accable): [fill in]	
	_	://www.mzp.cz/C1257458002F0DC7/cz/polsko_dokument/\$FILE/ to-20170727.pdf	0 <b>0</b> V-
3.	•	ur country a member of an operational joint body or joint bodie ment or arrangement?	s for this
	Yes 2	☑/No □	
	If no,	why not? (please explain): [fill in]	
	When	re there is a joint body or mechanism	
	(a)	If there is a joint body or mechanism, which kind of joint body or mechanism.	nechanism
		Plenipotentiaries	
		Bilateral commission	$\boxtimes$
		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 b basin, part of a basin or group of basins?	asin, sub-
		Yes ⊠/No □	
	(c)	Which States (including your own) are member of the joint mechanism? ( <i>Please list</i> ): [fill in]	body or
		Poland and the Czech Republic	
	(d)	Are there any riparian States that are not members of the joint mechanism? ( <i>Please list</i> ): [fill in]	body or
		Yes, but the agreement concerns only transboundary waters in the of the state border between the Czech Republic and Poland.	ne section
	(e)	If not all riparian States are members of the joint body or mechanism the joint body or mechanism cooperate with them?	how does

	No cooperation	
	They have observer status	
	Other (please describe): [fill in]	
(f)	Does the joint body or mechanism have any of the following features tick the ones applicable)?	s (please
	A secretariat	$\boxtimes$
	If the secretariat is a permanent one, is it a joint secretar does each country host its own secretariat? (Please describe): Each has own secretariat. They have joint meetings and solve joint issue.	country
	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	1"
	Working Group "Implementation of Water Framework Directive	e <b>''</b>
	Working Group "Protection Against Pollution"	
	Working Group "River Regulation, Water Supply and Irrigation	<b>,,</b>
	Other features (please list):	
(g)	What are the tasks and activities of this joint body or mechanism? <sup>24</sup>	
	Identification of pollution sources	$\boxtimes$
	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	$\boxtimes$
	Surveillance and early warning of water related disease	
	Water allocation and/or flow regulation	
	Policy development	
	Control of implementation	$\boxtimes$
	Exchange of experience between riparian States	$\boxtimes$
	Exchange of information on existing and planned	

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	$\boxtimes$
	Exchange of information on best available technology	$\boxtimes$
	Participation in transboundary EIA	
	Development of river, lake or aquifer basin management or action plan	ns 🖂
	Management of shared infrastructure	$\boxtimes$
	Addressing hydromorphological alterations	$\boxtimes$
	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	$\boxtimes$
	Capacity-building	
	Any other tasks (please list): [fill in]	
(h)	What are the main difficulties and challenges that your country faces operation of the joint body or mechanism, if any?	with the
	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 regula	arly?
	Yes ⊠/No□	
	If yes, how frequently does it meet?	
	More than once per year	$\boxtimes$
	Once per year	

		Less than once per year	
	(j)	What are the main achievements with regards to the joint body or med <b>Effective water management, common projects.</b>	hanism?
	(k)	Did the joint body or mechanism ever invite a non-riparian coastal cooperate?	State to
		Yes □/No ⊠	
		If yes, please give details. If no, why not, e.g. are the relevant coasts also riparian States and therefore already members of the joint mechanism?	
		This agreement covers the cooperation on transboundary issues a countries are landlocked countries. The cooperation of the Republic with coastal states is done via multilateral agreements.	
4.	action	joint objectives, a common strategy, a joint or coordinated management plan been agreed for basin, sub-basin, part of a basin or group of basin.	-
		☑/No	
		please provide further details: [fill in]	
	specif discha riverl coope Direc	eration on transboundary waters is based mainly on the discussic measures (surface water and groundwater abstractions, wast arges, constructions on and by riverbeds, bridges, weirs, adjust peds etc.); there is also coordinated monitoring of water eration in accordance with the requirements of the Water Frantive (harmonization of the assessment of joint surface water area and exemptions).	e water ment of quality, mework
5.	protec	is the transboundary basin, sub-basin, part of a basin or group of ted, including the protection of ecosystems, in the context of sustainal water use?	
	_	ation of urbanization, deforestation, and sand and extraction.	$\boxtimes$
	Environseason	onmental flow norms, including consideration of levels and nality	$\boxtimes$
		quality protection, e.g. nitrates, pesticides, faecal coliforms, metals	
	Water	related species and habitats protection	$\boxtimes$
	Other	measures (please describe): [fill in]	
6.	(a) States	Does your country regularly exchange information and data with other in the basin, sub-basin, part of a basin or group of basins?	riparian
	Yes 🛭	☑/No □	
	(b)	If yes, how often:	
		More than once per year	
		Once per year	$\boxtimes$
		Less than once per year	
	(c)	Please describe how information is exchanged (e.g. in connection with of joint bodies): [fill in]	meeting

