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: Austria

I. Calculation of Sustainable Development Goal indicator 6.5.2

Methodology

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

Calculation of indicator 6.5.2

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

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

- (f) The surface area of the basin within the territory of your country which is covered by a cooperation arrangement that is operational according to the above criteria.
- 8. In case an operational arrangement is in place only for a sub-basin or a portion of a basin, please list this sub-basin just after the transboundary basin it is part of. In case there is an operational arrangement for the whole basin, do not list sub-basins in the table below.

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

Name of transboundary river or lake basin/sub-basin	It is a basin or a sub-basin? ^b	Countries shared with		Map and/or GIS shapefile provided (yes/no)	Covered by an arrangement (entirely, partly, no) (Ref. to questions in sect. II)	Criterion I 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	basin	Albania ^c , Bosnia- Herzegovina, Bulgaria, Croatia, Czech Republic, Germany, Hungary, Italy, Macedonia, Moldova, Montenegro, Poland, Romania, Serbia, Slovak Republic, Slovenia, Switzerland, Ukraine	80.565	no	entirely	yes	yes	yes	yes	80.565
Rhine	basin	Belgium (Wallonia) France, Germany, Italy,	2.366	no	entirely	yes	yes	yes	yes	2.366

^b List sub-basins after the basin they belong to. ^c No party to ICPDR

	It is a basin or a sub-basin? ^b	Countries shared with	the territory of the	Map and/or GIS shapefile provided (yes/no)	Covered by an arrangement (entirely, partly, no) (Ref. to questions in sect. II)	Criterion I 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
		Lichtenstein, Luxembourg, the Netherlands, Switzerland								
Elbe	basin	Czech Republic, Germany, Poland	920	no	entirely	yes	yes	yes	yes	920
(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)									83.851	
(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)			83.851							

6

Table 2
Transboundary aquifers (please add rows as needed)

Name of the transboundary aquifer	Countries shared with	km²) within	Map and/ or GIS shapefile provided (yes/no)	Covered by an aquifer specific arrangement (entirely, partly, no) (Ref. to questions in sect. II)	1	applied (yes/no) (Ref. to questions in	applied (yes/no) (Ref. to questions in	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 opera- tional arrange- ment within the territory country
GK 100018 Heideboden	Slovakia, Hungary	113	yes	no	entirely	yes	yes	yes	yes	113
GK 100021 Parndorfer Platte	Hungary	254	yes	no	entirely	yes	yes	yes	yes	254
GK 100081 Wulkatal	Hungary	381	yes	no	entirely	yes	yes	yes	yes	381
GK 100127 Günstal	Hungary	17	yes	no	entirely	yes	yes	yes	yes	17
GK 100128 Ikvatal	Hungary	165	yes	no	entirely	yes	yes	yes	yes	165
GK 100129 Lafnitztal	Hungary	96	yes	no	entirely	yes	yes	yes	yes	96
GK 100130 Pinkatal	Hungary	81	yes	no	entirely	yes	yes	yes	yes	81
GK 100131 Raabtal	Hungary	114	yes	no	entirely	yes	yes	yes	yes	114

^d 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.

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

Name of the transboundary aquifer	Countries shared with	Surface area of the aquifer ^d (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 (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
GK 100132 Rabnitztal	Hungary	40	yes	no	entirely	yes	yes	yes	yes	40
GK 100134 Seewinkel	Hungary	412	yes	no	entirely	yes	yes	yes	yes	412
GK 100136 Stremtal	Hungary	51	yes	no	entirely	yes	yes	yes	yes	51
GK 100139 Günser Gebirge Umland	Hungary	147	yes	no	entirely	yes	yes	yes	yes	147
GK 100146 Hügelland Rabnitz	Hungary	431	yes	no	entirely	yes	yes	yes	yes	431
GK 100158 TGWK Thermalgrundwasser	Germany	1.650	yes	no	entirely	yes	yes	yes	yes	1.650
GK100162 TGWK Donau Ost - Heideboden	Hungary	72	yes	no	entirely	yes	yes	yes	yes	72
GK 100168 TGWK Steirisches u. Pannonisches Becken	Hungary	2.870	yes	no	entirely	yes	yes	yes	yes	2.870
GK 100181 Hügelland Raab Ost	Hungary	1.091	yes	no	entirely	yes	yes	yes	yes	1.091
GK 100187 Hügelland Raab West	Hungary, Slovenia	1.352	yes	no	entirely	yes	yes	yes	yes	1.352

Name of the transboundary aquifer	Countries shared with	km²) within	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 aquifere (entirely, partly, no) (Ref. to questions in sect. II)	Criterion I 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
GK 100193 TGWK Rabnitzeinzugsgebiet	Hungary	1.885	yes	no	entirely	yes	yes	yes	yes	1.885
GK 100194 Karawanken	Slovenia	217	yes	no	entirely	yes	yes	yes	yes	217
(C) Sub-total: surface area of transboundary aquifers covered by operational arrangements (in km²)				1		1		1		11.439
(D) Total surface area of transboundary aquifers (in km²)		11.439								

Indicator value for the country

Surface waters:

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

$$A/B \times 100 = 83.851/83.851 \times 100 = 100\%$$

Aquifers:

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

$$C/D \times 100 = 11.439/11.439 \times 100 = 100\%$$

Sustainable Development Goal indicator 6.5.2:

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

$$((A + C)/(B + D)) \times 100 = (83.851 + 11.439)/(83.851 + 11.439) = 100\%$$

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.

All information about groundwater bodies is available online:

https://maps.wisa.bmlrt.gv.at/gewaesserbewirtschaftungsplan-2015#

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):

Multilateral agreements:

- The Convention on Co-operation for the Protection and Sustainable Use of the River Danube (Danube River Protection Convention)¹
- Convention on the Protection of the Rhine²
- Convention on the International Commission for the Protection of the River Elbe³
- Agreement for the protection⁴ and use⁵ of the Lake Constance

Bilateral agreements:

- Agreement between Republic of Austria and Federal Republic of Germany based on Treaty of Regensburg⁶
- Agreements between Republic of Austria and Czech Republic as well as between Austria and Slovak Republic⁷
- Agreement between Republic of Austria and Republic of Hungary⁸
- Agreement between Republic of Austria and Republic of Slovenia for the River Mur⁹ and the River Drau¹⁰
- Agreement between the Republic of Austria and Suisse Confederation on regulation of River Rhine¹¹ and the use of the river Inn¹²
- Agreement between the Republic of Austria and Principality of Liechtenstein on the regulation of the River Rhine¹³

¹ BGBl. III Nr. 139/1998

² http://www.iksr.org/index.php?id=156&ignoreMobile=1

³ http://www.ikse-mkol.org/index.php?id=35

⁴ BGBl. Nr. 289/1961

⁵ BGBl. Nr. 396/1967

⁶ BGBl. Nr. 17/1991

⁷ BGBl. Nr. 106/1970 idF BGBl. III Nr. 123/1997 (Ziffer 14)

⁸ BGBl. Nr. 225/1959

⁹ BGBl. Nr. 119/1956 idF BGBl. Nr. 714/1993 (Ziffer 10, lit b 1.)

¹⁰ Regierungsübereinkommen vom 25.5.1954 zwischen Österreich und Jugoslawien über wasserwirtschaftliche Fragen an der Drau idF BGBl. Nr. 715/1993 (Ziffer 1 auf Seite 6039)

¹¹ BGBl. Nr. 178/1955

¹² BGBl. III Nr. 99/2008

¹³ BGBl. Nr.333/1931

II.	Questions for each transboundary basin, sub-basin, part of a basin, or group of basins (river, lake or aquifer)							
	Bilate	eral Commission Austria-Slovakia						
	Name	e of the transboundary basin,-sub-basin, part of a basin or group of basin	s:					
	Danube river basin, Morava river basin							
	List o	f the riparian States: Austria, Slovakia						
	In the case of an aquifer, what is the nature of the aquifer and its relation with the riv or lake basin:							
	Unco	nfined aquifer connected to a river or lake						
	Unco	nfined aquifer with no or limited relation with surface water						
	Confi	ned aquifer connected to surface water						
	Confi	ned aquifer with no or limited relation with surface water						
	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: 59,2%	basin or					
	1. Is there one or more transboundary (bilateral or multilateral) agreem 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)						
		1970 Treaty between the Czechoslovak Socialist Republic and the Republic on Water Management Issues on Transboundary Waters	of Austria					
		Agreement or arrangement is under development						
		No agreement or arrangement						
		If there is no agreement or arrangement or it is not in force, please explaintly why not and provide information on any plans to address the situation: [fill						
	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.							
		tions 2 and 3 to be completed for each bilateral or multilateral agree agement in force in the transboundary basin, sub-basin, part of a basin of sins.						
	2.	(a) Does this agreement or arrangement specify the area subject to coope	eration?					
		Yes ⊠/No □						

If yes, do	ses it cover the entire basin or group of basins and all riparian States	?
Yes \[\]/N	√o ⊠	
Addition	al explanations?	
Republic	ed in Treaty between Czechoslovak Socialistic Republic and on adjustment of water management questions on boundary waters are:	
	sections of flows through which state borders run between Con States, waters intersecting the state border and waters adjacent to border, if the water management measures implemented in the of one Contracting State would significantly negatively affect t conditions in the territory of the other Contracting State. ly all bilateral relevant issues within the Austrian and Slovak subcate be addressed.	the state territory he water
Or, if the basin?	agreement or arrangement relates to a sub-basin, does it cover the en	tire sub-
Yes \[\]/\	√o ⊠	
Addition	al explanations? [fill in]	
Which S (Please li	tates (including your own) are bound by the agreement or arran ist):	gement?
Austria, S	Slovakia	
	the agreement or arrangement relates to a river or lake basin or su so cover aquifers?	ıb-basin,
Yes \[\]/\	√o ⊠	
If yes, plo	ease list the aquifers covered by the agreement or arrangement:	
There are	e no aquifers covered by the agreement, but the voluntary exchange	exists.
(c) W	That is the sectoral scope of the agreement or arrangement?	
A	ll water uses	\boxtimes
A	single water use or sector	
Se	everal water uses or sectors	
If one or	several water uses or sectors, please list	
Fishery a excluded	and energy business hydro-electric power utilization – power gene	ration is
Water us	ses or sectors	
In	dustry	\boxtimes
A	griculture	\boxtimes
Tı	ransport (e.g., navigation)	\boxtimes
Н	ouseholds	
Eı	nergy: hydropower and other energy types	\boxtimes

Fisheries	
Tourism	
Nature protection	
Other (please list): [fill in]	
(d) What topics or subjects of cooperation are included in the arrangement?	e agreement or
Procedural and institutional issues	
Dispute and conflict prevention and resolution	
Institutional cooperation (joint bodies)	\boxtimes
Consultation on planned measures	\boxtimes
Mutual assistance	\boxtimes
Topics of cooperation	
Joint vision and management objectives	
Joint significant water management issues	
Navigation	
Human health	
Environmental protection (ecosystem)	
Water quality	
Water quantity or allocation	
Cooperation in addressing floods	
Cooperation in addressing droughts	
Climate change adaptation	\boxtimes
Monitoring and exchange	
Joint assessments	
Data collection and exchange	\boxtimes
Joint monitoring	\boxtimes
Maintenance of joint pollution inventories	
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 bas management or action plans	sin
Management of shared infrastructure	

		Development of shared infrastructure								
		Other (please list):								
		coordination of national WFD planning								
	(e) agreen	What are the main difficulties and challenges that your country faces with the ement or arrangement and its implementation, if any?								
		Aligning implementation of agreement or arrangement with national laws, policies and programmes								
		Aligning implementation of agreement or arrangement with regional laws, policies and programmes								
		Lack of financial resources								
		Insufficient human capacity								
		Insufficient technical capacity								
		Tense diplomatic relations								
		Non-participation of certain riparian countries in the agreement								
		No significant difficulties	\boxtimes							
		Other (please describe): [fill in]								
	(f) arrang	What are the main achievements in implementing the agreement and what were the keys to achieving such success?	nent or							
	Appro	ved methodologies, principles of cooperation, guidelines and directives	:							
		 Guidelines for the design and technical and financial control of management measures at the Slovak-Austrian boundary waters. List of representative unit prices; 	;							
		 Principles for the provision of motor boats for common measure Guideline for reporting and warning service on Slovak-Austrian waters; 								
		 Common methodology for water status monitoring in the Austrian boundary waters; Common methodology for hydrometeorology on the Slovak-A 								
	(g) addres	boundary waters. Please attach a copy of the agreement or arrangement or provide to so of the document (please attach document or insert web add)	he web							
	-	/www.ris.bka.gv.at/GeltendeFassung.wxe?Abfrage=Bundesnormen&Ger=10010343	esetzes							
3.	-	er country a member of any joint body or mechanism for this agreement?	nent or							
Yes 🔀	/No [
If no, 1	why noi	t? (please explain): [fill in]								
Wher	e 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)?

3.

		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 lanism? (Please list): Austria, Slovakia	body or
	(d) mecha	Are there any riparian States that are not members of the joint anism? (please list): [fill in]	body or
	(e) the join	If not all riparian States are members of the joint body or mechanism h int body or mechanism cooperate with them?	ow does
		No cooperation	
		They have observer status	
		Other (please describe):	
		own bilateral agreements; cooperation under the umbrella of ICPDR, meetings between Austria, the Czech Republic and Slovakia	trilateral
	(f) tick th	Does the joint body or mechanism have any of the following features are ones applicable)?	(please
		A secretariat	
		If the secretariat is a permanent one, is it a joint secreta does each country host its own secretariat? (Please describe): [fill in]	
		A subsidiary body or bodies	\boxtimes
		Please list (e.g., working groups on specific topics):	
		 Working Group for Technical, Financial and Navigation Issues Working Group for Quality of Border Waters; Working Group for Hydrology; Working Group for Legal Affairs; Working Group for International issues, Ecology and Flood Promotion Working Subgroup of experts for the harmonization of the Slove Basin Management Plan and the Austrian National Water Manaplan in the Area of Boundary Waters Working Subgroup for monitoring Other features (please list): [fill in] 	otection; ak River
	(g)	What are the tasks and activities of this joint body or mechanism? ¹⁴	

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.

Identification of pollution sources	
Data collection and exchange	\boxtimes
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	\boxtimes
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	\boxtimes
Settling of differences and conflicts	
Consultations on planned measures	
Exchange of information on best available technology	
Participation in transboundary EIA	
Development of river, lake or aquifer basin management or action plans	\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	\boxtimes
Joint resources to support transboundary cooperation	\boxtimes
Capacity-building	
Any other tasks (please list):	
National river basin management plans are coordinated using the jo	int bodie
Water management questions and measures related to:	
• river regime changes;	

- water course regulation;
- dams against high-water construction;
- protection against high-water and ice run;
- meliorations;

- water supply; keeping of water quality; utilization of water energy; bridges and ferries as well as navigation matters; maintenance of navigability and marking of waterway; removing barriers to navigation and navigation reporting. What are the main difficulties and challenges that your country faces with the operation of the joint body or mechanism, if any? Governance issues Please describe, if any: [fill in] Unexpected planning delays Please describe, if any: [fill in] Lack of resources Please describe, if true: [fill in] Lack of mechanism for implementing measures Please describe, if true: [fill in] Lack of effective measures Please describe, if true: [fill in] Unexpected extreme events Please describe, if any: [fill in] Lack of information and reliable forecasts Please describe, if any: [fill in] Others (please list and describe, as appropriate): [fill in] (i) Does the joint body or mechanism, or its subsidiary bodies meet regularly? Yes ⊠/No□ If yes, how frequently does it meet? \boxtimes More than once per year П Once per year Less than once per year (j) What are the main achievements with regards to the joint body or mechanism? A) Adoption of common conclusions on: common procedures, guidelines and principles of cooperation;
- - implementation of national and joint works on transboundary waters;
 - accounting of implemented national and joint measures;
 - planning, implementation and operation of the measures in the area under Treaty such as technical issues, flood protection, water quality protection, hydrology
- B) information exchange

	(k) Did tl cooperate?	he joint body or mechanism ever invite a non-riparian coastal	State to
Yes []/No ⊠		
		e give details. If no, why not, e.g. are the relevant coastal St es and therefore already members of the joint body or mechani.	
	Both countrie	es are landlock countries with no coastal states involved	
4.	•	ojectives, a common strategy, a joint or coordinated management agreed for the basin, sub-basin, part of a basin or group of b	-
Yes 🛭	☑/No□		
If yes,	please provid	le further details:	
and Floor exp	lood Risk Man perts for the	nformation on the preparation of national River Basin Managem nagement Plans through the relevant Working group - Working S harmonization of the Slovak River Basin Management Plan Water Management Plan in the Area of Boundary Waters	Subgroup
5.		transboundary basin,-sub-basin, part of a basins or group of cluding the protection of ecosystems, in the context of sustain or use?	
	Regulation o gravel extrac	f urbanization, deforestation, and sand and stion.	\boxtimes
	Environment seasonality	tal flow norms, including consideration of levels and	
	Water quality heavy metals	y protection, e.g. nitrates, pesticides, faecal coliforms,	\boxtimes
	Water-related	d species and habitats protection	\boxtimes
	Other measu	res (please describe):	
		eral Treaty between Czechoslovak Socialistic Republic and adjustment of water management questions on boundary waters	
6.		your country regularly exchange information and data with other basin, sub-basin, part of a basin or group of basins?	r riparian
Yes 🛭	☑/No □		
	(b) If yes	, how often:	
	More	than once per year	\boxtimes
	Once	per year	
	Less t	han once per year	
	(c) Please meetings of j	e describe how information is exchanged (e.g. in connect joint bodies):	ion with
	•	annual session of Joint bilateral Slovak-Austrian Commis transboundary waters extraordinary meeting - Plenipotentiaries of Joint bilateral Austrian Commission for transboundary waters	
	•	mail form communication of Plenipotentiaries of Joint bilatera Austrian Commission for transboundary waters	l Slovak-