	The information shall be exchange at meetings of the working gr	oups.
(d)	If yes, on what subjects are information and data exchanged?	
	Environmental conditions	$\boxtimes$
	Research activities and application of best available techniques	$\boxtimes$
	Emission monitoring data	$\boxtimes$
	Planned measures taken to prevent, control or reduce transboundary impacts	
	Point source pollution sources	$\boxtimes$
	Diffuse pollution sources	$\boxtimes$
	Existing hydromorphological alterations (dams, etc.)	$\boxtimes$
	Flows or water levels (including groundwater levels)	$\boxtimes$
	Water abstractions	$\boxtimes$
	Climatological information	$\boxtimes$
	Future planned measures with transboundary impacts, such as infrastructure development	$\boxtimes$
	Other subjects (please list): [fill in]	
	Other comments, e.g. spatial coverage of data and information exchange	inge: [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 ap	plicable?
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]		
Addit	tional comments: [fill in] No difficulties related to data exchange oc	cur.
(h) What are the main benefits of data exchange on the basin, sub-basin, part of a basin or group of basins? ( <i>please describe</i> ):		
Mutu	nal awareness.	
Do the riparian States carry out joint monitoring in the transboundary basin, sub-basin, part of a basin or group of basins?		
Yes ⊠/No □		

If yes, what does the joint monitoring cover? (a) Hydrological Ecological Chemical  $\boxtimes$ Border surface waters  $\boxtimes$  $\boxtimes$ Surface waters in the entire basin Surface waters on the main watercourse Surface waters in part of the basin please describe [fill in] Transboundary aquifer(s) (connected or unconnected)  $\Box$ Aquifer(s) in the territory of one riparian hydraulically connected to a transboundary river or lake (b) If joint monitoring is carried out, how is this done? National monitoring stations connected through a network or common stations П Please describe [fill in] Joint and agreed methodologies Please describe [fill in]  $\boxtimes$ 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.  $\boxtimes$ Common monitoring network Please describe: Common monitoring network is filling according to the results joint sampling and group's work plan.  $\boxtimes$ Common agreed parameters Please describe: Common agreed parameters is based on the work group's work plan for the year. Please describe the main achievements regarding joint monitoring, if any: (c) Availability of monitoring results. (d) Please describe any difficulties experienced with joint monitoring: Differences in National methodologies and standards. Do the riparian States carry out joint assessment of the transboundary basin, subbasin, 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.

8.

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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 s (please specify which), or have national standards of the riparian States been d			
	According to the Water Framework Directive and Environmental Quali Directive.	ty Standards		
10.	What are the measures implemented to prevent or limit the transboundary in accidental pollution?	npact of		
	Notification and communication			
	Coordinated or joint alarm system for accidental water pollution	$\boxtimes$		
	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	$\boxtimes$		
	Coordinated or joint alarm system for floods	$\boxtimes$		
	Coordinated or joint alarm system for droughts			
	Joint climate change adaptation strategy			
	Joint disaster risk reduction strategy	$\boxtimes$		
	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 local authorities and firefighter brigades, upon request.	level of		
13.	Are the public or relevant stakeholders involved in transboundary water mans in the basin, sub-basin, part of basin or group of basins?	agement		
	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	$\boxtimes$
Consultation on planned measures or river basin management plans <sup>25</sup>	$\boxtimes$
Public involvement	$\boxtimes$
Other (please specify): [fill in]	
Please remember to complete section II for each of the transboundary largers, lakes or aquifers. Please also remember to attach copies of agree 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 similar<sup>26</sup>. 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 agreements<sup>27</sup> 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	$\boxtimes$
Unconfined aquifer with no or limited relation with surface water	$\boxtimes$
Confined aquifer connected to surface water	$\boxtimes$