- operational communication (phone, e-mail) of Plenipotentiaries of Joint bilateral Slovak-Austrian Commission for transboundary waters
- meeting of secretaries of Joint bilateral Slovak-Austrian Commission for transboundary waters
- meetings of working groups under the bilateral agreement (usually two times per year)
- operational communication (phone, mail, e-mail) of Heads of relevant working groups established in the frame of Joint bilateral Slovak-Austrian Commission for transboundary waters
- operational exchange information by joint principles and procedures of n

	(d)	cooperation adopted in the area under bilateral Treaty by Czechoslovak Socialistic Republic and Austrian Republic adjustment of water management questions on boundary waters to transboundary waters If yes, on what subjects are information and data exchanged?	olic on
		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	\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):	
		Within bilateral Treaty between Czechoslovak Socialistic Repub Austrian Republic on adjustment of water management questions on bowaters and other relevant adopted documents	
		Other comments, e.g. spatial coverage of data and information exchan	ge:
		spatial data (data and maps): https://www.danubegis.org/	
	(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 appl	icable?
	Freque	ency of exchanges	

	Timin	g of exchanges			
	Comp	arability of data and information			
	Limite	ed spatial coverage			
	Inadequate resources (technical and/or financial)				
	Other	(please describe): [fill in]			
	Addit	ional comments: [fill in]			
	(h) basin	What are the main benefits of data e or group of basins? (please describe):	_	basin, sub-b	asin, part of a
7.		 Better consolidation and come usability for planning, knowled riparian States carry out joint monitor of a basin or group of basins? 	edge on availab	le resources	capacities
Yes 🔀	/No [
	(a)	If yes, what does the joint monitoring	g cover?		
			Hydrological	Ecological	Chemical
Borde	r surfac	ce waters	\boxtimes	\boxtimes	\boxtimes
Surfac	e wate	rs in the entire basin			
Surfac watero		rs on the main			
Surfac	e wate	rs in part of the basin			
	please	describe [fill in]			
	ounda onnect	ry aquifer(s) (connected ed)			
riparia	ın hydr	the territory of one aulically connected to a y river or lake			
	(b)	If joint monitoring is carried out, how	w is this done?		
		National monitoring stations connect or common stations	ted through a n	etwork	
		Please describe: There are no joint s stations at its territory. However, measurements in agreed profiles.			
		Joint and agreed methodologies			
		Please describe: There are no join countries are obliged to follow the E			
		Joint sampling			
		Please describe: Exchange of monitor	oring results or	ı regular basi	s.
		Common monitoring network			

		Please describe: [fill in]	
		Common agreed parameters	\boxtimes
		Please describe: joint Principles and Rules adopted under bilatera between Czechoslovak Socialistic Republic and Austrian Republications of water management questions on boundary waters imply Group OV	ublic on
	(c)	Please describe the main achievements regarding joint monitoring, if	any:
		inuous reporting and information exchange. As a result of the matial contaminations can be detected in time for intervention.	onitoring
	(d)	Please describe any difficulties experienced with joint monitoring:	
	diffe	rences in National methodologies and standards	
8.		he riparian States carry out joint assessment of the transboundary ba a, part of a basin or group of basins?	sin, sub-
Yes [⊠/No		
	(e.g.,	s, please provide the date of the last or only assessment, the frequency a surface waters or groundwaters only, pollution sources, etc.) of the ass assessment methodology applied:	-
	data,	ng the regular meeting of the sub-committees twice a year Scope: hyd discharge, flow, surface water quality, data regarding flood, excess water management	
9.	Have	the riparian States agreed to use joint water quality standards?	
Yes [⊠/No		
		s, what standards have been applied, e.g. international or regional s se specify which), or have national standards of the riparian Sta ied?	
	acco	rding to the Water Framework Directive	
10.		t are the measures implemented to prevent or limit the transboundary idental pollution?	mpact 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]	n putting
11.		t are the measures implemented to prevent or limit the transboundary i me weather events and climate change?	mpact 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 fa in place such measures?: [fill in]	ce in putting
12. Are procedures in place for mutual assistance in case of a critical situation	tion?
Yes ⊠/No □	
If yes, please provide a brief summary:	
In case of emergency, the parties provide immediate assistance to each other joint Principles, Procedures and Rules of relevant working groups cooperation	
13. Are the public or relevant stakeholders involved in transboundary water in the basin, sub-basin, part of a basin or group of basins?	r management
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	\boxtimes
Academic or research institutions	\boxtimes
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 ¹⁵	
Public involvement	
Other (please specify):	
o Public participation EU- WFD and EU FD	
o stakeholder involvement through ICPDR	

 $^{^{15}\,}$ Or, where applicable, aquifer management plans.

Bilateral Commission Austria-Czech Republic

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

Vltav	va/Mol	dau River Basin and Morava/March River Basin	
List o	of the ri	iparian States:	
Aust	ria, Cz	ech Republic	
	e case (ke basi	of an aquifer, what is the nature of the aquifer and its relation with in:	the river
Unco	nfined	aquifer connected to a river or lake	
Unco	nfined	aquifer with no or limited relation with surface water	
Conf	ined aq	uifer connected to surface water	
Conf	ined aq	uifer with no or limited relation with surface water	
Othe	r		
Pleas	e descr	ribe: [fill in]	
Unkn	iown		
		of your country's territory within the basin, sub-basin, part of a sins: 3.8%	basin or
1.		here one or more transboundary (bilateral or multilateral) agreem gement(s) on this basin, sub-basin, part of a basin or group of basins?	nent(s) or
	One o	or more agreements or arrangements exist and are in force	\boxtimes
	Agre	ement or arrangement developed but not in force	
	Agre	ement or arrangement developed, but not in force for all riparians	
	Pleas	se insert the name of the agreement(s) or arrangement(s)	
		Treaty between the Czechoslovak Socialist Republic and the Republic Vater Management Issues on Transboundary Waters	of Austria
	Agre	ement or arrangement is under development	
	No aş	greement or arrangement	
	v	ere is no agreement or arrangement or it is not in force, please explo not and provide information on any plans to address the situation: [fill	
trans ques	sbound tion 4;	no agreement or arrangement and no joint body or mechanism lary basin, sub-basin, part of a basin or group of basins then if there is no agreement or arrangement, but a joint body or magnestion 3.	jump to
	ngemei	2 and 3 to be completed for each bilateral or multilateral agrent in force in the transboundary basin, sub-basin, part of a basin	
2.	(a)	Does this agreement or arrangement specify the area subject to coop	eration?
	Yes [/No ⊠	
	If yes	s, does it cover the entire basin or group of basins and all riparian State	es?
	Yes [/No ⊠	

Additional explanations?

This treaty covers issues of water management and measures at border waters as are:

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

within the Austrian and Czech subcatch

area of Vltava/Moldau, Lužnice/Lainsitz, Dyje/Thaya and Morava/March can b addressed.				
Or, if the agreement or arrangement relates to a sub-basin, does it cover the ent- basin?				er the entire sub-
Yes []/No 🗌			
Additi	onal explanations?	[fill in]		
Which States (including your own) are bound by the agreement or arrangem (<i>Please list</i>): Austria, Czech Republic				or arrangement?
(b) If the agreement or arrangement relates to a river or lake basin or sub-basin, does it also cover aquifers?				
Yes 🛭]/No 🗌			
If yes,	please list the aqui	fers covered by t	he agreement or arrangeme	ent:
Aquif	ers in the Vltava riv	er basin and Moi	ava river basin	
Austri part o		Groundwater bo	ody	Area covered [km²]
Vltava basin	ı river	GK100079 Masse [Elbe]	Böhmische	920,17
Morav river b	==	GK100094 Masse [March]	Böhmische	1366,80
		GK100095 [March]	Weinviertel	2008
(c)	What is the sectora	al scope of the ag	reement or arrangement?	
` /	All water uses	1 0		
	A single water use	or sector		
	Several water uses	or sectors		
	or several water use r utilization – powe		use list: (fishery and energy excluded)	business hydro-
Water	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) arran	What topics or subjects of cooperation are included in the agreement?	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	
	Navigation	
	Human health	
	Environmental protection (ecosystem)	
	Water quality	
	Water quantity or allocation	
	Cooperation in addressing floods	
	Cooperation in addressing droughts	
	Climate change adaptation	
	Monitoring and exchange	
	Joint assessments	\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	\boxtimes
		Development of shared infrastructure	\boxtimes
		Other (please list):	
		coordination of national WFD planning	
	(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]	
	(f) arrang	What are the main achievements in implementing the agreement and what were the keys to achieving such success?	nent or
		term cooperation and communication, exchange of information ences, common activities at different levels, political commitment	on and
	(g) addres	Please attach a copy of the agreement or arrangement or provide as of the document (please attach document or insert web additable):	
		//www.ris.bka.gv.at/GeltendeFassung.wxe?Abfrage=Bundesnormen&Color=10010343	esetzes
	-	www.mzp.cz/C1257458002F0DC7/cz/rakousko_dokument/\$FILE/OOva_HV_Rak-20131003.pdf	V-
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 med etick one)?	chanism
		Plenipotentiaries	
		Bilateral commission	\boxtimes
		Basin or similar commission	

3.

		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?	in, sub-
Yes 🛭	/No [
	(c) mecha	Which States (including your own) are members of the joint banism? (Please list):	ody or
	Austri	a, Czech Republic	
	(d) mecha	Are there any riparian States that are not members of the joint lanism? (please list):	oody or
	Sloval	kia	
	(e) the joi	If not all riparian States are members of the joint body or mechanism hont body or mechanism cooperate with them?	ow does
		No cooperation	
		They have observer status	
		Other (please describe):	
		Trilateral meetings between Austria, the Czech Republic and Slovakia	
	(f) tick th	Does the joint body or mechanism have any of the following features <i>e ones applicable</i>)?	(please
		A secretariat	
		If the secretariat is a permanent one, is it a joint secreta does each country host its own secretariat? (Please describe): [fill in]	
		A subsidiary body or bodies	\boxtimes
		Please list (e.g., working groups on specific topics):	
		2 Sub-commissions dealing with particular topics of cooperation, experand in case of need the ad hoc working groups can be created	rt group
		Other features (please list): [fill in]	
	(g)	What are the tasks and activities of this joint body or mechanism? ¹⁶	
		Identification of pollution sources	
		Data collection and exchange	\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

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.

	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	\boxtimes
	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	\boxtimes
	Any other tasks (please list):	
	National river basin management plans are coordinated using the joint	bodies
(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 🛭]/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 mech	nanism?
	effecti	ve water management, common projects	
	(k) coope	Did the joint body or mechanism ever invite a non-riparian coastal rate?	State to
Yes []/No [>		
		please give details. If no, why not, e.g. are the relevant coastal Sta an States and therefore already members of the joint body or mechanis.	
		greement covers the cooperation on transboundary issues and both councked countries. The cooperation with coastal states is done via mulnents.	
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 basin or group of basin.	
Yes 🛭	/No]	
If yes,	please	provide further details:	
	al agre	strategies, development programs. Objectives and strategies are re ements which are updated on a regular basis based on annual meeting mission and which are not available to public.	
5.	protec	is the transboundary basin,—sub-basin, part of a basins or group of ted, including the protection of ecosystems, in the context of sustainal al water use?	
		ation of urbanization, deforestation, and sand and extraction.	\boxtimes
	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 othe s in the basin, sub-basin, part of a basin or group of basins?	r riparian		
Yes [⊠/No [
	(b) If yes, how often:				
		More than once per year			
		Once per year			
		Less than once per year			
	(c) meeti	Please describe how information is exchanged (e.g. in connectings of joint bodies): within meetings of joint body	ion with		
	(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			
		Point source pollution sources			
		Diffuse pollution sources			
		Existing hydromorphological alterations (dams, etc.)			
		Flows or water levels (including groundwater levels)	\boxtimes		
		Water abstractions			
		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]	ange: [fill		
	(e)	Is there a shared database or information platform?			
Yes []/No [\boxtimes			
	(f)	Is the database publicly available?			
Yes []/No [\boxtimes			
If yes	, please	e provide the web address: [fill in]			
	(g)	What are the main difficulties and challenges to data exchange, if ap	plicable?		
	Frequ	nency of exchanges			
	Timii	ng of exchanges			
	Comp	parability of data and information			
	Limit	ted spatial coverage			
	Inade	equate resources (technical and/or financial)			

Addit	Additional comments: [fill in]			
(h) basin	What are the main benefits of data exchange on the basin, sub-basin, part of a in or group of basins? (please describe):			
Mutu	al awareness			
	ne riparian States carry out joint monitoring in the transboundary basin, sub-basin, of a basin or group of basins?			
Yes ⊠/No [
(a)	If yes, what does the joint monitori	ng cover?		
		Hydrological	Ecological	Chemical
Border surfa	ce waters	\boxtimes	\boxtimes	\boxtimes
Surface water	ers in the entire basin			
Surface waters on the main watercourse		\boxtimes	\boxtimes	\boxtimes
Surface waters in part of the basin				
please describe [fill in]				
Transboundary aquifer(s) (connected or unconnected)		\boxtimes		\boxtimes
Aquifer(s) in the territory of one riparian hydraulically connected to a transboundary river or lake				
(b)	If joint monitoring is carried out, ho	ow is this done?		
	National monitoring stations conne or common stations	cted through a n	etwork	\boxtimes
Please describe: specific monitoring stations of national monitoring network are used, located in border rivers				
	Joint and agreed methodologies			
	Please describe: monitoring is perf	formed based on	requirements	s of WFD
	Joint sampling			\boxtimes
	Please describe: location and frequ	ency of joint san	npling is agre	ed in bilateral
commission				∇
	Common monitoring network			
	Please describe: monitoring stations are agreed in bilateral commission			
	Common agreed parameters			
()	Please describe: parameters are agreed in bilateral commission			
	(c) Please describe the main achievements regarding joint monitoring, if any:			

Other (please describe): [fill in]

	(d)	Please describe any difficulties experienced with joint monitoring:	
	differe	nces in National methodologies and standards	
8.		e riparian States carry out joint assessment of the transboundary bas part of a basin or group of basins?	in, sub-
Yes 🔀	/No []	
	(e.g., s	please provide the date of the last or only assessment, the frequency an aurface waters or groundwaters only, pollution sources, etc.) of the asse sessment methodology applied:	_
	Regula	arly at meetings of experts and Subcommissions	
9.	Have t	he riparian States agreed to use joint water quality standards?	
Yes 🔀	/No []	
		what standards have been applied, e.g. international or regional stage specify which), or have national standards of the riparian Stated?	
	accord	ing to the Water Framework Directive	
10.		are the measures implemented to prevent or limit the transboundary in ntal 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.		are the measures implemented to prevent or limit the transboundary in the 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	\boxtimes
		Other (please list): Common regulation for accidental water pollution	
		No measures	
		If not, why not? What difficulties does your country face in in place such measures?: [fill in]	putting
12.	Are pr	ocedures in place for mutual assistance in case of a critical situation?	
Yes 🗵	/No []	
If yes,	please	provide a brief summary:	
Mutua		ance is done on the level of local authorities and firefighter brigade	s, upon

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	
	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 ¹⁷	\boxtimes
	Public involvement	\boxtimes
	Other (please specify): [fill in]	

 $^{^{17}\,}$ Or, where applicable, aquifer management plans.

Bilateral Commission Austria-Germany

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

Danu	be river	basin		
List o	f the ripa	rian States: Austria, Germany		
	e case of a	an aquifer, what is the nature of the aquifer and its rela	tion with t	he river
Unco	nfined aq	uifer connected to a river or lake		
Unco	nfined aq	uifer with no or limited relation with surface water		
Confi	ned aquit	fer connected to surface water		
Confi	ned aquit	fer with no or limited relation with surface water		
Other				
Please	e describe	e: [fill in]		
Unkn	own]	
	_	your country's territory within the basin, sub-basin, as: 21,8%	part of a l	basin or
1.		e one or more transboundary (bilateral or multilateral ment(s) on this basin, sub-basin, part of a basin or group or		ent(s) or
	One or	more agreements or arrangements exist and are in force		\boxtimes
	Agreem	nent or arrangement developed but not in force		
	Agreem	nent or arrangement developed, but not in force for all ripar	rians	
	Please i	insert the name of the agreement(s) or arrangement(s)		
		greement between Republic of Austria and the Federal Re vater resources management cooperation in the Danube Ri	-	Jermany
1994 Danube River Protection Convention (for the whole Da are two of 15 Parties of this Convention)			basin, DE	and AT
	Agreem	nent or arrangement is under development		
	No agre	eement or arrangement		
		is no agreement or arrangement or it is not in force, ple and provide information on any plans to address the situa		
trans quest	boundar	agreement or arrangement and no joint body or my basin, sub-basin, part of a basin or group of bas there is no agreement or arrangement, but a joint bostion 3.	ins then j	jump to
	gement	and 3 to be completed for each bilateral or multilate in force in the transboundary basin, sub-basin, part of		
2.	(a) l	Does this agreement or arrangement specify the area subject	ct to coope	ration?
	Yes 🔀	/No 🗌		
	If yes, c	loes it cover the entire basin or group of basins and all ripa	ırian States	?