<sup>&</sup>lt;sup>25</sup> Or, where applicable, aquifer management plans.

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.

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.

Confi	ned aquifer with no or limited relation with surface water	$\boxtimes$
Other		
Please	e describe: [fill in]	
Unkn	own	
	entage of your country's territory within the basin, sub-basin, part of a p of basins: along the state border with Slovakia, approximately 0,2%	basin or
1.	Is there one or more transboundary (bilateral or multilateral) agreeme arrangement(s) on this basin, sub-basin, part of a basin or group of basins?	ent(s) or
	One or more agreements or arrangements exist and are in force	$\boxtimes$
	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 Gove of the Slovak Republic on Transboundary Waters	ernment
	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 why not and provide information on any plans to address the situation: [fill]	
	ere is no agreement or arrangement and no joint body or mechanism boundary basin, sub-basin, part of a basin or group of basin then i	
trans quest then s Quest arran	boundary basin, sub-basin, part of a basin or group of basin then joint 4; if there is no agreement or arrangement, but a joint body or medgo to question 3.  tions 2 and 3 to be completed for each bilateral or multilateral agree agement in force in the transboundary basin, sub-basin, part of basin or a	jump to chanism ment or
trans quest then Quest arran basin	boundary basin, sub-basin, part of a basin or group of basin then joint 4; if there is no agreement or arrangement, but a joint body or medgo to question 3.  tions 2 and 3 to be completed for each bilateral or multilateral agreement in force in the transboundary basin, sub-basin, part of basin or a second sec	jump to chanism ment or group of
trans quest then s Quest arran	boundary basin, sub-basin, part of a basin or group of basin then joint 4; if there is no agreement or arrangement, but a joint body or medgo to question 3.  tions 2 and 3 to be completed for each bilateral or multilateral agreement in force in the transboundary basin, sub-basin, part of basin or goes.  (a) Does this agreement or arrangement specify the area subject to cooperation	jump to chanism ment or group of
trans quest then Quest arran basin	boundary basin, sub-basin, part of a basin or group of basin then joint 4; if there is no agreement or arrangement, but a joint body or medgo to question 3.  tions 2 and 3 to be completed for each bilateral or multilateral agreement in force in the transboundary basin, sub-basin, part of basin or goes.  (a) Does this agreement or arrangement specify the area subject to cooperation Yes \( \subseteq /\text{No} \)	iump to chanism ment or group of
trans quest then Quest arran basin	boundary basin, sub-basin, part of a basin or group of basin then joint 4; if there is no agreement or arrangement, but a joint body or medgo to question 3.  tions 2 and 3 to be completed for each bilateral or multilateral agreement in force in the transboundary basin, sub-basin, part of basin or gas.  (a) Does this agreement or arrangement specify the area subject to cooperation Yes \( \subseteq /\text{No} \) \( \subseteq \)	iump to chanism ment or group of
trans quest then Quest arran basin	boundary basin, sub-basin, part of a basin or group of basin then joint 4; if there is no agreement or arrangement, but a joint body or medgo to question 3.  tions 2 and 3 to be completed for each bilateral or multilateral agreement in force in the transboundary basin, sub-basin, part of basin or ass.  (a) Does this agreement or arrangement specify the area subject to cooperate Yes \( \subseteq /\text{No} \)  If yes, does it cover the entire basin or group of basins and all riparian States Yes \( \subseteq /\text{No} \( \subseteq \subseteq \)	iump to chanism  ment or group of  on?
trans quest then Quest arran basin	boundary basin, sub-basin, part of a basin or group of basin then joint 4; if there is no agreement or arrangement, but a joint body or medgo to question 3.  tions 2 and 3 to be completed for each bilateral or multilateral agreement in force in the transboundary basin, sub-basin, part of basin or gas.  (a) Does this agreement or arrangement specify the area subject to cooperation Yes \( \subseteq /\text{No} \) \( \subseteq \)	iump to chanism  ment or group of  on?
trans quest then Quest arran basin	boundary basin, sub-basin, part of a basin or group of basin then joint 4; if there is no agreement or arrangement, but a joint body or medgo to question 3.  tions 2 and 3 to be completed for each bilateral or multilateral agreement in force in the transboundary basin, sub-basin, part of basin or gas.  (a) Does this agreement or arrangement specify the area subject to cooperation Yes \( \subseteq /\text{No} \) \( \subseteq \)  If yes, does it cover the entire basin or group of basins and all riparian States Yes \( \subseteq /\text{No} \subseteq \)  Or, if the agreement or arrangement relates to a sub-basin, does it cover the entire basin or group of basins, does it cover the entire basin or group of basin or group of basin or group of basin or group of basin or group or group of basin or group or group or group	iump to chanism  ment or group of  on?
trans quest then Quest arran basin	boundary basin, sub-basin, part of a basin or group of basin then joint 4; if there is no agreement or arrangement, but a joint body or medgo to question 3.  tions 2 and 3 to be completed for each bilateral or multilateral agreement in force in the transboundary basin, sub-basin, part of basin or gives.  (a) Does this agreement or arrangement specify the area subject to cooperation Yes \( \subseteq /\text{No} \)  If yes, does it cover the entire basin or group of basins and all riparian States Yes \( \subseteq /\text{No} \subseteq \)  Or, if the agreement or arrangement relates to a sub-basin, does it cover the entire basin?	iump to chanism  ment or group of  on?
trans quest then Quest arran basin	boundary basin, sub-basin, part of a basin or group of basin then joint 4; if there is no agreement or arrangement, but a joint body or medgo to question 3.  tions 2 and 3 to be completed for each bilateral or multilateral agreement in force in the transboundary basin, sub-basin, part of basin or gives.  (a) Does this agreement or arrangement specify the area subject to cooperation Yes \( \subseteq /\text{No} \)  If yes, does it cover the entire basin or group of basins and all riparian States Yes \( \subseteq /\text{No} \subseteq \)  Or, if the agreement or arrangement relates to a sub-basin, does it cover the embasin?  Yes \( \subseteq /\text{No} \subseteq \)	ment or group of  on?  ?
trans quest then Quest arran basin	boundary basin, sub-basin, part of a basin or group of basin then joint 4; if there is no agreement or arrangement, but a joint body or medgo to question 3.  tions 2 and 3 to be completed for each bilateral or multilateral agreement in force in the transboundary basin, sub-basin, part of basin or ass.  (a) Does this agreement or arrangement specify the area subject to cooperation Yes \( \subseteq /\text{No} \) \( \subseteq \)  If yes, does it cover the entire basin or group of basins and all riparian States Yes \( \subseteq /\text{No} \subseteq \)  Or, if the agreement or arrangement relates to a sub-basin, does it cover the entire basin?  Yes \( \subseteq /\text{No} \subseteq \)  Additional explanations?: [fill in]  Which States (including your own) are bound by the agreement or arrangement or arrangement.	ment or group of on? ? tire sub-
trans quest then Quest arran basin	boundary basin, sub-basin, part of a basin or group of basin then joint 4; if there is no agreement or arrangement, but a joint body or medgo to question 3.  tions 2 and 3 to be completed for each bilateral or multilateral agreement in force in the transboundary basin, sub-basin, part of basin or gos.  (a) Does this agreement or arrangement specify the area subject to cooperate Yes \( \subseteq /\text{No} \)  If yes, does it cover the entire basin or group of basins and all riparian States Yes \( \subseteq /\text{No} \subseteq \)  Or, if the agreement or arrangement relates to a sub-basin, does it cover the entire basin?  Yes \( \subseteq /\text{No} \subseteq \)  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 or sub-basin.	ment or group of on? ? tire sub-