Yes _	_/No	
Addit	ional explanations?	
	vater bodies in the Austrian and German Danube basin upstream 'nstein"	'Donau-
Or, if basin?	the agreement or arrangement relates to a sub-basin, does it cover the en	tire sub-
Yes []/No []	
	ional explanations? All water bodies in the Austrian and German lupstream "Donau-Jochenstein"	Danube
	n States (including your own) are bound by the agreement or arrang se list): Austria, Germany	gement?
(b) does i	If the agreement or arrangement relates to a river or lake basin or su t also cover aquifers?	b-basin,
Yes 🛭	☑/No □	
If yes,	, please list the aquifers covered by the agreement or arrangement: GK	100158
(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) arrang	What topics or subjects of cooperation are included in the agreement?	ment 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	\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	\boxtimes
	Data collection and exchange	\boxtimes
	Joint monitoring	\boxtimes
	Maintenance of joint pollution inventories	
	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	
	Development of international or joint river, lake or aquifer basin management or action plans	
	Management of shared infrastructure	\boxtimes
	Development of shared infrastructure	\boxtimes
	Other (please list):	
	National river basin management plans are coordinated using joint b	ody
(e) agree	What are the main difficulties and challenges that your country face ment or arrangement and its implementation, if any?	s 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 tement and what were the keys to achieving such success?	nent or
	quality throug flood i data a system countr	nain achievements have been improvement in the ecological and of of water bodies at the borders in the Danube basin. This has been a general budy of water bodies at the borders in the Danube basin. This has been a general budy budy been to reduce pollution and river restoration measures. A management has improved. Next to this, improvements include the excluding information between the parties, including a regional warning and a certain level of alignment of measures and plans in the ries. Key to this success has been close cooperation at technical level quent building of trust as well as mutual understanding among the countries.	Also, the hange of ad alarm riparian and the
	(g) addres applic	Please attach a copy of the agreement or arrangement or provide as of the document (please attach document or insert web addable):	
	-	/www.ris.bka.gv.at/GeltendeFassung.wxe?Abfrage=Bundesnormen&Cer=10010659	Gesetzes
3.	-	ar country a member of any joint body or mechanism for this agree ement?	ment or
Yes 🗵]/No [
If no, 1	why not	t? (please explain): [fill in]	
Where	e there	is a joint body or mechanism	
	(a) (please	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 lanism? (Please list): Austria, Germany	body or
	(d) mecha	Are there any riparian States that are not members of the joint inism? (please list): [fill in]	body or
	(e) the joi	If not all riparian States are members of the joint body or mechanism h nt body or mechanism cooperate with them?	ow 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 (please tick the ones applicable)? A secretariat If the secretariat is a permanent one, is it a joint secretariat or does each country host its own secretariat? (Please describe): [fill in] A subsidiary body or bodies \boxtimes Please list (e.g., working groups on specific topics): Working Group on Management and Protection of water bodies Working Group on water quantity management and hydraulic engineering Expert group on thermal water Committee for revision of existing agreements and treaties Other features (please list): [fill in] What are the tasks and activities of this joint body or mechanism?¹⁸ (g) Identification of pollution sources \boxtimes Data collection and exchange Joint monitoring Maintenance of joint pollution inventories Setting emission limits \boxtimes Elaboration of joint water quality objectives Management and prevention of flood or drought risks \boxtimes 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 \boxtimes Policy development \boxtimes Control of implementation \boxtimes Exchange of experience between riparian States Exchange of information on existing and planned uses of water and related installations Settling of differences and conflicts \boxtimes \boxtimes Consultations on planned measures

Exchange of information on best available technology

Participation in transboundary EIA

 \boxtimes

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

	Development of river, lake or aquifer basin management or action plans	
	Management of shared infrastructure	\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	\boxtimes
	Any other tasks (please list):	
	National river basin management plans are coordinated using the jo	oint bodies
(h) opera	What are the main difficulties and challenges that your country faction of the joint body or mechanism, if any?	es 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 re	gularly?
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)	What are the main achievements with regards to the joint body or n	nechanism?
see q	uestion 2.f above	

	(k) coope	Did the joint body or mechanism ever invite a non-riparian coastal erate?	State to
Yes []/No [riangle	
		, please give details. If no, why not, e.g. are the relevant coastal Statan States and therefore already members of the joint body or mechanic	
4.		joint objectives, a common strategy, a joint or coordinated managemen a plan been agreed for the basin, sub-basin, part of a basin or group of b	
Yes [⊠/No[
If yes,	please	provide further details:	
and st	rategie	concerning all water management issues relevant for border waters. Observe are results of bilateral agreements which are updated on a regular basetings of the bilateral commission and which are not available to public	is based
5.	protec	is the transboundary basin,-sub-basin, part of a basins or group of cted, including the protection of ecosystems, in the context of sustainal al water use?	
	_	ation of urbanization, deforestation, and sand and l extraction.	\boxtimes
	Envir	onmental flow norms, including consideration of levels and nality	\boxtimes
		quality protection, e.g. nitrates, pesticides, faecal coliforms, metals	\boxtimes
	Water	r-related species and habitats protection	\boxtimes
	Other	measures (please describe):	
	Joint	model on the use of a transboundary thermal water body	
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): within meetings of joint body	on with
	(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 alteration	ions (dams, etc.	.)	\boxtimes
		Flows or water levels (including grow	undwater levels	s)	\boxtimes
		Water abstractions			\boxtimes
		Climatological information			\boxtimes
		Future planned measures with transbinfrastructure development	oundary impac	ts, such as	\boxtimes
		Other subjects (please list): [fill in]			
		Other comments, e.g. spatial coveragin]	ge of data and i	nformation e	xchange: [fill
	(e)	Is there a shared database or informa	tion platform?		
Yes []/No [\boxtimes			
	(f)	Is the database publicly available?			
Yes []/No [
If yes,	please	e provide the web address: [fill in]			
	(g)	What are the main difficulties and ch	nallenges to dat	a exchange, i	f applicable?
	Frequ	ency of exchanges			
	Timir	ng of exchanges			
	Comp	parability of data and information			
	Limit	ed spatial coverage			
	Inade	quate resources (technical and/or finar	ncial)		
	Other	(please describe): [fill in]			
	Addit	ional comments: [fill in]			
	(h) basin	What are the main benefits of data en or group of basins? (please describe):	xchange on the	basin, sub-b	asin, part of a
		r overview on the border waters, comparies' issues and problems.	arability, impro	ved understa	nding of other
7.		e riparian States carry out joint monitor f a basin or group of basins?	ring in the trans	boundary bas	sin, sub-basin,
Yes 🛭]/No [
	(a)	If yes, what does the joint monitoring	g cover?		
			Hydrological	Ecological	Chemical
Borde	r surfa	ce waters	\boxtimes	\boxtimes	\boxtimes
Surfac	e wate	ers in the entire basin			
Surfac		ers on the main			

			Hydrological	Ecological	Chemical
Surfac	ce wate	ers in part of the basin			
	pleas	e describe [fill in]			
Transl or unc		ary aquifer(s) (connected ted)			\boxtimes
Aquifer(s) in the territory of one riparian hydraulically connected to a transboundary river or lake		raulically connected to a			
	(b)	If joint monitoring is carried out, ho	w is this done?		
		National monitoring stations connector common stations	eted through a n	etwork	\boxtimes
are us	ed, loc	Please describe: specific monitoring that and in border rivers	g stations of na	tional monit	oring network
		Joint and agreed methodologies			\boxtimes
		Please describe: monitoring is perfo	ormed based on	requirement	s of WFD
		Joint sampling			\boxtimes
		Please describe: location and freque	ency is agreed i	n bilateral co	mmission
		Common monitoring network			\boxtimes
		Please describe: monitoring stations	s are agreed in l	bilateral com	mission
		Common agreed parameters			
		Please describe: parameters are agre	eed in bilateral	commission	
	(c)	Please describe the main achieveme	nts regarding jo	oint monitorii	ng, if any:
	_	term cooperation yields long time ser mable joint trend analyses and joint co		_	cal parameters
	(d)	Please describe any difficulties expe	erienced with jo	int monitorir	ng:
		onisation of national methodologies ubiological quality elements), inconsis			-
8.		ne riparian States carry out joint asso, part of a basin or group of basins?	essment of the	transbounda	ry basin, sub-
Yes 🛭	√No [
	(e.g.,	, please provide the date of the last or surface waters or groundwaters only, ussessment methodology applied:	•		
	Joint	assessments of water quality of borde	r waters		
	-	://www.bmlrt.gv.at/wasser/wasser-eu- erpolitik/Berichtber-Abstimmung-an .html			renzgew-
9.	Have	the riparian States agreed to use joint	water quality s	tandards?	

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 EU Water legislation	
10.	What are the measures implemented to prevent or limit the transboundary in accidental pollution?	npact 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?	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): [fill in]	
	Those activities happen also within the ICPDR (International Commis the Protection of the Danube River)	sion for
	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:	
_	d procedures and contact points in cases of disasters with transboundary ied by a handbook	effects
13.	Are the public or relevant stakeholders involved in transboundary water mana in the basin, sub-basin, part of a basin or group of basins?	igement
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, piease specify the stakenolaers for the foint 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 ¹⁹	
Public involvement	
Other (nlease specify): [fill in]	

¹⁹ Or, where applicable, aquifer management plans.

Bilateral Commission Austria-Hungary

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

Leith	a, Raab, and Rabnitz river basin		
List o	of the riparian States: Austria, Hungary		
	e case of an aquifer, what is the nature of the aquifer and its relatio ke basin:	n with 1	the river
Unco	nfined aquifer connected to a river or lake		
Unco	nfined aquifer with no or limited relation with surface water		
Conf	ined aquifer connected to surface water		
Conf	ined aquifer with no or limited relation with surface water		
Other	•		
Pleas	e describe: [fill in]		
Unkn	own		
	entage of your country's territory within the basin, sub-basin, parp of basins: 10,5%	rt of a	basin or
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	_	ent(s) or
	One or more agreements or arrangements exist and are in force		
	Agreement or arrangement developed but not in force		
	Agreement or arrangement developed, but not in force for all riparian	ıs	
	Please insert the name of the agreement(s) or arrangement(s)		
	1959 Agreement on the regulation of water management issues in between Austria and Hungary	the bo	orderland
	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	_	
trans quest	ere is no agreement or arrangement and no joint body or med boundary basin, sub-basin, part of a basin or group of basins tion 4; if there is no agreement or arrangement, but a joint body go to question 3.	then	jump to
	tions 2 and 3 to be completed for each bilateral or multilateral agement in force in the transboundary basin, sub-basin, part of a sins.	_	
2.	(a) Does this agreement or arrangement specify the area subject to	o coope	ration?
	Yes ⊠/No □		
	If yes, does it cover the entire basin or group of basins and all riparia	n States	s?
	Yes ⊠/No □		
	Additional explanations?		

Or, basi	if the agreement or arrangement relates to a sub-basin, does it cover the ϵ n?	entire sub-
Yes	□/No □	
Add	itional explanations? [fill in]	
	ch States (including your own) are bound by the agreement or arra ase list): Austria, Hungary	ngement?
(b) does	If the agreement or arrangement relates to a river or lake basin or s it also cover aquifers?	sub-basin,
Yes	⊠/No	
If yo	es, please list the aquifers covered by the agreement or arrangement: [See Table
(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 or	ne or several water uses or sectors, please list (check as appropriate):	
Wa	ter uses or sectors	
	Industry	
	Agriculture	
	Transport (e.g., navigation)	
	Households	
	Energy: hydropower and other energy types	
	Fisheries	
	Tourism	
	Nature protection	
	Other (please list): water management	
(d) arra	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	\boxtimes

	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	
	Data collection and exchange	
	Joint monitoring	\boxtimes
	Maintenance of joint pollution inventories	
	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	\boxtimes
	Development of shared infrastructure	\boxtimes
	Other (please list): [fill in]	
e) greei	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 or arrangement and what were the keys to achieving such success?
	Long-term cooperation and communication, exchange of information and experiences, common activities at different levels, political commitment
	(g) Please attach a copy of the agreement or arrangement or provide the web address of the document (please attach document or insert web address, if applicable):
	https://www.ris.bka.gv.at/GeltendeFassung.wxe?Abfrage=Bundesnormen&Gesetzesnummer=10010293
3.	Is your country a member of any joint body or mechanism for this agreement or arrangement?
Yes [⊠/No □
If no,	why not? (please explain): [fill in]
Whe	re there is a joint body or mechanism
	(a) If there is a joint body or mechanism, which kind of joint body or mechanism (<i>please tick one</i>)?
	Plenipotentiaries
	Bilateral commission
	Basin or similar commission
	Expert group meeting or meeting of national focal points
	Other (please describe): [fill in]
	(b) Does the joint body or mechanism cover the entire transboundary basin, sub-basin, part of a basin or group of basins?
Yes [⊠/No
	(c) Which States (including your own) are members of the joint body or mechanism? (<i>Please list</i>): Austria, Hungary
	(d) Are there any riparian States that are not members of the joint body or mechanism? (please list): [fill in]
	(e) If not all riparian States are members of the joint body or mechanism how does the joint body or mechanism cooperate with them?
	No cooperation
	They have observer status
	Other (please describe): [fill in]
	(f) Does the joint body or mechanism have any of the following features (<i>please tick the ones applicable</i>)?
	A secretariat
	If the secretariat is a permanent one, is it a joint secretariat or does each country host its own secretariat? (Please describe): [fill in]
	A subsidiary body or bodies
	Please list (e.g., working groups on specific topics):

	sub-commission, expert group, if needed ad hoc groups	
	Other features (please list): [fill in]	
(g)	What are the tasks and activities of this joint body or mechanism? ²⁰	
	Identification of pollution sources	
	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	\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	\boxtimes
	Development of river, lake or aquifer basin management or action plans	\boxtimes
	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, for example, basin management plans	
	Joint resources to support transboundary cooperation	\boxtimes
	Capacity-building	\boxtimes
	Any other tasks (please list):	

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.

What are the main difficulties and challenges that your country faces with the operation of the joint body or mechanism, if any? Governance issues Please describe, if any: [fill in] Unexpected planning delays Please describe, if any: [fill in] Lack of resources Please describe, if true: [fill in] Lack of mechanism for implementing measures Please describe, if true: [fill in] Lack of effective measures Please describe, if true: [fill in] Unexpected extreme events Please describe, if any: [fill in] Lack of information and reliable forecasts Please describe, if any: [fill in] Others (please list and describe, as appropriate): [fill in] Does the joint body or mechanism, or its subsidiary bodies meet regularly? (i) Yes ⊠/No□ If yes, how frequently does it meet? More than once per year \boxtimes Once per year Less than once per year What are the main achievements with regards to the joint body or mechanism? (j) effective water management, common projects Did the joint body or mechanism ever invite a non-riparian coastal State to cooperate? Yes □/No ⊠ If yes, please give details. If no, why not, e.g. are the relevant coastal States also riparian States and therefore already members of the joint body or mechanism? [fill Have joint objectives, a common strategy, a joint or coordinated management plan or action plan been agreed for the basin, sub-basin, part of a basin or group of basins? Yes ⊠/No□ If yes, please provide further details: joint strategies, development programs. Objectives and strategies are results of bilateral agreements which are updated on a regular basis based on

annual meetings of the bilateral commission and which are not available to public.

National river basin management plans are coordinated using the joint bodies

4.