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

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) W	hat is the sectoral scope of the agreement or arrangement?	
	All water uses	$\boxtimes$
	A single water use or sector	
	Several water uses or sectors	
If one	or several water uses or sectors, please list (check as appropriate):	
Wate	r uses or sectors	
	Industry	
	Agriculture	
	Transport (e.g., navigation)	
	Households	
	Energy: hydropower and other energy types	
	Fisheries	
	Tourism	
	Nature protection	
	Other (please list):	
	What topics or subjects of cooperation are included in the agreement gement?	or
Proce	edural and institutional issues	
	Dispute and conflict prevention and resolution	$\boxtimes$
	Institutional cooperation (joint bodies)	$\boxtimes$
	Consultation on planned measures	$\boxtimes$
	Mutual assistance	$\boxtimes$
Горіс	s of cooperation	
	Joint vision and management objectives	$\boxtimes$
	Joint significant water management issues	$\boxtimes$
	Navigation	$\boxtimes$
	Human health	$\boxtimes$
	Environmental protection (ecosystem)	$\boxtimes$
	Water quality	$\boxtimes$
	Water quantity or allocation	$\boxtimes$
	Cooperation in addressing floods	$\boxtimes$

	Cooperation in addressing droughts		$\leq$
	Climate change adaptation		
Mon	itoring and exchange		
	Joint assessments		$\leq$
	Data collection and exchange		$\leq$
	Joint monitoring		$\leq$
	Maintenance of joint pollution inventories		$\leq$
	Elaboration of joint water quality objectives		$\leq$
	Common early warning and alarm procedures		$\leq$
	Exchange of experience between riparian States		$\leq$
	Exchange of information on planned measures		$\langle$
Join	t planning and management		
	Development of joint regulations on specific topics		$\leq$
	Development of international or joint river, lake or aquifer basin management or action plans		$\leq$
	Management of shared infrastructure		
	Development of shared infrastructure		
	Other (please list): [fill in]		
(e) agree	What are the main difficulties and challenges that your country facement or arrangement and its implementation, if any?	ces with th	ıе
	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) arran	What are the main achievements in implementing the agragement and what were the keys to achieving such success? [fill in]	reement o	or

or

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
- 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
- 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-

3.

•	our country a member of an operational joint body or joint bodies for the ement or arrangement?	nis
Yes	⊠/No	
If no	, why not? (please explain): [fill in]	
Whe	ere there is a joint body or mechanism	
(a)	If there is a joint body or mechanism, which kind of joint body or mechanis (please tick one)?	m
	Plenipotentiaries	
	Bilateral commission	$\boxtimes$
	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, subasin, part of a basin or group of basins?	b-
	Yes ⊠/No □	
(c)	Which States (including your own) are member of the joint body mechanism? ( <i>Please list</i> ): [fill in]	or
	Slovakia and the Czech Republic	
(d)	Are there any riparian States that are not members of the joint body mechanism? ( <i>Please list</i> ): [fill in]	or
	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 the joint body or mechanism cooperate with them?	how does
	No cooperation	
	They have observer status	
	Other (please describe): [fill in]	
(f)	Does the joint body or mechanism have any of the following feature tick the ones applicable)?	es (please
	A secretariat	$\boxtimes$
	If the secretariat is a permanent one, is it a joint secret does each country host its own secretariat? (Please describe): Each has own secretariat. They have joint meetings and solve joint issue	country
	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	e"
	Working Group "Water Protection"	
	Other features (please list):	
(g)	What are the tasks and activities of this joint body or mechanism? <sup>28</sup>	
	Identification of pollution sources	$\boxtimes$
	Data collection and exchange	$\boxtimes$
	Joint monitoring	$\boxtimes$
	Maintenance of joint pollution inventories	$\boxtimes$
	Setting emission limits	
	Elaboration of joint water quality objectives	$\boxtimes$
	Management and prevention of flood or drought risks	$\boxtimes$
	Preparedness for extreme events, e.g., common early warning and alarm procedures	$\boxtimes$
	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	

<sup>&</sup>lt;sup>28</sup> This may include tasks according to the agreement or tasks added by the joint body, or its subsidiaries. Both tasks which joint bodies coordinate and tasks which they implement should be included.