5.	prote	is the transboundary basin,—sub-basin, part of a basins or group cted, including the protection of ecosystems, in the context of sustanal water use?	
	_	lation of urbanization, deforestation, and sand and el extraction.	\boxtimes
		conmental flow norms, including consideration of levels and enality	\boxtimes
		er 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	
	(c) meet	Please describe how information is exchanged (e.g. in conne ings of joint bodies): within meetings of joint bodies	ection with
	(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	
		Planned measures taken to prevent, control or reduce transboundary impacts	\boxtimes
		Point source pollution sources	
		Diffuse pollution sources	
		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): water body status	
		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	\boxtimes	

(f)	Is the database publicly available?			
Yes /No				
If yes, plea	se provide the web address: [fill in]			
(g)	What are the main difficulties and c	hallenges to dat	a exchange, i	if applicable?
Free	quency of exchanges			
Tim	ing of exchanges			
Cor	nparability of data and information			
Lim	ited spatial coverage			
Inac	dequate resources (technical and/or fina	ncial)		
Oth	er (please describe): [fill in]			
Add	litional comments: [fill in]			
(h) basi	What are the main benefits of data on or group of basins? (please describe)		basin, sub-b	asin, part of a
Mut	tual awareness, early warning			
	the riparian States carry out joint monito of a basin or group of basins?	oring in the trans	boundary bas	sin, sub-basin,
Yes ⊠/No				
(a)	If yes, what does the joint monitoring	ng cover?		
		Hydrological	Ecological	Chemical
Border sur	face waters	Hydrological	Ecological	Chemical
	face waters sters in the entire basin			
Surface wa	aters in the entire basin			
Surface was Surface was watercours	nters in the entire basin eters on the main			
Surface was watercours Surface was	aters in the entire basin			
Surface was watercours Surface was plea	ters in the entire basin ters on the main e ters in part of the basin ase describe [fill in] dary aquifer(s) (connected			
Surface was watercours Surface was plea Transboundor unconnel Aquifer(s) riparian hy	ters in the entire basin ters on the main e ters in part of the basin ase describe [fill in] dary aquifer(s) (connected			
Surface was watercours Surface was plea Transboundor unconnel Aquifer(s) riparian hy	ters in the entire basin ters on the main e ters in part of the basin ase describe [fill in] dary aquifer(s) (connected teted) in the territory of one draulically connected to a			
Surface was watercours Surface was pleas Transboundor unconnes Aquifer(s) riparian hy transbound	aters in the entire basin ters on the main e ters in part of the basin use describe [fill in] dary aquifer(s) (connected ected) in the territory of one draulically connected to a lary river or lake	□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □		
Surface was watercours Surface was pleas Transboundor unconnes Aquifer(s) riparian hy transbounds (b)	ters in the entire basin ters on the main e ters in part of the basin use describe [fill in] dary aquifer(s) (connected ected) in the territory of one draulically connected to a lary river or lake If joint monitoring is carried out, he National monitoring stations connected	w is this done?	⊠ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	
Surface was watercours Surface was pleas Transboundor unconnes Aquifer(s) riparian hy transbounds (b)	ters in the entire basin ters on the main e ters in part of the basin use describe [fill in] dary aquifer(s) (connected beted) in the territory of one draulically connected to a lary river or lake If joint monitoring is carried out, he National monitoring stations connector common stations Please describe: specific monitorin	w is this done?	⊠ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	

		Joint sampling	\bowtie
		Please describe: location and frequency is agreed in bilateral commis	sion
		Common monitoring network	\boxtimes
		Please describe: monitoring stations are agreed in bilateral commission	on
		Common agreed parameters	\boxtimes
		Please describe: parameters are agreed in bilateral commission	
	(c)	Please describe the main achievements regarding joint monitoring, if	any:
	continu	uous monitoring results available	
	(d)	Please describe any difficulties experienced with joint monitoring:	
	differe	nces in national methodologies and standards	
8.		e riparian States carry out joint assessment of the transboundary bas part of a basin or group of basins?	sin, sub-
Yes [/No []	
	(e.g., s	please provide the date of the last or only assessment, the frequency an urface waters or groundwaters only, pollution sources, etc.) of the ass sessment methodology applied:	_
	at the r	regular meetings of the subcommission, expert group	
9.	Have t	he riparian States agreed to use joint water quality standards?	
Yes [✓/No]	
		what standards have been applied, e.g. international or regional st e specify which), or have national standards of the riparian Stat d?	
	accord	ing to the Water Framework Directive	
10.		are the measures implemented to prevent or limit the transboundary intal 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.		are the measures implemented to prevent or limit the transboundary in the 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	\boxtimes
		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 in place such measures?: [fill in]	face in putting
12. Are procedures in place for mutual assistance in case of a critical sit	uation?
Yes ⊠/No □	
If yes, please provide a brief summary:	
Mutual assistance is done on the level of local authorities and firefighte request	er brigades, upon
13. Are the public or relevant stakeholders involved in transboundary w in the basin, sub-basin, part of a basin or group of basins?	ater management
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 mechanis [fill in]	sm:
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 ²¹	
Public involvement	
Other (please specify): Public participation EU- WFD and EU FD	

²¹ Or, where applicable, aquifer management plans.

Bilateral Commission Austria-Slovenia (Drava-Commission)

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

Drava river basin upstream part within Austria and Slovenia

List	t of the riparian States: Austria, Slovenia		
	the case of an aquifer, what is the nature of the aquifer and its ake basin:	relation with	the rive
Uno	confined aquifer connected to a river or lake		
Unc	confined aquifer with no or limited relation with surface water		
Cor	nfined aquifer connected to surface water		
Cor	nfined aquifer with no or limited relation with surface water		
Oth	ner		
Plea	ase describe: [fill in]		
Unl	known		
	centage of your country's territory within the basin, sub-basin of basins: $14,1\%$	ısin, part of a	basin o
1.	Is there one or more transboundary (bilateral or multile arrangement(s) on this basin, sub-basin, part of a basin or groups of the state of the stat		nent(s) of
	One or more agreements or arrangements exist and are in for	ce	\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))	
	Government Agreement between Republic of Austria and Re Water Management Issues on the Drau of 25 May 193 agreement between Republic of Austria and Republic of S Gazette No. 714/1993)	54 (Further ap	pplication
	Agreement or arrangement is under development		
	No agreement or arrangement		
	If there is no agreement or arrangement or it is not in force why not and provide information on any plans to address the		
trai que	there is no agreement or arrangement and no joint body insboundary basin, sub-basin, part of a basin or group of estion 4; if there is no agreement or arrangement, but a join go to question 3.	f basins then	jump to
arr	estions 2 and 3 to be completed for each bilateral or mulangement in force in the transboundary basin, sub-basin, papasins.	_	
2.	(a) Does this agreement or arrangement specify the area s	subject to coop	eration?
	Yes ⊠/No □		
	If yes, does it cover the entire basin or group of basins and al	l riparian State	es?
	Yes ⊠/No □		

Addıtı	onal explanations? upstream part of Drava within Austria and Slov	enia
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]	
	States (including your own) are bound by the agreement or arran <i>e list</i>): Austria, Slovenia	gement?
(b) does it	If the agreement or arrangement relates to a river or lake basin or sut also cover aquifers?	ıb-basin,
Yes 🗵]/No 🗌	
If yes,	please list the aquifers covered by the agreement or arrangement: [see	table 2]
(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	r uses or sectors	
	Industry	
	Agriculture	
	Transport (e.g., navigation)	
	Households	
	Energy: hydropower and other energy types	
	Fisheries	
	Tourism	
	Nature protection	
	Other (please list): water management	
(d) arrang	What topics or subjects of cooperation are included in the agree ement?	ment or
	Procedural and institutional issues	
	Dispute and conflict prevention and resolution	\boxtimes
	Institutional cooperation (joint bodies)	\boxtimes
	Consultation on planned measures	\boxtimes
	Mutual assistance	
	Topics of cooperation	
	Joint vision and management objectives	\boxtimes
	Joint significant water management issues	\boxtimes
	Navigation	\boxtimes

	Human health	\boxtimes
	Environmental protection (ecosystem)	
	Water quality	\boxtimes
	Water quantity or allocation	
	Cooperation in addressing floods	
	Cooperation in addressing droughts	\boxtimes
	Climate change adaptation	\boxtimes
	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	\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	\boxtimes
	Development of shared infrastructure	\boxtimes
	Other (please list): co-ordination of national WFD planning	
(e) agree	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 or arrangement and what were the keys to achieving such success?
	implementation of the agreement, keys of success: political commitment, exchange of experience, direct contact and communication between the parties at different levels
	(g) Please attach a copy of the agreement or arrangement or provide the web address of the document (please attach document or insert web address, if applicable):
	https://www.ris.bka.gv.at/Ergebnis.wxe?Abfrage=BgblPdf&Bgblnummer=714/1993 &SucheNachTeilAlt=True
3.	Is your country a member of any joint body or mechanism for this agreement or arrangement?
Yes [⊠/No
If no,	why not? (please explain): [fill in]
Whe	re there is a joint body or mechanism
	(a) If there is a joint body or mechanism, which kind of joint body or mechanism (<i>please tick one</i>)?
	Plenipotentiaries
	Bilateral commission
	Basin or similar commission
	Expert group meeting or meeting of national focal points
	Other (please describe): [fill in]
	(b) Does the joint body or mechanism cover the entire transboundary basin, sub-basin, part of a basin or group of basins?
Yes [⊠/No □
	(c) Which States (including your own) are members of the joint body or mechanism? (<i>Please list</i>): Austria, Slovenia
	(d) Are there any riparian States that are not members of the joint body or mechanism? (please list): [fill in]
	(e) If not all riparian States are members of the joint body or mechanism how does the joint body or mechanism cooperate with them?
	No cooperation
	They have observer status
	Other (please describe): [fill in]
	(f) Does the joint body or mechanism have any of the following features (<i>please tick the ones applicable</i>)?
	A secretariat
	If the secretariat is a permanent one, is it a joint secretariat or does each country host its own secretariat? (Please describe): [fill in]
	A subsidiary body or bodies
	Please list (e.g., working groups on specific topics):

	working groups, expert group, if needed ad hoc task groups	
	Other features (please list): [fill in]	
(g)	What are the tasks and activities of this joint body or mechanism? ²²	
	Identification of pollution sources	
	Data collection and exchange	\boxtimes
	Joint monitoring	\boxtimes
	Maintenance of joint pollution inventories	
	Setting emission limits	
	Elaboration of joint water quality objectives	
	Management and prevention of flood or drought risks	
	Preparedness for extreme events, e.g., common early warning and alarm procedures	
	Surveillance and early warning of water related disease	
	Water allocation and/or flow regulation	
	Policy development	\boxtimes
	Control of implementation	
	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	
	Exchange of information on best available technology	
	Participation in transboundary EIA	
	Development of river, lake or aquifer basin management or action plans	
	Management of shared infrastructure	\boxtimes
	Addressing hydromorphological alterations	\boxtimes
	Climate change adaptation	\boxtimes
	Joint communication strategy	
	Basin-wide or joint public participation and consultation of, for example, basin management plans	
	Joint resources to support transboundary cooperation	
	Capacity-building	
	Any other tasks (please list): [fill in]	

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 face tion 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	
		Once per year	\boxtimes
		Less than once per year	
	(j)	What are the main achievements with regards to the joint body or me	echanism?
	effect	ive water management, common projects	
	(k) coope	Did the joint body or mechanism ever invite a non-riparian coast	al State to
Yes []/No [
		, please give details. If no, why not, e.g. are the relevant coastal Sian States and therefore already members of the joint body or mecha	
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	-
Yes [⊠/No[
strate	gies are	e provide further details: joint strategies, development programs. Object results of bilateral agreements which are updated on a regular basis rigs of the bilateral commission and which are not available to public	s based on

5.	prote	is the transboundary basin,-sub-basin, part of a basins or group cted, including the protection of ecosystems, in the context of sustanal water use?	
		lation of urbanization, deforestation, and sand and l extraction.	\boxtimes
		onmental flow norms, including consideration of levels and nality	\boxtimes
		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 other in the basin, sub-basin, part of a basin or group of basins?	ner riparian
Yes [✓/No [
	(b)	If yes, how often:	
		More than once per year	
		Once per year	\boxtimes
		Less than once per year	
	(c) meeti	Please describe how information is exchanged (e.g. in conne ngs of joint bodies): within meetings of joint body	ction with
	(d)	If yes, on what subjects are information and data exchanged?	
		Environmental conditions	
		Research activities and application of best available techniques	
		Emission monitoring data	
		Planned measures taken to prevent, control or reduce transboundary impacts	
		Point source pollution sources	
		Diffuse pollution sources	
		Existing hydromorphological alterations (dams, etc.)	
		Flows or water levels (including groundwater levels)	
		Water abstractions	
		Climatological information	
		Future planned measures with transboundary impacts, such as infrastructure development	
		Other subjects (please list):	
		Done by ICPDR and upon request, covering all environment data available	publically
		Other comments, e.g. spatial coverage of data and information exclin]	hange: [fill

(e)	Is there a shared database or infor	rmation platform?		
Yes \[\]/N	Io 🛚			
(f)	Is the database publicly available	??		
Yes /N	Jo 🛛			
If yes, ple	ease provide the web address: [fill in]			
(g)	What are the main difficulties and	d challenges to dat	a exchange,	if applicable?
Fre	equency of exchanges			
Ti	ming of exchanges			
Сс	omparability of data and information			
Li	mited spatial coverage			
Ina	adequate resources (technical and/or f	inancial)		
Ot	ther (please describe): [fill in]			
Ad	dditional comments: [fill in]			
(h) bas) What are the main benefits of day sin or group of basins? (<i>please descrit</i>	_	basin, sub-b	asin, part of a
	o the riparian States carry out joint mor	nitoring in the trans	boundary bas	sin, sub-basin,
Yes ⊠/N				
	TO 1 . 1 . 1 . 1			
(a)	If yes, what does the joint monitor	oring cover?		
(a)) If yes, what does the joint monito	Hydrological	Ecological	Chemical
		Hydrological		
Border su	urface waters		Ecological	Chemical
Border su Surface w	urface waters vaters in the entire basin	Hydrological		
Border su Surface w	urface waters vaters in the entire basin vaters on the main	Hydrological		
Border su Surface w Surface w watercour	urface waters vaters in the entire basin vaters on the main	Hydrological		
Border su Surface w Surface w watercour Surface w	vaters in the entire basin vaters on the main rse	Hydrological		
Border su Surface w Surface w watercour Surface w	vaters in the entire basin vaters on the main rse vaters in part of the basin ease describe [fill in] ndary aquifer(s) (connected	Hydrological		
Border su Surface w Surface w watercour Surface w ple Transbour or unconn Aquifer(s riparian h	vaters in the entire basin vaters on the main rse vaters in part of the basin ease describe [fill in] ndary aquifer(s) (connected	Hydrological		
Border su Surface w Surface w watercour Surface w ple Transbour or unconn Aquifer(s riparian h	vaters in the entire basin vaters on the main rse vaters in part of the basin ease describe [fill in] indary aquifer(s) (connected nected) in the territory of one hydraulically connected to a hadary river or lake	Hydrological		
Border su Surface w Surface w watercour Surface w ple Transbour or unconn Aquifer(s riparian h transboun	vaters in the entire basin vaters on the main rse vaters in part of the basin ease describe [fill in] indary aquifer(s) (connected nected) in the territory of one hydraulically connected to a hadary river or lake	Hydrological		
Border su Surface w Surface w watercour Surface w ple Transbour or unconr Aquifer(s riparian h transboun	reface waters vaters in the entire basin vaters on the main rse vaters in part of the basin ease describe [fill in] indary aquifer(s) (connected inected) i) in the territory of one hydraulically connected to a indary river or lake If joint monitoring is carried out, National monitoring stations con	Hydrological		

		Please describe: monitoring is performed based on requirements of	WFD
		Joint sampling	
		Please describe: location and frequency is agreed in bilateral commi	ssion
		Common monitoring network	\boxtimes
		Please describe: monitoring stations are agreed in bilateral commiss	ion
		Common agreed parameters	\boxtimes
		Please describe: parameters are agreed in bilateral commission	
	(c)	Please describe the main achievements regarding joint monitoring, it	f any:
	contir	nuous monitoring results available	
	(d)	Please describe any difficulties experienced with joint monitoring: [1	fill in]
8.		ne riparian States carry out joint assessment of the transboundary bases, part of a basin or group of basins?	asin, sub-
Yes [⊠/No [
	(e.g.,	please provide the date of the last or only assessment, the frequency of surface waters or groundwaters only, pollution sources, etc.) of the assessment methodology applied:	-
	at the	regular meetings of the working groups, expert groups	
9.	Have	the riparian States agreed to use joint water quality standards?	
Yes [⊠/No [
		, what standards have been applied, e.g. international or regional see specify which), or have national standards of the riparian Standards.	
	accor	ding to the Water Framework Directive	
10.		are the measures implemented to prevent or limit the transboundary ental pollution?	impact 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 place such measures?: [fill in]	n putting
11.		are the measures implemented to prevent or limit the transboundary ne weather events and climate change?	impact 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	\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]	n putting
12.	Are procedures in place for mutual assistance in case of a critical situation?	
Yes	⊠/No	
If yes	s, please provide a brief summary: [fill in]	
13.	Are the public or relevant stakeholders involved in transboundary water ma in the basin, sub-basin, part of a basin or group of basins?	nagement
Yes [⊠/No	
	If yes, how? (please tick all applicable)	
	Stakeholders have observer status in a joint body or mechanism	
	Stakeholders have an advisory role in the joint body	
	Stakeholders have a decision-making role in the joint body	
	If yes, please specify the stakeholders for the joint body or mechanism: [fill in]	
	Intergovernmental organizations	
	Private sectors organizations or associations	
	Water user groups or associations	
	Academic or research institutions	
	Other non-governmental organizations	
	General public	
	Other (please specify): [fill in]	
	Availability of information to the public	
	Consultation on planned measures or river basin management plans ²³	\boxtimes
	Public involvement	\boxtimes
	Other (please specify): [fill in]	

²³ Or, where applicable, aquifer management plans.