	Exchange of information on existing and planned uses of water and related installations Settling of differences and conflicts	$\boxtimes$
	Consultations on planned measures	$\boxtimes$
	Exchange of information on best available technology	$\boxtimes$
	Participation in transboundary EIA	
	Development of river, lake or aquifer basin management or action plan	ns 🖂
	Management of shared infrastructure	$\boxtimes$
	Addressing hydromorphological alterations	$\boxtimes$
	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	$\boxtimes$
	Capacity-building	
	Any other tasks (please list): [fill in]	
(h)	What are the main difficulties and challenges that your country faces voperation of the joint body or mechanism, if any?	with the
	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 regular	arly?
	Yes ⊠/No□  If yes, how frequently does it meet?	
		$\square$
	More than once per year	$\triangle$

	Once per year	
	Less than once per year	
(j)	What are the main achievements with regards to the joint body or Effective water management, common projects.  A) Adoption of common conclusions on:  - common procedures, guidelines and principles of cooperation of national and joint works on transvaters;  - accounting of implemented national and joint measures planning, implementation and operation of the measures area under Agreement such as technical issues, flood water quality protection, hydrology	eration; nsboundary ss; sures in the
	B) information exchange etc.	
(k)	Did the joint body or mechanism ever invite a non-riparian coacooperate?	stal State to
	Yes □/No ⊠	
	If yes, please give details. If no, why not, e.g. are the relevant coalso riparian States and therefore already members of the joint mechanism?	
	This agreement covers the cooperation on transboundary issu countries are landlocked countries. The cooperation of Republic with coastal states is done via multilateral agreemen	the Czech
	e joint objectives, a common strategy, a joint or coordinated manage on plan been agreed for basin, sub-basin, part of a basin or group of b	
Yes	⊠/No□	
If ye	s, please provide further details: [fill in]	
Join	t strategies, development programs.	
prot	is the transboundary basin, sub-basin, part of a basin or ground ected, including the protection of ecosystems, in the context of sus- onal water use?	
_	ulation of urbanization, deforestation, and sand and el extraction.	$\boxtimes$
	ironmental flow norms, including consideration of levels and onality	$\boxtimes$
	er quality protection, e.g. nitrates, pesticides, faecal coliforms, vy metals	$\boxtimes$
Wat	er-related species and habitats protection	$\boxtimes$
Othe	er measures (please describe): [fill in]	
(a) State	Does your country regularly exchange information and data with ones in the basin, sub-basin, part of a basin or group of basins?	ther riparian
Yes	⊠/No □	
(b)	If yes, how often:	
	More than once per year	$\boxtimes$
	Once per year	

4.

5.

6.

	Less than once per year	
(c)	Please describe how information is exchanged (e.g. in connection wit of joint bodies): [fill in]	h meeting
	The information shall be exchange at meetings of the working gr	oups.
(d)	If yes, on what subjects are information and data exchanged?	
	Environmental conditions	$\boxtimes$
	Research activities and application of best available techniques	
	Emission monitoring data	$\boxtimes$
	Planned measures taken to prevent, control or reduce transboundary impacts	
	Point source pollution sources	$\boxtimes$
	Diffuse pollution sources	$\boxtimes$
	Existing hydromorphological alterations (dams, etc.)	$\boxtimes$
	Flows or water levels (including groundwater levels)	$\boxtimes$
	Water abstractions	$\boxtimes$
	Climatological information	
	Future planned measures with transboundary impacts, such as infrastructure development	$\boxtimes$
	Other subjects (please list): [fill in]	
	Other comments, e.g. spatial coverage of data and information exchange	ange: [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 ap	plicable?
Freque	ency of exchanges	
Timing	g of exchanges	
Compa	arability of data and information	
Limite	ed spatial coverage	
Inadeo	quate resources (technical and/or financial)	
Other	(please describe): [fill in]	
Additi	onal comments: [fill in] No difficulties related to data exchange oc	cur.
(h) basin o	What are the main benefits of data exchange on the basin, sub-basin or group of basins? ( <i>please describe</i> ):	, part of a
	al awareness, better data consolidation, alignment of methoes, usability for planning, knowledge of data eg. on available bities.	