Bilateral Commission Austria-Slovenia (Morava-Commission)

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

Mura river basin upstream part within Austria and Slovenia List of the riparian States: [fill in] In the case of an aquifer, what is the nature of the aquifer and its relation with the river or lake basin: Unconfined aguifer connected to a river or lake Unconfined aquifer with no or limited relation with surface water Confined aquifer connected to surface water Confined aquifer with no or limited relation with surface water Other Please describe: [fill in] Unknown Percentage of your country's territory within the basin, sub-basin, part of a basin or group of basins: 12,3% Is there one or more transboundary (bilateral or multilateral) agreement(s) or arrangement(s) on this basin, sub-basin, part of a basin or group of basins? One or more agreements or arrangements exist and are in force \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) 1959 Treaty between Republic of Austria and Federal Peoples Republic of Jugoslavia concerning water management issues of Mura boarder and Mura boarder waters (Mura-Treaty) Agreement or arrangement is under development No agreement or arrangement If there is no agreement or arrangement or it is not in force, please explain briefly why not and provide information on any plans to address the situation: [fill in] If there is no agreement or arrangement and no joint body or mechanism for the transboundary basin, sub-basin, part of a basin or group of basins then jump to question 4; if there is no agreement or arrangement, but a joint body or mechanism then go to question 3. Questions 2 and 3 to be completed for each bilateral or multilateral agreement or arrangement in force in the transboundary basin, sub-basin, part of a basin or group of basins. 2. (a) Does this agreement or arrangement specify the area subject to cooperation? Yes ⊠/No □

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

Yes ⊠/No □

Addi	itional explanations? upstream part of Mura within Austria and Slo	ovenia
Or, i basir	f the agreement or arrangement relates to a sub-basin, does it cover the a?	entire sub-
Yes	□/No □	
Addi	itional explanations? [fill in]	
	ch States (including your own) are bound by the agreement or arrange list): Austria, Slovenia	angement?
(b) does	If the agreement or arrangement relates to a river or lake basin or it also cover aquifers?	sub-basin,
Yes	⊠/No	
If ye	s, please list the aquifers covered by the agreement or arrangement: [s	ee table 2
(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 on	e or several water uses or sectors, please list (check as appropriate):	
Wat	er uses or sectors	
	Industry	
	Agriculture	
	Transport (e.g., navigation)	
	Households	
	Energy: hydropower and other energy types	
	Fisheries	
	Tourism	
	Nature protection	
	Other (please list): water management	
(d) arrar	What topics or subjects of cooperation are included in the agragement?	eement 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	\boxtimes
	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	\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	\boxtimes
	Development of shared infrastructure	\boxtimes
	Other (please list): co-ordination of national WFD planning	
(e) agree	What are the main difficulties and challenges that your country face ment or arrangement and its implementation, if any?	s 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) ar) What are the main achievements in implementing the agreem rangement and what were the keys to achieving such success?	ent or
	applementation of the agreement, keys of success: political commitment, exchargerience, direct contact and communication between the parties at different	_
	Please attach a copy of the agreement or arrangement or provide the ddress of the document (please attach document or insert web addrepplicable):	
	tps://www.ris.bka.gv.at/GeltendeFassung.wxe?Abfrage=Bundesnormen&Geummer=10010277	esetzes
	your country a member of any joint body or mechanism for this agreen rangement?	nent or
Yes ⊠/N	No 🗌	
If no, wh	y not? (please explain): [fill in]	
Where t	here is a joint body or mechanism	
(a (<i>p</i>) If there is a joint body or mechanism, which kind of joint body or mechanism tick one)?	hanism
	Plenipotentiaries	
	Bilateral commission	\boxtimes
	Basin or similar commission	
	Expert group meeting or meeting of national focal points	
	Other (please describe): [fill in]	
(b	Does the joint body or mechanism cover the entire transboundary basinsin, part of a basin or group of basins?	n, sub-
Yes ⊠/N	No 🗌	
(c m) Which States (including your own) are members of the joint be echanism? (<i>Please list</i>): Austria, Slovenia	ody or
(d m	Are there any riparian States that are not members of the joint be echanism? (please list):	ody or
Н	R and HU are observer	
(e th	If not all riparian States are members of the joint body or mechanism ho e joint body or mechanism cooperate with them?	w does
	No cooperation	
	They have observer status	\boxtimes
	Other (please describe):	
	Hungary and Croatia are invited to send observers and add comments in in the minutes of the meetings of Mura Commission	cluded
(f)	Does the joint body or mechanism have any of the following features (ack the ones applicable)?	(please
	A secretariat	

	If the secretariat is a permanent one, is it a joint secret does each country host its own secretariat? (Please describe): [fill in		or
	A subsidiary body or bodies		
	Please list (e.g., working groups on specific topics):		
	sub-commission, expert group, if needed ad hoc groups		
	Other features (please list): [fill in]		
(g)	What are the tasks and activities of this joint body or mechanism? ²⁴		
	Identification of pollution sources		
	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	\boxtimes	
	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		
	Consultations on planned measures		
	Exchange of information on best available technology		
	Participation in transboundary EIA		
	Development of river, lake or aquifer basin management or action plans	\boxtimes	
	Management of shared infrastructure		
	Addressing hydromorphological alterations		
	Climate change adaptation		
	Joint communication strategy		
	Basin-wide or joint public participation and consultation of,		

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.

		for example, basin management plans	
		Joint resources to support transboundary cooperation	
		Capacity-building	\boxtimes
		Any other tasks (please list): co-ordination of national WFD planning	g
	(h) opera	What are the main difficulties and challenges that your country faces 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 regu	ılarly?
	Yes	⊠/No□	
	If yes	s, how frequently does it meet?	
		More than once per year	
		Once per year	\boxtimes
		Less than once per year	
	(j)	What are the main achievements with regards to the joint body or me	chanism?
	effec	tive water management, common projects	
	(k) coope	Did the joint body or mechanism ever invite a non-riparian coasta erate?	l State to
Yes [/No [\boxtimes	
		s, please give details. If no, why not, e.g. are the relevant coastal St ian States and therefore already members of the joint body or mechan	
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	_

4.

Yes 📐	/No_			
strateg	gies are	provide further details: joint strategies, development programs. Object results of bilateral agreements which are updated on a regular basis basis of the bilateral commission and which are not available to public.		
5.	How is the transboundary basin,—sub-basin, part of a basins or group of basin protected, including the protection of ecosystems, in the context of sustainable and rational water use?			
	_	ation of urbanization, deforestation, and sand and extraction.	\boxtimes	
	Environment Enviro	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 conne meetings of joint bodies): within meetings of joint bodies			
	(d)	If yes, on what subjects are information and data exchanged?		
		Environmental conditions		
		Research activities and application of best available techniques		
		Emission monitoring data		
		Planned measures taken to prevent, control or reduce transboundary impacts		
		Point source pollution sources		
		Diffuse pollution sources		
		Existing hydromorphological alterations (dams, etc.)		
		Flows or water levels (including groundwater levels)		
		Water abstractions		
		Climatological information		
		Future planned measures with transboundary impacts, such as infrastructure development		
		Other subjects (please list):		

	Done by ICPDR and upon request, covering all environment data publically available							
	Other comments, e.g. spatial coverage of data and information exchange: [fill in]							
	(e)	Is there a shared database or informat	tion platform?					
Yes []/No [\boxtimes						
	(f) Is the database publicly available?							
Yes []/No [\exists						
If yes,	please	provide the web address: [fill in]						
	(g)	What are the main difficulties and ch	allenges to data	exchange, if	f applicable?			
	Frequ	ency of exchanges						
	Timir	ng of exchanges						
	Comp	parability of data and information						
	Limit	ed spatial coverage						
	Inade	quate resources (technical and/or finan	cial)					
	Other	(please describe): [fill in]						
	Additional comments: [fill in]							
	(h) What are the main benefits of data exchange on the basin, sub-basin, part of a basin or group of basins? (please describe): [fill in]							
7.	Do the riparian States carry out joint monitoring in the transboundary basin, sub-basin, part of a basin or group of basins?							
Yes 🛭	Yes ⊠/No □							
	(a)	If yes, what does the joint monitoring	cover?					
			Hydrological	Ecological	Chemical			
Borde	er surfa	ce waters	\boxtimes	\boxtimes	\boxtimes			
Surfac	ce wate	ers 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 a network

		or common stations	\boxtimes
are u	sed, loc	Please describe: specific monitoring stations of national monitoring stated in border rivers	network
		Joint and agreed methodologies	\boxtimes
		Please describe: monitoring is performed based on requirements of t	he WFD
		Joint sampling	\boxtimes
comr	nission	Please describe: location and frequency of joint sampling is agreed in	bilateral
		Common monitoring network	\boxtimes
		Please describe: monitoring stations are agreed in bilateral commissi	on
		Common agreed parameters	\boxtimes
		Please describe: parameters are agreed in bilateral commission	
	(c)	Please describe the main achievements regarding joint monitoring, if	any:
	conti	nuous monitoring results available	
	(d)	Please describe any difficulties experienced with joint monitoring: [f	ill in]
8.		ne riparian States carry out joint assessment of the transboundary ba , part of a basin or group of basins?	sin, sub-
Yes	⊠/No [
	(e.g.,	, please provide the date of the last or only assessment, the frequency of surface waters or groundwaters only, pollution sources, etc.) of the assussessment methodology applied:	_
	at the	regular meetings of the subcommission, expert group	
9.	Have	the riparian States agreed to use joint water quality standards?	
Yes	⊠/No [
		s, what standards have been applied, e.g. international or regional s se specify which), or have national standards of the riparian Sta ed?	
	accor	ding to the Water Framework Directive	
10.		are the measures implemented to prevent or limit the transboundary in ental pollution?	mpact 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]	putting
11.		are the measures implemented to prevent or limit the transboundary in me weather events and climate change?	mpact 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	\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
12.	Are procedures in place for mutual assistance in case of a critical situation?	
Yes 🛭]/No [
If yes,	please provide a brief summary: [fill in]	
13.	Are the public or relevant stakeholders involved in transboundary water mana in the basin, sub-basin, part of a basin or group of basins?	igement
Yes 🛭]/No [
	If yes, how? (please tick all applicable)	
	Stakeholders have observer status in a joint body or mechanism	
	Stakeholders have an advisory role in the joint body	
	Stakeholders have a decision-making role in the joint body	
	If yes, please specify the stakeholders for the joint body or mechanism: [fill in]	
	Intergovernmental organizations	
	Private sectors organizations or associations	
	Water user groups or associations	
	Academic or research institutions	
	Other non-governmental organizations	
	General public	
	Other (please specify): [fill in]	
	Availability of information to the public	
	Consultation on planned measures or river basin management plans ²⁵	\square
	Public involvement	
	Other (please specify): [fill in]	<u>~_3</u>

²⁵ Or, where applicable, aquifer management plans.

Multilateral Commission Lake Constance

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

Const	ance		
List of	f the riparian States:		
Austri Switze	a, Germany (Federal State of Bavaria and Federal State of Badeerland	n-Wuertte	emberg),
	case of an aquifer, what is the nature of the aquifer and its relate basin:	ion 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: [fill in]		
Unkno	own \square		
	ntage of your country's territory within the basin, sub-basin, p of basins: 2.8%	art of a b	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	-	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 ripar	ians	
	Please insert the name of the agreement(s) or arrangement(s)		
	1961 Agreement on the protection of the Lake Constance against p	ollution	
	Agreement or arrangement is under development		
	No agreement or arrangement		
	If there is no agreement or arrangement or it is not in force, plea why not and provide information on any plans to address the situation	_	
transk questi	re is no agreement or arrangement and no joint body or motion day basin, sub-basin, part of a basin or group of basis on 4; if there is no agreement or arrangement, but a joint body to question 3.	ns then j	ump to
	ions 2 and 3 to be completed for each bilateral or multilater gement in force in the transboundary basin, sub-basin, part of ins.	_	
2.	(a) Does this agreement or arrangement specify the area subjec	t to cooper	ration?
	Yes ⊠/No □	-	
	If yes, does it cover the entire basin or group of basins and all ripar	rian States	?
	Yes ⊠/No □		

Additional explanations? Agreement covers the Lake Constant	ce
Or, if the agreement or arrangement relates to a sub-basin, does basin?	it cover the entire sub
Yes /No	
Additional explanations? [fill in]	
Which States (including your own) are bound by the agree (Please list):	ment or arrangement
Austria, Federal States of Bavaria and Baden-Wuerttemberg (G Switzerland	erman Federal States)
(b) If the agreement or arrangement relates to a river or la does it also cover aquifers?	ıke basin or sub-basin
Yes □/No ⊠	
If yes, please list the aquifers covered by the agreement or arra	ingement: [fill in]
(c) What is the sectoral scope of the agreement or arrangen	nent?
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 ap	propriate):
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 arrangement?	in the agreement o
Procedural and institutional issues	
Dispute and conflict prevention and resolution	
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
Navig	gation	
Huma	nn health	\boxtimes
Envir	onmental protection (ecosystem)	\boxtimes
Water	r quality	\boxtimes
Water	r quantity or allocation	\boxtimes
Coop	eration in addressing floods	\boxtimes
Coop	eration in addressing droughts	\boxtimes
Clima	ate change adaptation	\boxtimes
Moni	toring and exchange	
Joint	assessments	\boxtimes
Data	collection and exchange	\boxtimes
Joint	monitoring	\boxtimes
Maint	tenance of joint pollution inventories	\boxtimes
Elabo	oration of joint water quality objectives	\boxtimes
Comr	non early warning and alarm procedures	\boxtimes
Excha	ange of experience between riparian States	\boxtimes
Excha	ange of information on planned measures	\boxtimes
Joint	planning and management	
Devel	lopment of joint regulations on specific topics	
	lopment of international or joint river, lake or aquifer basin gement or action plans	\boxtimes
Mana	gement of shared infrastructure	
Devel	lopment of shared infrastructure	
Other	(please list): [fill in]	
	are the main difficulties and challenges that your country faces arrangement and its implementation, if any?	with the
	ing implementation of agreement or arrangement with nal laws, policies and programmes	
_	ing implementation of agreement or arrangement with nal laws, policies and programmes	
Lack	of financial resources	
Insuff	ficient human capacity	
Insuff	ficient technical capacity	
Tense	e diplomatic relations	
Non-p	participation of certain riparian countries in the agreement	
No si	gnificant difficulties	\boxtimes

Other (please describe): [fill in]

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

The main has been significant improvement in the ecological and chemical quality of the lake. This has been achieved through both measures to reduce pollution and lake restoration measures. Next to this, improvements include the exchange of data and information between the parties and alignment of measures and plans in the riparian countries. Key to this success has been close cooperation at technical level and the subsequent building of trust as well as mutual understanding among the countries.

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

https://www.ris.bka.gv.at/GeltendeFassung.wxe?Abfrage=Bundesnormen&Gesetzes nummer=10010304

http://www.igkh.org/die.igkh-internationale-gewaesserschutz-kommission-fuer-den

		see/uebereinkommen-ueber-den-schutz-des-bodensees-gegen-verunrein	
3.	•	ur country a member of any joint body or mechanism for this agree gement?	ment of
Yes [/No [
If no,	why no	ot? (please explain): [fill in]	
Whe	re there	e is a joint body or mechanism	
	(a) (pleas	If there is a joint body or mechanism, which kind of joint body or med set tick one)?	chanism
		Plenipotentiaries	
		Bilateral commission	
		Basin or similar commission	\boxtimes
		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 banism? (Please list):	oody o
		ia, Germany (Federal State of Bavaria and Federal State of ttemberg), Switzerland	Baden-
	(d) mecha	Are there any riparian States that are not members of the joint lanism? (please list): [fill in]	body o
	(e) the jo	If not all riparian States are members of the joint body or mechanism he int body or mechanism cooperate with them?	ow does
		No cooperation	
		They have observer status	

Other (please describe): [fill in]

(f) tick ti	Does the joint body or mechanism have any of the following features the ones applicable)?	(please
	A secretariat	
	If the secretariat is a permanent one, is it a joint secretae does each country host its own secretariat? (Please describe): [fill in]	
	A subsidiary body or bodies	\boxtimes
	Please list (e.g., working groups on specific topics):	
	Kommission	•
	Öffentlichkeitsarbeit BOWIS Bodensee-Wasser-Informationssystem	•
	Sachverständigenkreis	•
	Fachbereich See	•
	Fachbereich Einzugsgebiet	•
	Projektgruppen nach Bedarf Fachbereich Schadensabwehr	•
	Other features (please list):	
	Regular ministerial conferences	
(g)	What are the tasks and activities of this joint body or mechanism? ²⁶	
	Identification of pollution sources	\boxtimes
	Data collection and exchange	
	Joint monitoring	\boxtimes
	Maintenance of joint pollution inventories	\boxtimes
	Setting emission limits	
	Elaboration of joint water quality objectives	
	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	

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.