Yes	⊠/No □			
(a)	If yes, what does the joint monitoring	g cover?		
	<u> </u>	Hydrological	Ecological	Chemi
Borde	r surface waters	$\boxtimes$	$\boxtimes$	$\boxtimes$
Surfac	e waters in the entire basin			
Surfac waterc	e waters on the main			
Surfac	e waters in part of the basin			
	please describe [fill in]			
	ooundary aquifer(s) (connected onnected)			
riparia	er(s) in the territory of one in hydraulically connected to a oundary river or lake			
(b)	If joint monitoring is carried out, ho	w is this done?		
	National monitoring stations connector common stations	eted through a network	ζ	
	Please describe [fill in]			
	Joint and agreed methodologies			
	Please describe [fill in]			
	Joint sampling			$\boxtimes$
	Please describe: Joint sampling is for the year. The work plan sets d			rk plan
	Common monitoring network			$\boxtimes$
	Please describe: Common monito results joint sampling and group's		ng according	g to the
	Common agreed parameters			$\boxtimes$
	Please describe: Common agreed pwork plan for the year.	parameters is based o	on the work ş	group's
(c)	Please describe the main achieveme	nts regarding joint mo	onitoring, if a	ny:
	Availability of monitoring results.			
(d)	Please describe any difficulties expe Differences in National methodolo	•	nitoring:	
	the riparian States carry out joint asson, part of basin or group of basin?	essment of the transb	oundary basi	in, sub-
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.

	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 Directive.	y Standards		
10.	What are the measures implemented to prevent or limit the transboundary im accidental pollution?	pact of		
	Notification and communication	$\boxtimes$		
	Coordinated or joint alarm system for accidental water pollution	$\boxtimes$		
	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 im extreme weather events and climate change?	pact of		
	Notification and communication	$\boxtimes$		
	Coordinated or joint alarm system for floods	$\boxtimes$		
	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 managin the basin, sub-basin, part of basin or group of basins?	gement		
	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	$\bowtie$		

Stakeholders have a decision-making role in the joint body	
If yes, please specify the stakeholders for each the joint body or mechan	uism: [fill in]
Intergovernmental organizations	
Private sectors organizations or associations	
Water user groups or associations	
Academic or research institutions	$\boxtimes$
Other non-governmental organizations	
General public	
Other (please specify): [fill in]	
Availability of information to the public	$\boxtimes$
Consultation on planned measures or river basin management plans <sup>29</sup>	$\boxtimes$
Public involvement	
Other (please specify): [fill in]	
Please remember to complete section II for each of the transboundary rivers, lakes or aquifers. Please also remember to attach copies of agree if any.	· ·

<sup>&</sup>lt;sup>29</sup> 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 [	<b>⊠/No</b> [			
		If yes, please briefly describe the main national laws, policies, action plans and strategies Water Act No. 254/2001Coll.		
(b) Does your country's legislation provide for the following principles?			ation provide for the following principles?	
		Precautionary principle	Yes ⊠/No □	
		Polluter pays principle	Yes ⊠/No □	
		Sustainable development	Yes ⊠/No □	
		User pays principle	Yes ⊠/No □	
polluter-pay principles are internal part of excise duties and environmental taxes and These principles in taxesalso strongly influent the intention of businesess to develope i sustainable way and have aslo precautionary effects. THese efects 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,				
Yes D	energ ]/No [	y, municipal, wastewater ma	ingerient of other sectors).	
	_	nich sectors?		
<i>-</i> J	Indus			
	Minir	•		
	Energy		<u> </u>	
	Muni	•	 	
		tock raising	  X	
		culture		
	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 l	ist):	

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  $<1~\mu g/Nm3~Hg$ .

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	$\boxtimes$	
	Monitoring of physical and chemical impacts on water		
	Monitoring of ecological impacts on water		
	Conditions on permits	$\boxtimes$	
	Inspectorate	$\boxtimes$	
	Other means (please list): [fill in]		
	If your country does not have a discharge monitoring system, please explain why or provide information if there are plans to introduce a discharge monitoring syste [fill in]  (e) What are the main measures which your country takes to reduce diffuse sour of water pollution on transboundary waters (e.g., from agriculture, transport, forest or aquaculture)? The measures listed below relate to agriculture, but other sectors in be more significant. Please be sure to include these under "others":		
	Legislative measures		
	Norm for uses of fertilizers	$\boxtimes$	
	Norms for uses of manure	$\boxtimes$	
	Permitting system	$\boxtimes$	
	Bans on or norms for use of pesticides		
	Others (please list): [fill in]		
	Economic and financial measures		
	Monetary incentives		
	Environmental taxes (such as fertilizer taxes)		
	Others (please list): [fill in]		
	Agricultural extension services		
	Technical measures		
	Source control measures		
	Crop rotation		

	If not,	do other measures provide for transboundary EIA? [fill in]	
	proced	please briefly describe the legislative basis, and any related implementations. CZ is a party to Espoo Convention. Pleas/www.uneceorg/?id=41378 for more detailed information.	_
Yes 🔀	]/No [		
2.	Do your national laws require transboundary environmental impact assessment (EIA)?		
contro	l of dis	e briefly describe the most important measures: Protection zones, Procharge into groundwater, system of control of groundwater abstraction	
		_	ocess of
Yes N	ground ∐/No [	dwaters? □	
	(h)	Does your country take specific measures to prevent the pollu	tion of
If yes,	please	describe how: Covered in River Basin Management Plan	
Yes 🔀	]/No [		
	(g)	Does your country apply the ecosystems approach?	
		Other means (please list)	
		Demand management activities	$\boxtimes$
		Advanced irrigation techniques	
		Water-saving technologies	$\boxtimes$
		Water allocation priorities are listed	
		Water rights are defined	$\boxtimes$
		Monitoring and control of abstractions	$\boxtimes$
		A regulatory system regarding water abstraction	$\boxtimes$
		e tick as appropriate (not all might be relevant)	
	(f) resour	What are the main measures which your country takes to enhance ces allocation and use efficiency?	e water
		If yes, please list: [fill in]	
		Other types of measures	
		Others (please list): [fill in]	
		Chemical measures	
		Sedimentation traps	
		Wetland reconstruction	
		Buffer/filter strips	$\boxtimes$
		Other measures	
		Others (please list): [fill in]	
		Winter cover crops	
		Tillage control	

## IV. Final questions

1.	What are the main challenges your country faces in cooperating on transbouwaters?		
	Differences between national administrative and legal frameworks	$\boxtimes$	
	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	J		
2.	What have been the main achievements in-cooperating on transboundary waters?			
	Improved water management	$\boxtimes$		
	Enhanced regional integration, i.e. beyond water	$\boxtimes$		
	Adoption of cooperative arrangements	$\boxtimes$		
	Adoption of joint plans and programmes	$\boxtimes$		
	Long-lasting and sustained cooperation	$\boxtimes$		
	Financial support for joint activities	$\boxtimes$		
	Stronger political will for transboundary water cooperation			
	Better knowledge and understanding	$\boxtimes$		
	Dispute avoidance	$\boxtimes$		
	Stakeholder engagement	$\boxtimes$		
	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	$\boxtimes$		
	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]			
with :	ase briefly describe the process by which the questionnaire was completed: some riparian states and experts on the ground occurred during the property.			

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

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

Date: 17. June 2020

Signature: Luch

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