	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	
	Addressing hydromorphological alterations	\boxtimes
	Climate change adaptation	\boxtimes
	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):	
	There is no joint communication strategy as such, but elements of it brochures and reports on the tasks and results of the ICPR/CC, joint releases, interviews in media	-
(h) opera	What are the main difficulties and challenges that your country faces ation 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 🔀]/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	hanism?
	See 2.	f	
	(k) coope	Did the joint body or mechanism ever invite a non-riparian coastal rate?	State to
Yes 🛭	/No [
		please give details. If no, why not, e.g. are the relevant coastal Sta an States and therefore already members of the joint body or mechanis	
	Germa observ	any as coastal state is invited to participate the commission meeter.	tings as
	Conta	cts exist with OSPAR Convention and Baltic Sea Convention.	
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:	
	http://	guidance on different water uses, see www.igkb.org/fileadmin/user_upload/dokumente/publikationen/vorsch ee-Richtlinien_2005_2015.pdf	riften/B
5.	protec	is the transboundary basin,—sub-basin, part of a basins or group o ted, including the protection of ecosystems, in the context of sustainal water use?	
	_	ation of urbanization, deforestation, and sand and extraction.	
	Enviro season	onmental flow norms, including consideration of levels and nality	
		quality protection, e.g. nitrates, pesticides, faecal coliforms, metals	\boxtimes
	Water	-related species and habitats protection	
	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) meetin	Please describe how information is exchanged (e.g. in connections of joint bodies): with meeting of joint body	on with
	(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)	
		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 exchanin]	ige: [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:	
	https:/	//www.igkb.org/aktuelles/bodensee-wasser-informationssystem-bowis/	
	Data o	f the data base is used to produce a yearly report available to public:	
https:/	berich	gkb.org/oeffentlichkeitsarbeit/limnologischer-zustand-des-sees-gruene te/ (g) What are the main difficulties and challenges to data ex icable?	
	Freque	ency of exchanges	
	Timing	g of exchanges	
	Compa	arability of data and information	
	Limite	d spatial coverage	
	Inadeq	quate resources (technical and/or financial)	
	Other	(please describe): [fill in]	

Additional comments: [fill in]

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

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

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

Yes ⊠/No □

problems

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

				Hydrological	Ecological	Chemical
Border surfa	ce waters					
Surface water	ers in the entire	basin		\boxtimes	\boxtimes	\boxtimes
Surface water watercourse	ers on the main	l				
Surface water	ers in part of th	e basin				
pleas	e describe [fill	in]				
Transbounda or unconnec	ary aquifer(s) (ted)	connected				
riparian hyd	Aquifer(s) in the territory of one riparian hydraulically connected to a transboundary river or lake					
(b)	If joint moni	toring is carrie	d out, how	is this done?		
	National mor	nitoring station tations	is connect	ed through a 1	network	\boxtimes
https://www	Please .igkb.org/aktue	describe: elles/bodensee-	for -wasser-in	details formationssys	please stem-bowis/	consult
	Joint and agr	eed methodolo	ogies			\boxtimes
	Please descr	ibe: [fill in]				
	Joint samplir	ng				
	Please descr	ibe: [fill in]				
	Common mo	nitoring netwo	ork			
	Please descr	ibe: [fill in]				
	Common agr	eed parameter	S			\boxtimes
	Please descr	ibe: [fill in]				

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

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

	(d)	Please describe any difficulties experienced with joint monitoring:	
	Decid	ing upon parameters and methodologies, and assuring comparability of	data
8.		e riparian States carry out joint assessment of the transboundary bas part of a basin or group of basins?	in, sub-
Yes 🔀	/No [
	(e.g., s	please provide the date of the last or only assessment, the frequency an surface waters or groundwaters only, pollution sources, etc.) of the asse ssessment methodology applied:	_
	Annua (http://berich	/www.igkb.org/publikationen/limnologischer-zustand-des-sees-gruene-	reports
9.	Have 1	the riparian States agreed to use joint water quality standards?	
Yes 🔀	/No [
		what standards have been applied, e.g. international or regional sta e specify which), or have national standards of the riparian State d?	
	based	on EU Water legislation	
10.		are the measures implemented to prevent or limit the transboundary in ental 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.		are the measures implemented to prevent or limit the transboundary in ne weather events and climate change?	npact of
		Notification and communication	
		Coordinated or joint alarm system for floods	
		Coordinated or joint alarm system for droughts	
		Joint climate change adaptation strategy	
		Joint disaster risk reduction strategy	
		Other (please list): [fill in]	
		No measures	\boxtimes
		If not, why not? What difficulties does your country face in in place such measures?: [fill in]	putting
12.	Are pr	rocedures in place for mutual assistance in case of a critical situation?	
Yes 🔀	/No [
If yes,	please	provide a brief summary: [fill in]	

13.	Are the public or relevant stakeholders involved in transboundary water management in the basin, sub-basin, part of a basin or group of basins?			
Yes 🛭	☑/No □			
	If yes, how? (please tick all applicable)			
	Stakeholders have observer status in a joint body or mechanism			
	Stakeholders have an advisory role in the joint body			
	Stakeholders have a decision-making role in the joint body			
	If yes, please specify the stakeholders for the joint body or mechanism: [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 ²⁷	\boxtimes		
	Public involvement	\boxtimes		
	Other (please specify): [fill in]			

 $^{^{27}}$ Or, where applicable, aquifer management plans.

Multilateral Commission Danube River

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

Danube river basin

List of the riparian States:

Austria, Bosnia-Herzegowina, Bulgaria, Croatia, Czech Republic, Germany, Hungary, Moldova, Montenegro, Romanie, Serbia, Slovakia, Slovenia, Ukraine (Parties to the treaty) and Albania, Italy, North Macedonia, Poland and Switzerland (Non-Parties, but small parts of the basin)

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

Uncor	fined aquifer connected to a river or lake		
Uncor	fined aquifer with no or limited relation with surface water		
Confi	ned aquifer connected to surface water		
Confi	ned aquifer with no or limited relation with surface water		
Other			
Please	describe:		
Unkno	own		
	ntage of your country's territory within the basin, sub-basin, par of basins: 96% of Austrian territory located in DRB, 10.05% share of		
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 or group or group of basin or group or grou	_	ient(s) of
	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	Š	
	Please insert the name of the agreement(s) or arrangement(s)		
	1994 Convention on Co-operation for the Protection and Sustaina Danube River (Danube River Protection Convention) ²⁸	ble u	se of the
	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		

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

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

86

²⁸ https://www.icpdr.org/main/sites/default/files/DRPC%20English%20ver.pdf

(a)	Does this agreement o	r arrangen	nent specify	the area	subject to co	operation?
Yes ⊠/No □						
If yes, does it cover the entire basin or group of basins and all riparian States?				tates?		
Yes]/No ⊠					
Addit	ional explanations?					
Coun agree	tries with small parts of ment	of the bas	in (less than	n 2.000 l	cm²) are no	t part of the
Or, if basin	the agreement or arrang?	ement rela	ites to a sub-	basin, do	es it cover th	ne entire sub-
Yes []/No					
Addit	ional explanations? [fill	in]				
	h States (including you se list):	ır own) aı	e bound by	the agr	eement or a	rrangement?
	ia, Bosnia and Herzeg ary, Moldova, Montene		•	-		
(b) does i	If the agreement or ar at also cover aquifers?	rangemen	t relates to a	river or	lake basin o	or sub-basin,
Yes [✓/No □					
If yes	, please list the aquifers	covered b	y the agreen	nent or a	rrangement:	
Trans	boundary groundwater	bodies				
	Annex //www.icpdr.org/flowpa e2015-annexes.pdf)	8 aper/viewe	of r/default/file		DRBMP documents/d	2015 Irbmp-
(c)	What is the sectoral so	ope of the	agreement	or arrang	ement?	
	All water uses					\boxtimes
	A single water use or	sector				
	Several water uses or	sectors				
If one	or several water uses o	or sectors,	please list (d	check as	appropriate,) <i>:</i>
Wate	r uses or sectors					
	Industry					
	Agriculture					
	Transport (e.g., naviga	ation)				
	Households					
	Energy: hydropower a	nd other e	nergy types			
	Fisheries					
	Tourism					
	Nature protection					
	Other (please list): [fil	ll in]				

2.

(d) What topics or subjects of cooperation are included in the agreement or arrangement? Procedural and institutional issues Dispute and conflict prevention and resolution \boxtimes Institutional cooperation (joint bodies) \boxtimes \boxtimes Consultation on planned measures \boxtimes Mutual assistance **Topics of cooperation** \boxtimes Joint vision and management objectives Joint significant water management issues \boxtimes \boxtimes Navigation \boxtimes Human health \boxtimes Environmental protection (ecosystem) \boxtimes Water quality Water quantity or allocation \boxtimes \boxtimes Cooperation in addressing floods \boxtimes Cooperation in addressing droughts Climate change adaptation \boxtimes Monitoring and exchange Joint assessments \boxtimes \boxtimes Data collection and exchange Joint monitoring \boxtimes Maintenance of joint pollution inventories \boxtimes Elaboration of joint water quality objectives Common early warning and alarm procedures \boxtimes \boxtimes Exchange of experience between riparian States Exchange of information on planned measures \boxtimes Joint planning and management Development of joint regulations on specific topics

Development of international or joint river, lake or aquifer basin \boxtimes management or action plans Management of shared infrastructure Development of shared infrastructure Other (please list):

Concerning navigation cooperation exists between the ICPDR and the Danube Commission²⁹ based on the Joint Statement for the Development of Inland Navigation and Environmental Protection³⁰

		Navigation and Environmental Potection	
	(e) agreen	What are the main difficulties and challenges that your country facement or arrangement and its implementation, if any?	s 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 agreement and what were the keys to achieving such success?	ement or
	and for	nain concrete achievements of ICPDR have been to provide a platform ocused actions, for political decisions, for cooperation and exc ence, for awareness raising and for convening on agreements across s	hange of
	manag Basin of the Strateg Guidin	joint efforts coordinated and focused by ICPDR have resulted in gical and chemical quality of the water of the Danube. Also, gement has improved. Concrete results of ICPDR are the adoption Management and Flood Risk Management Plans covering the entire of Danube, , a Transnational Monitoring Network, an Early Warning New for adaptation to climate change, a Joint Statement on Navigation and Principles on Sustainable Hydropower, just to name some of trements.	the flood of River catchment fetwork, a as well as
	subsec	o this success has been good cooperation at technical and political level quent building of trust as well as mutual understanding among the cover basin.	
		Please attach a copy of the agreement or arrangement or provide as of the document (please attach document or insert web acable):	
	https:/	/www.icpdr.org/main/sites/default/files/DRPC%20English%20ver.pd	lf
3.	-	ar country a member of any joint body or mechanism for this agreement?	eement or
Yes 🔀]/No [
If no, 1	why no	t? (please explain): [fill in]	

3.

 $^{^{29}\} http://www.danubecommission.org/index.php/de_DE/index$ $^{30}\ https://www.icpdr.org/main/activities-projects/joint-statement-navigation-environment$

Where there is a joint body or mechanism If there is a joint body or mechanism, which kind of joint body or mechanism (please tick one)? Plenipotentiaries Bilateral commission Basin or similar commission Expert group meeting or meeting of national focal points Other (please describe): [fill in] Does the joint body or mechanism cover the entire transboundary basin, subbasin, part of a basin or group of basins? Yes ⊠/No □ Which States (including your own) are members of the joint body or mechanism? (Please list): Austria, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Germany, Hungary, Moldova, Montenegro, Romania, Serbia, Slovakia, Slovenia, Ukraine 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 (Albania, Italy, North Macedonia, Poland an Siwtzerland). 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): Their share of the basin is very small, thus cooperation not needed. Does the joint body or mechanism have any of the following features (please tick the ones applicable)? \boxtimes A secretariat If the secretariat is a permanent one, is it a joint secretariat or does each country host its own secretariat? (Please describe): Permanent joint secretariat \boxtimes A subsidiary body or bodies Please list (e.g., working groups on specific topics): Ad-hoc strategic expert group (S EG) Flood protection expert group (FP EG)

- Accident prevention & control expert group (APC EG)
- Monitoring and assessment expert group (MA EG)
- o Groundwater task group (GW TG)
- Pressures and measures expert group (PM EG)

	0	Nutrient task group (N TG)	
	•	River basin management expert group (RBM EG)	
	o	Hydromorphology task group (HYMO TG)	
	o	Economics task group (ECON TG)	
	•	Public participation expert group (PP EG)	
	•	Information management & GIS expert group (IMG	S EG)
	Other featur	res (please list): [fill in]	
(g)	What are th	e tasks and activities of this joint body or mechanism? ³	1
	Identification	on of pollution sources	\boxtimes
	Data collect	tion and exchange	\boxtimes
	Joint monito	oring	\boxtimes
	Maintenanc	ee of joint pollution inventories	\boxtimes
	Setting emi	ssion limits	
	Elaboration	of joint water quality objectives	
	Managemer	nt and prevention of flood or drought risks	\boxtimes
	Preparednes and alarm p	ss for extreme events, e.g., common early warning procedures	\boxtimes
	Surveillance	e and early warning of water related disease	
	Water alloc	ation and/or flow regulation	\boxtimes
	Policy deve	elopment	\boxtimes
	Control of i	mplementation	\boxtimes
	Exchange o	f experience between riparian States	\boxtimes
	-	of information on existing and planned er and related installations	\boxtimes
	Settling of o	differences and conflicts	\boxtimes
	Consultatio	ns on planned measures	\boxtimes
	Exchange o	f information on best available technology	\boxtimes
	Participatio	n in transboundary EIA	
	Developme action plans	nt of river, lake or aquifer basin management or	\boxtimes
	Managemen	nt of shared infrastructure	
	Addressing	hydromorphological alterations	\boxtimes
	Climate cha	ange adaptation	\boxtimes
	Joint comm	unication strategy	\boxtimes

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.

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) What are the main difficulties and challenges that your country faces operation of the joint body or mechanism, if any?	with the
Governance issues	\boxtimes
Please describe, if any:	
Aligning ICPDR plans and activities with changing national and EU and programmes	policies
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 regu	ılarly?
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	chanism?
see question 2.f above	
(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 coastal St riparian States and therefore already members of the joint body or mechani	

Some of the relevant coastal states are party to the joint body (Bulgaria, Romania, Ukraine). Cooperation exists with the Black Sea Commission.

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

Yes ⊠/No□

If yes, please provide further details:

Danube river basin management plan Update 2015 (https://www.icpdr.org/main/management-plans-danube-river-basin-published)

Danube flood risk management plan 2015 (https://www.icpdr.org/main/management-plans-danube-river-basin-published)

Danube Declaration 2016 (https://www.icpdr.org/main/sites/default/files/nodes/documents/danube-declaration2016.pdf)

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

Guiding Principles on Sustainable Hydropower (http://www.icpdr.org/main/activities-projects/hydropower)

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

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

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

Environmental flow norms, including consideration of levels and seasonality

 \boxtimes

 \boxtimes

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

Water-related species and habitats protection

 \boxtimes

Other measures (please describe): see Danube River Basin Management Plan

- preserve freely flowing river sections
- restore river dynamics
- (permit) a more varied design of the structure of river banks and bottom
- open old alluvial areas to the river
- change to more extensive agriculture in the floodplain
- remove obstacles to the migration of the river fauna
- reconnect old river branches and torrents

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

6.	(a) State	Does your country regularly exchange information and data with others in the basin, sub-basin, part of a basin or group of basins?	ner riparian		
Yes	Yes ⊠/No □				
	(b)	If yes, how often:			
		More than once per year	\boxtimes		
		Once per year			
		Less than once per year			
	(c) meet	Please describe how information is exchanged (e.g. in conne ings of joint bodies):	ction with		
	Joint	monitoring programm			
		alts of those monitoring programmes are discussed in the relevant wert groups and on strategic/political level also with regard to follow-up	_		
	the I Evau	y six years Joint Danube Surveys: joint monitoring campaign at the sar Danube and main tributaries, based on jointly agreed parameters and alation per parameter in the same laboratory. Testing of new monaytical methods.]	d methods.		
	(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):			
		Flood protection measures and their possible effects			
		Accidents with possible transboundary effects on water bodies			
		Other comments, e.g. spatial coverage of data and information excin]	hange: [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 applicable?				
	Frequ	ency of exchanges			
	Timir	ng of exchanges			
	Comparability of data and information				
	Limit	ed spatial coverage			
	Inade	quate resources (technical and/or fin	ancial)		
	Other	(please describe): [fill in]			
	Addit	tional comments: [fill in]			
	(h) basin	What are the main benefits of data or group of basins? (please describe	_	basin, sub-b	asin, part of a
		r overview on the whole basin, coming and alarm system, improved un ems		_	
7.		e riparian States carry out joint monit of a basin or group of basins?	oring in the trans	boundary bas	sin, sub-basin,
Yes 🛭	☑/No [
	()	TC 1 (1 (1))			
	(a)	If yes, what does the joint monitori	ng cover?		
	(a)	If yes, what does the joint monitori	ng cover'! Hydrological	Ecological	Chemical
Borde				Ecological	Chemical
	er surfa	ce waters	Hydrological		
Surfac	er surfa	ce waters ers in the entire basin		Ecological	Chemical
Surfac Surfac	er surfa	ce waters	Hydrological		
Surfac Surfac water	er surfa ce wate ce wate course	ce waters ers in the entire basin	Hydrological		
Surfac Surfac water	er surfa ce wate ce wate course ce wate	ce waters ers in the entire basin ers on the main	Hydrological		
Surface Surface Surface Trans	er surfa ce wate ce wate course ce wate please	ce waters ers in the entire basin ers on the main ers in part of the basin e describe [fill in] ery aquifer(s) (connected	Hydrological		
Surface Surface Surface Transion und Aquif riparia	er surfa ce wate ce wate course please bounda connect er(s) in	ce waters ers in the entire basin ers on the main ers in part of the basin e describe [fill in] ery aquifer(s) (connected	Hydrological		
Surface Surface Surface Transion und Aquif riparia	er surfa ce wate ce wate course please bounda connect er(s) in	ce waters ers in the entire basin ers on the main ers in part of the basin e describe [fill in] ery aquifer(s) (connected ted) in the territory of one raulically connected to a	Hydrological		
Surface Surface Surface Transion und Aquif riparia	er surface water course please boundarier(s) ir an hydroundarier	ce waters ers in the entire basin ers on the main ers in part of the basin e describe [fill in] ery aquifer(s) (connected ted) enthe territory of one raulically connected to a ry river or lake	Hydrological		
Surface Surface Surface Transion und Aquif riparia	er surface water course please boundarier(s) ir an hydroundarier	ce waters ers in the entire basin ers on the main ers in part of the basin e describe [fill in] ery aquifer(s) (connected ted) enthe territory of one raulically connected to a ry river or lake If joint monitoring is carried out, h National monitoring stations connected	Hydrological	□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	
Surface Surface Surface Transion und Aquif riparia	er surface water course please boundarier(s) ir an hydroundarier	ce waters ers in the entire basin ers on the main ers in part of the basin e describe [fill in] ery aquifer(s) (connected ted) enthe territory of one raulically connected to a rry river or lake If joint monitoring is carried out, h National monitoring stations conne or common stations	Hydrological	□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	

		Joint sampling	\boxtimes
		Please describe: Joint Danube Surveys	
		Common monitoring network	\boxtimes
		Please describe: see above	
		Common agreed parameters	\boxtimes
		Please describe: Biological parameters are fish, macrozool macrophytes, phytoplankton, thus the biological quality elements of Water Framework Drective. Also invasive species are looked at.	,
		Chemical substances list is updated regularly. new substances are adany longer problematic ones deleted. Substances of the EQS D (daughter directive to the Water Framework Directive)	
		http://www.icpdr.org/main/activities-projects/tnmn-transnational-monnetwork	itoring-
		http://icpdr.org/main/activities-projects/joint-danube-survey	
	(c)	Please describe the main achievements regarding joint monitoring, if a	any:
		ong-term cooperation yields in long time series of chemical and bineters, that enable joint trend analyses and joint conclusions on the trend	
	the	p to now 4 Joint Danube Surveys have significantly improved the knowl main stream and tributaries as well as on methodologie www.icpdr.org/main/activities-projects/joint-danube-survey)	
	(d)	Please describe any difficulties experienced with joint monitoring:	
8.		e riparian States carry out joint assessment of the transboundary bas part of a basin or group of basins?	in, sub-
Yes 🛭	/No [
	(e.g., s	please provide the date of the last or only assessment, the frequency an surface waters or groundwaters only, pollution sources, etc.) of the assessessment methodology applied:	
	Joint survey	Danube Surveys (https://www.icpdr.org/main/activities-projects/joint-y)	danube-
	Updat	ed River Basin Management Plan	
9.	Have	the riparian States agreed to use joint water quality standards?	
Yes 🔀]/No [
		what standards have been applied, e.g. international or regional stace specify which), or have national standards of the riparian Stated?	
		ding to the EU Water Framework Directive and its daughter directly substances and groundwater	tives on
10.		are the measures implemented to prevent or limit the transboundary in ental pollution?	npact 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 is extreme weather events and climate change?	mpact of
	Notification and communication	
	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 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	s, please provide a brief summary:	
addre	essed mainly on bilateral level (other treaties) and to certain extent through AE	WS EG
13.	Are the public or relevant stakeholders involved in transboundary water man in 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	\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:	
	Intergovernmental organizations	\boxtimes
	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 ³²	\boxtimes
Public involvement	\boxtimes
Other (please specify):	
ICPDR has a public participation expert group, see http://icpdr.org/main/icpdr.or	r/public

³² Or, where applicable, aquifer management plans.

Multilateral Commission Rhine River

Yes □/No ⊠

Name of the transboundary basin, sub-basin, part of a basin or group of basins: Rhine River List of the riparian States: Switzerland, Liechtenstein, Austria, Germany, France, Belgium (Wallon region), Netherlands, Luxembourg, Italy In the case of an aquifer, what is the nature of the aquifer and its relation with the river or lake basin: Unconfined aquifer connected to a river or lake Unconfined aquifer with no or limited relation with surface water Confined aquifer connected to surface water Confined aquifer with no or limited relation with surface water Other Please describe: [fill in]: Unknown Percentage of your country's territory within the basin, sub-basin, part of a basin or group of basins: 2,8% Is there one or more transboundary (bilateral or multilateral) agreement(s) or arrangement(s) on this basin, sub-basin, part of a basin or group of basins? \boxtimes One or more agreements or arrangements exist and are in force Agreement or arrangement developed but not in force Agreement or arrangement developed, but not in force for all riparians Please insert the name of the agreement(s) or arrangement(s) 1999 Convention on the Protection of the Rhine Agreement or arrangement is under development No agreement or arrangement If there is no agreement or arrangement or it is not in force, please explain briefly why not and provide information on any plans to address the situation: [fill in] If there is no agreement or arrangement and no joint body or mechanism for the transboundary basin, sub-basin, part of a basin or group of basins then jump to question 4; if there is no agreement or arrangement, but a joint body or mechanism then go to question 3. Questions 2 and 3 to be completed for each bilateral or multilateral agreement or arrangement in force in the transboundary basin, sub-basin, part of a basin or group of basins. 2. (a) Does this agreement or arrangement specify the area subject to cooperation? Yes ⊠/No □ If yes, does it cover the entire basin or group of basins and all riparian States?

Additional explanations?

The Convention covers only the main stream and only with regard to some issues the whole basin (if problems there have effects on the main stream). In order to cover the whole basin and to involve AT, BE (Walloon region) and Liechtenstein as well as Italy, the other countries in the basin, the so called Coordinating Committee has been established via a decision of a ministerial conference. There are special rules of procedure (Rules of Procedure and Financial Regulations for the Cooperation for the Cooperation of the International Commission for the Protection of the Rhine (ICPR) with the Coordinating Committee (CC) Rhine

************	ne coordinating committee (CC) runne.			
	Thus there is an international platform to coordinate the basin related implementation of the EU Water Framework Directive and the EU Flood Risk Management Directive.			
Or, if basin's	the agreement or arrangement relates to a sub-basin, does it cover the en	itire sub-		
Yes []/No			
Addit	ional explanations? [fill in]			
	h States (including your own) are bound by the agreement or arran se list):	gement?		
Grand Confe Austri	Governments of the Federal Republic of Germany, the French Reputed Duchy of Luxembourg, the Kingdom of the Netherlands, the deteration, and the European Union (ICPR) and Governments of the Repia, the Principality of Liechtenstein, the Region Wallonia and the olic (Coordinating Committee (CC))	e Swiss public of		
(b) does i	If the agreement or arrangement relates to a river or lake basin or su it also cover aquifers?	ıb-basin,		
Yes 🛭	☑/No □			
If yes	, please list the aquifers covered by the agreement or arrangement:			
	ndwater, which is in connection with the Rhine (Article 2 of the ention) and all groundwater in the basin due to the EU Water Frative			
(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 (<i>please list</i>): [fill in]	Ш
(d)	What topics or subjects of cooperation are included in the a	greement or
	agement?	greement of
	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	\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	\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	
	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):

Concerning navigation cooperation exists between the ICPR and the Central Commission for the Navigation of the Rhine, which deals with navigation issues from a transport/technical perspective.

(e) What are the main difficulties and challenges that your country faces with the agreement or arrangement and its implementation, if any?

Aligning implementation of agreement or arrangement with national laws, policies and programmes	\boxtimes
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): Upstream/downstream issues not always coordinate	easy to

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

The main concrete achievement of ICPR has been a tremendous improvement in the ecological and chemical quality of the Rhine and later also its tributaries. This has been achieved through both measures to reduce pollution and river restoration measures e.g. through improving the ecological connectivity and spawning grounds. Also, the flood management has substantially improved. Next to this, improvements include the exchange of data and information between the parties, including a warning and alarm system, and a certain level of alignment of measures and plans in the riparian countries. Key to this success has been close cooperation at technical and political level and the subsequent building of trust as well as mutual understanding among the countries along the river and in the basin.

This basis allows to be flexible and to take up new issues like climate change and its effects, low water monitoring etc. The new programme "Rhine 2040" proves this https://www.iksr.org/fileadmin/user_upload/DKDM/Dokumente/Sonstiges/EN/ot_E n_Rhine_2040.pdf

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

https://www.iksr.org/de/iksr/rechtliche-basis/uebereinkommen

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

Yes ⊠/No □			
If no, why not?	(please explain):	[fill i	n]

Where there is a joint body or mechanism If there is a joint body or mechanism, which kind of joint body or mechanism (please tick one)? Plenipotentiaries Bilateral commission Basin or similar commission Expert group meeting or meeting of national focal points Other (*please describe*): In addition to the ICPR a Coordination Committee of the Rhine countries being Parties to the Convention and the Non-Party countries in the basin (Austria, Walloon Region (Belgium), Liechtenstein and Italy) was established to implement the basin related EU Directives. Does the joint body or mechanism cover the entire transboundary basin, subbasin, part of a basin or group of basins? Yes ⊠/No □ Which States (including your own) are members of the joint body or (c) mechanism? (Please list): The Governments of the Federal Republic of Germany, the French Republic, the Grand Duchy of Luxembourg, the Kingdom of the Netherlands, the Swiss Confederation, and the European Community in the ICPR, those countries and Austria, Liechtenstein, Walloon Region (Belgium) and Italy in the Coordincation Committee (d) Are there any riparian States that are not members of the joint body or mechanism? (please list): [fill in] 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 \boxtimes They have observer status Other (please describe): [fill in]

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

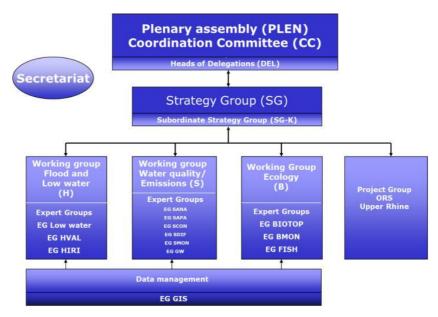
A secretariat

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

Permanent joint secretariat

A subsidiary body or bodies

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



Other features (please list):

Adaptive working structure. Project and expert groups are established as needed, often with a time limited mandate

Regular ministerial conferences

What are the tasks and activities of this joint body or mechanism?³³ (g) \boxtimes Identification of pollution sources Data collection and exchange \boxtimes \boxtimes Joint monitoring \boxtimes Maintenance of joint pollution inventories Setting emission limits \boxtimes Elaboration of joint water quality objectives Management and prevention of flood or drought risks \boxtimes Preparedness for extreme events, e.g., common early warning \boxtimes and alarm procedures Surveillance and early warning of water related disease \boxtimes Water allocation and/or flow regulation Policy development \boxtimes \boxtimes Control of implementation \boxtimes Exchange of experience between riparian States Exchange of information on existing and planned uses of water and related installations \boxtimes

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.

	Settling of differences and conflicts	\boxtimes
	Consultations on planned measures	\boxtimes
	Exchange of information on best available technology	\boxtimes
	Participation in transboundary EIA	\boxtimes
	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	\boxtimes
	Joint resources to support transboundary cooperation	\boxtimes
	Capacity-building	\boxtimes
	Any other tasks (please list):	
	There is no joint communication strategy as such, but elements of it brochures and reports on the tasks and results of the ICPR/CC, joi releases, interviews in media. Joint communication strategy in develop	nt press
(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	\boxtimes
	Please describe, if any:	
	In general, challenges relate to aligning ICPR plans and activitic hanging national and EU policies and programmes, and coming to agon newly arising issues and setting the agenda.	
	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	larly?
	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	hanismʻ
	See 2.	f) above.	
	(k) coope	Did the joint body or mechanism ever invite a non-riparian coastal rate?	State to
Yes []/No [>		
		please give details. If no, why not, e.g. are the relevant coastal Sto an States and therefore already members of the joint body or mechanis	
		ant coastal states are Parties to the joint body or the Coordination Coce, Belgium, Netherlands, Germany).	mmittee
		cts exist with OSPAR Convention (North Sea, North East Atlantic) aronvention.	nd Baltic
4.		joint objectives, a common strategy, a joint or coordinated managemen plan been agreed for the basin, sub-basin, part of a basin or group of b	-
Yes [⊠/No□]	
If yes,	please	provide further details:	
	•	Internationally coordinated river basin management plan 2015 according the EU Water Framework Directive https://www.iksr.ordirectives/european-water-framework-directive/river-basin-manage plan-2015 Internationally coordinated flood risk management plan https://www.iksr.org/en/eu-directives/floods-directive/flood-risk-	g/en/eu- ment-
	•	management-plan Rhine 2020 – Program on the sustainable development of th https://www.iksr.org/fileadmin/user_upload/DKDM/Dokumente/Fahte/EN/rp En 0116.pdf	
	•	Assessment of Rhine https://www.iksr.org/fileadmin/user_upload/DKDM/Dokumente/Bren/EN/bro_En_Assessment_"Rhine_2020".pdf	2020 coschuer
	•	New Programme Rhine https://www.iksr.org/fileadmin/user_upload/DKDM/Dokumente/So EN/ot_En_Rhine_2040.pdf Sediment Management Plan https://www.iksr.org/en/topic	
	•	quality/surface-waters/sediments Low water monitoring https://www.iksr.org/en/topics/low-water/low-monitoring	

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

	_	lation of urbanization, deforestation, and sand and el extraction.			
		conmental flow norms, including consideration of levels and enality	\boxtimes		
		r quality protection, e.g. nitrates, pesticides, faecal coliforms, y metals			
	Wate	r-related species and habitats protection	\boxtimes		
	Othe	r measures (please describe): See plans mentioned under 4., inter alia	ı		
	•		bottom		
	infor	f those measures are realized on national level, not on international mation is compiled on international level and eschange is guarant ing and expert groups of the ICPR.			
6.	(a) State	Does your country regularly exchange information and data with other in the basin, sub-basin, part of a basin or group of basins?	ner riparian		
Yes	⊠/No				
	(b)	If yes, how often:			
		More than once per year	\boxtimes		
		Once per year			
		Less than once per year			
	(c) meet	(c) Please describe how information is exchanged (e.g. in connection with meetings of joint bodies):			
	Exan	Examples:			
		Joint monitoring programms on dangerous substances, special programms in case of emerging substances like miropolutants. I programmes are jointly discussed and agreed on within the ICPR is before their start.	Monitoring		
		Results of those monitoring programmes are discussed in the releva and expert groups and on strategic/political level also with regard to steps.	_		
		Exchange on national projects which might have transboundary eff	ects.		
	(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):	
		Flood protection measures and their possible effects	
		Accidents with possible transboundary effects on water bodies	
		Other comments, e.g. spatial coverage of data and information exchange	ige:
		Rhine and tributaries or whole basin	
	(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:	
relation Englis	ons/doc	fg.de/iksr/ and the ICPR technical reports https://www.iksr.org/er uments/archive/technical-reports (not all of them translated into not an official ICPR language), see full list in iksr.org/fr/relations-publiques/documents/archive/rapports	-
	(g)	What are the main difficulties and challenges to data exchange, if app	licable?
	Frequ	ency of exchanges	
	Timin	g of exchanges	
	Comp	arability of data and information	\boxtimes
	Limite	ed spatial coverage	
	Inadeo	quate resources (technical and/or financial)	
	Other	(please describe): [fill in]	
	Additi	ional comments: [fill in]	
	(h) basin	What are the main benefits of data exchange on the basin, sub-basin, or group of basins? (<i>please describe</i>):	part of a
	substa	overview on the whole basin, comparability, inspiration concerning ences. Good bases for joint planning. Improved possibilities for early arm system, improved understanding of other countries' issues and pro-	warning
7.		e riparian States carry out joint monitoring in the transboundary basin, su f a basin or group of basins?	b-basin,

Yes ⊠/No						
(a)	If yes, what does the joint monitor	oring cover?				
		Hydrological	Ecological	Chemical		
Border surfa	ace waters					
Surface wat	ers in the entire basin	\boxtimes	\boxtimes	\boxtimes		
Surface wat watercourse	ers on the main					
Surface wat	ers in part of the basin					
pleas	se describe [fill in]					
Transbound or unconnect	ary aquifer(s) (connected eted)					
riparian hyd	n the territory of one traulically connected to a ary river or lake					
(b)	If joint monitoring is carried out, National monitoring stations con or common stations		etwork	\boxtimes		
	Please describe:					
	Longstanding joint monitoring networks (substances and biology), see also answer on 6.c) above					
	Biology Monitoring Progr https://www.iksr.org/en/public-re reports/reports-and-brochures-ind presentation?tx_news_pi1%5Bac r%5D=News&tx_news_pi1%5B dabf4a97152ceed9	elations/documents dividual- ction%5D=detail&	tx_news_pi1	%5Bcontrolle		
	https://www.iksr.org/en/topics/w	ater-quality/monit	oring-of-the-	state		
	Rhine Monitoring Programm https://www.iksr.org/en/public-re reports/reports-and-brochures-ind presentation?tx_news_pi1%5Bac r%5D=News&tx_news_pi1%5B 06c5d5463755f9f	elations/documents dividual- ction%5D=detail&	s/archive/tech tx_news_pi1	nnical- %5Bcontrolle		
	Joint and agreed methodologies			\boxtimes		
	Please describe: see ICPR websi	te				
	Joint sampling					
	Please describe: [fill in]					
	Common monitoring network			\boxtimes		
	Please describe: see ICPR websi	te				
	Common agreed parameters					

Please describe: see ICPR website Biological parameters fish, are macrozoobenthos, macrophytes, phytoplankton, thus the biologcical quality elements of the EU Water Framework Drective. Also invasive species are looked at. Chemical substances list is updated regularly. new substances are added, not any longer problematic ones deleted. Substances of the EQS Directive (daughter directive to the Water Framework Directive), but also other substances For more details see ICPR website and links mentioned above in 6 b). Please describe the main achievements regarding joint monitoring, if any: The long-term cooperation yields long time series of chemical and biological parameters, that enable joint trend analyses and joint conclusions on the trends. Please describe any difficulties experienced with joint monitoring: Do the riparian States carry out joint assessment of the transboundary basin, subbasin, part of a basin or group of basins? Yes ⊠/No □ If yes, please provide the date of the last or only assessment, the frequency and scope (e.g., surface waters or groundwaters only, pollution sources, etc.) of the assessment, and assessment methodology applied: progress reports https://www.iksr.org/de/oeffentliches/dokumente/archiv/broschueren) basin management plan 2015 (https://www.iksr.org/de/eurichtlinien/wasserrahmenrichtlinie/bewirtschaftungsplan-2015) Draft river basin management plan 2021 Have the riparian States agreed to use joint water quality standards? Yes ⊠/No □ If yes, what standards have been applied, e.g. international or regional standards (please specify which), or have national standards of the riparian States been groundwater, and Rhine river specific pollutants.

(

applied? Based on quality objectives that the EU Water Framework Directive and its daughter directives set for priority substances and priority hazardous substances and for

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

IU	ental polition:	
	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

(c)

(d)

River

8.

9.

11.	What are the measures implemented to prevent or limit the transboundary is extreme weather events and climate change?	mpact 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?: [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:	
re; the	nere are international bilateral agreements mainly between neighbouring coungard to mutual assistance in case of catastrophies. They have not been negotiate framework of the ICPR, but bilaterally and they cover more than water tastrophies.	ed within
	ney deal with the transboundary cooperation in case of disasters, e.g. on who cow.	ooperates
13.	Are the public or relevant stakeholders involved in transboundary water main the basin, sub-basin, part of a basin or group of basins?	nagement
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	\boxtimes
	Private sectors organizations or associations	\boxtimes
	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	
	Consultation on planned measures or river basin	

management plans³⁴

Public involvement

Other (please specify): [fill in]

³⁴ Or, where applicable, aquifer management plans.

Multilateral Commission Elbe River

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

Elbe	e River Basin		
List	of the riparian States: Germany, Czech Republic, Poland, Austria		
	he case of an aquifer, what is the nature of the aquifer and its relati ake basin:	on 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		
Othe	er		
Plea	se describe:		
Unk	nown		
	centage of your country's territory within the basin, sub-basin, pup of basins: $1,1\%$	art of a	basin 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	-	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 riparia	ans	
	Please insert the name of the agreement(s) or arrangement(s)		
	1990 Convention on the International Commission for the Protection	n of the	Elbe
	Agreement or arrangement is under development		
	No agreement or arrangement		
	If there is no agreement or arrangement or it is not in force, plea why not and provide information on any plans to address the situat	-	
tran que	here is no agreement or arrangement and no joint body or me asboundary basin, sub-basin, part of a basin or group of basin stion 4; if there is no agreement or arrangement, but a joint body ago to question 3.	is then	jump to
arra	stions 2 and 3 to be completed for each bilateral or multilater angement in force in the transboundary basin, sub-basin, part of asins.		
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 ripari	an States	s?
	Yes ⊠/No □		
	Additional explanations? [fill in]		

Or, if basin	The agreement or arrangement relates to a sub-basin, does it cover the e	ntire sub-
Yes [/No	
Addi	tional explanations? [fill in]	
	th States (including your own) are bound by the agreement or arrange list):	ngement
Germ	nany, Czech Republic	
Polar	nd and Austria have observer status	
(b) does	If the agreement or arrangement relates to a river or lake basin or s it also cover aquifers?	ub-basin
Yes [⊠/No	
If yes	s, please list the aquifers covered by the agreement or arrangement: [fil	1 in]
(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	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 agre gement?	ement of
	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	
	Cooperation in addressing droughts	
	Climate change adaptation	\boxtimes
	Monitoring and exchange	
	Joint assessments	
	Data collection and exchange	
	Joint monitoring	
	Maintenance of joint pollution inventories	
	Elaboration of joint water quality objectives	
	Common early warning and alarm procedures	\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	
	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) 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]	

	(f) arrang	What are the main achievements in implementing the agreement and what were the keys to achieving such success?	ement or
		The main concrete achievement of ICPE has been a significant impining the ecological and chemical quality of the Elbe and its basin. This achieved through both measures to reduce pollution and river measures. Also, the flood management has improved. Next improvements include the exchange of data and information be parties, including a warning and alarm system, and a certain level of of measures and plans in the riparian countries. Key to this success good cooperation at technical level and the subsequent building of the as mutual understanding among the countries along the river and in	s has been restoration to this, tween the alignment s has been ust as well
	(g) addres applic	Please attach a copy of the agreement or arrangement or providences of the document (please attach document or insert web a cable):	
		www.ikse- org/fileadmin/media/user_upload/D/02_IKSE/Vereinbarung_ueber_I	KSE.pdf
3.		or country a member of any joint body or mechanism for this agreement?	eement or
Yes [⊠/No [
If no,	why no	t? (please explain): [fill in]	
Whe	re there	e is a joint body or mechanism	
	(a) (pleas	If there is a joint body or mechanism, which kind of joint body or meetick one)?	nechanism
		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 be part of a basin or group of basins?	asin, sub-
Yes [⊠/No [
	(c) mecha	Which States (including your own) are members of the joint anism? (Please list):	body or
	Germa	any, Czech Republic	
	(d) mecha	Are there any riparian States that are not members of the join anism? (please list):	t body or
	Polano	d and Austria are not Parties to the agreement due to their small pa	arts of the
	basin,	but they are members of the coordination group ICG in order to impasin related directives, see working structure below	
	basin, EU ba (e)	but they are members of the coordination group ICG in order to imp	lement all

They have observer status

 \boxtimes

Other (*please describe*):

Poland and Austria have observer status.

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

A secretariat

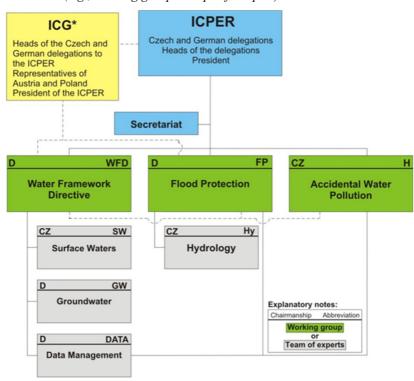
If the secretariat is a permanent one, is it a joint secretariat or does each country host its own secretariat? (Please describe):

Joint secretariat

A subsidiary body or bodies

 \boxtimes

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



^{*} The International Coordination Group (ICG) solves the issues of international cooperation related to the implementations of the Water Framework Directive and the EU Flood Directive in the Elbe River basin.

Other features (please list): [fill in]

(g) What are the tasks and activities of this joint body or mechanism?³⁵

Identification of pollution sources

 \boxtimes

Data collection and exchange

 \boxtimes

Joint monitoring

 \boxtimes

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

	Maintenance of joint pollution inventories	
	Setting emission limits	
	Elaboration of joint water quality objectives	
	Management and prevention of flood or drought risks	\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	
	Addressing hydromorphological alterations	\boxtimes
	Climate change adaptation	\boxtimes
	Joint communication strategy	
	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	\boxtimes
	Please describe, if any:	
	In general, challenges relate to aligning ICPE plans and activitic changing national policies and programmes, and coming to agree newly arising issues and setting the agenda.	
	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	larly?
	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	hanism?
		International River Basin Management Plan for the River Basin Distri	ict Elbe
		International Flood Risk Management Plan for the River Basin District	et Elbe
	(k) coope	Did the joint body or mechanism ever invite a non-riparian coastal rate?	State to
Yes []/No [>		
		please give details. If no, why not, e.g. are the relevant coastal Sta an States and therefore already members of the joint body or mechanis	
	Germa	any is coastal state and Party to the ICPE Convention.	
4.		joint objectives, a common strategy, a joint or coordinated managemen plan been agreed for the basin, sub-basin, part of a basin or group of b	
Yes 🛭]/No[]	
If yes,	please	provide further details:	
	https:/ mkol.o	d International River Basin Management Plan //www.ikse- org/fileadmin/media/user_upload/D/06_Publikationen/01_Wasserrahm 015_IKSE-IntBewiPlan_2016-2021_Web.pdf	enrichtl
	http://mkol.d	nternational Flood Risk Management Plan www.ikse- org/fileadmin/media/user_upload/D/06_Publikationen/02_Hochwasser KSE-IHWRMP.pdf	schutz/2
	Sedim	nent Management Concept	

https://www.iksemkol.org/fileadmin/media/user upload/D/06 Publikationen/01 Wasserrahmenrichtl inie/2014 IKSE-Abschlussbericht%20Sediment.pdf (only available in German and Czech) English executive summary http://www.iksemkol.org/fileadmin/media/user upload/E/06 Publikationen/01 Wasserrahmenrichtli nie/2015 ICPER-Infomation-Sheet Sediment.pdf 5. How is the transboundary basin,-sub-basin, part of a basins or group of basins protected, including the protection of ecosystems, in the context of sustainable and rational water use? Regulation of urbanization, deforestation, and sand and \boxtimes gravel extraction. Environmental flow norms, including consideration of levels and seasonality \boxtimes Water quality protection, e.g. nitrates, pesticides, faecal coliforms, \boxtimes heavy metals Water-related species and habitats protection \boxtimes Other measures (please describe): see Elbe River Basin Management Plan All of those measures are realized on national level, not on international level. But information is compiled on international level and exchange is guaranteed in the working and expert groups in the ICPE. 6. Does your country regularly exchange information and data with other riparian States in the basin, sub-basin, part of a basin or group of basins? Yes ⊠/No □ (b) If yes, how often: \boxtimes More than once per year \Box Once per year Less than once per year Please describe how information is exchanged (e.g. in connection with meetings of joint bodies): in connection with meetings of working groups and via email exchange (d) If yes, on what subjects are information and data exchanged? **Environmental conditions** \boxtimes \boxtimes Research activities and application of best available techniques \boxtimes Emission monitoring data Planned measures taken to prevent, control or reduce \boxtimes transboundary impacts Point source pollution sources \boxtimes \boxtimes Diffuse pollution sources Existing hydromorphological alterations (dams, etc.) \boxtimes \boxtimes Flows or water levels (including groundwater levels)

		Water abstractions			\boxtimes
		Climatological information			
		Future planned measures with transbinfrastructure development	oundary impac	ets, such as	\boxtimes
		Other subjects (please list): [fill in]			
		Other comments, e.g. spatial coveragin]	ge of data and i	nformation e	exchange: [fill
	(e)	Is there a shared database or information	tion platform?		
Yes [⊠/No [
	(f)	Is the database publicly available?			
Yes [/No [\boxtimes			
<i>If yes</i>	, please	e provide the web address:			
		ICPE monitoring progr .org/fileadmin/media/user_upload/D/0 PE/IMPE/IKSE-Messprogramm_2017	4_Themen/02_		p://www.ikse- ete/Dokument
	(g)	What are the main difficulties and ch	nallenges to dat	a exchange,	if applicable?
	Frequ	uency of exchanges			
	Timii	ng of exchanges			
	Comp	parability of data and information			\boxtimes
	Limit	ted spatial coverage			
	Inade	equate resources (technical and/or final	ncial)		
	Other	r (please describe): [fill in]			
	Additional comments: [fill in]				
	(h) basin	What are the main benefits of data e or group of basins? (please describe):		basin, sub-b	asin, part of a
		r overview on the whole basin, comping and alarm system, improved undo ems		_	-
7.		ne riparian States carry out joint moniton of a basin or group of basins?	ring in the trans	boundary bas	sin, sub-basin,
Yes [⊠/No [
	(a)	If yes, what does the joint monitoring	g cover?		
			Hydrological	Ecological	Chemical
Borde	er surfa	ice waters			
Surfa	ce wate	ers in the entire basin		\boxtimes	\boxtimes
	ce wate	ers on the main			
Surface waters in part of the basin					П

				Hydrological	Ecological	Chemical
1	lease describe [f	ill in]				
	oundary aquifer(s)) (connected				
riparian	(s) in the territory hydraulically coundary river or la	nnected to a				
(b) If joint mo	nitoring is car	ried out, how	is this done?		
	National m	nonitoring stati n stations	ions connecte	ed through a r	network	
mkol.or	Please og/themen/gewaes	describe: fo	r details	please co	nsult: http	s://www.ikse-
	Joint and a	greed method	ologies			
	Please des	cribe: [fill in]				
	Joint samp	ling				\boxtimes
		scribe: : In no nonitoring met	_		_	
	Common r	nonitoring net	work			
	Please des	cribe: [fill in]				
	Common a	greed parame	ters			\boxtimes
	Please des	cribe: [fill in]				
(c) Please des	cribe the main	achievemen	ts regarding jo	oint monitorii	ng, if any:
	The long-term co		_			_
(d) Please des	cribe any diffic	culties exper	ienced with jo	oint monitorir	ıg:
	Comparab	ility of data				
	Oo the riparian S pasin, part of a ba			sment of the	transbounda	ry basin, sub-
Yes 🖂	No 🗌					
(f yes, please prov e.g., surface wate ind assessment m	ers or groundv	vaters only, p			
S	Second Internatio	nal River Basi	n Manageme	ent Plan, see li	ink under 4. a	lbove
1	CPE mon nkol.org/fileadmi _IMPE/IMPE/IK			Themen/02_	\ 1	p://www.ikse- ete/Dokumen
9. I	Have the riparian	States agreed	to use joint v	water quality s	tandards?	
Yes 🔀	No 🗀					

(please specify which), or have national standards of the riparian States been applied? According to the EU Water Framework Directive and its daughter directives on priority substances and groundwater 10. What are the measures implemented to prevent or limit the transboundary impact of accidental pollution? Notification and communication Coordinated or joint early warning or alarm system for accidental \boxtimes water pollution Other (please list): [fill in] No measures If not, why not? What difficulties does your country face in putting in place such measures?: [fill in] What are the measures implemented to prevent or limit the transboundary impact of 11. extreme weather events and climate change? Notification and communication 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): Coordination of the implementation of the EU Flood Risk Management Directive = Joint disaster risk reduction No measures If not, why not? What difficulties does your country face in putting in place such measures?: [fill in] Are procedures in place for mutual assistance in case of a critical situation? 12. Yes ⊠/No □ If yes, please provide a brief summary: Bilateral treaties, independent from the Elbe Convention. It deals with the transboundary cooperation in case of disasters, e.g. on who cooperates how. Are the public or relevant stakeholders involved in transboundary water management in the basin, sub-basin, part of a basin or group of basins? Yes ⊠/No □ If yes, how? (please tick all applicable) Stakeholders have observer status in a joint body \boxtimes or mechanism Stakeholders have an advisory role in the joint body Stakeholders have a decision-making role in the joint body

If yes, what standards have been applied, e.g. international or regional standards

If yes, please specify the stakeholders for the joint body or mechanism: [fill in] \boxtimes Intergovernmental organizations \boxtimes Private sectors organizations or associations \boxtimes 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 plans³⁶ \boxtimes \boxtimes Public involvement Other (please specify): [fill in]

³⁶ Or, where applicable, aquifer management plans.

III.

Water management at the national level
In this section, you are requested to provide general information on water management at the national level as it relates to transboundary waters. Information on specific transboundary basins, sub-basins, part of basins and groups of basins, should be presented in section II and not repeated here.
1. (a) Does your country's national legislation, policies, action plans and strategies refer to measures to prevent, control and reduce any transboundary impact?
Yes ⊠/No □
If yes, please briefly describe the main national laws, policies, action plans and strategies
The Convention on the Protection and Use of transboundary watercourses and

international lakes was implemented into national law based on legal act³⁷, where the provisions of Article 2 of the UNECE Convention in terms of prevention, control and reduction of transboundary impacts are reflected.

In addition, the Austrian Water Act³⁸ provides the main legal basis for measures and instruments for the prevention, control and reduction of impacts to surface waters and

	ground	iwater both, at national as w	en as on transboundary level.	
	(b)	Does your country's legisla	ation provide for the following principles?	
		Precautionary principle	Yes ⊠/No □	
		Polluter pays principle	Yes ⊠/No □	
		Sustainable development	Yes ⊠/No □	
		User pays principle	Yes ⊠/No □	
		If yes, please briefly descriptional level:	ribe how these principles are implemented	d at the
	Principles are implemented in provisions of the Austrian Water Act (e.g. A 55e WRG 1959 i.d.g.F ³⁹)			e.g. Art.
			a national licensing or permitting syst point source pollution? (e.g., in industry, nagement or other sectors)?	
Yes 🗵]/No []		
If yes,	for whi	ich sectors?		
	Indust	ry		\boxtimes
	Minin	g		\boxtimes
	Energ	ý		\boxtimes
	Munic	ipal		\boxtimes
	Livest	ock raising		\boxtimes
	Aquac	ulture		\boxtimes
	Other	(please list): [fill in]		

³⁷ BGBl 578/1996

³⁸ Wasserrechtsgesetz 1959 (WRG 1959, BGBl. Nr. 215/1959 zuletzt geändert durch BGBl. I Nr. 73/2018)

 $^{^{39}\} https://www.ris.bka.gv.at/GeltendeFassung.wxe?Abfrage=Bundesnormen\&Gesetzesnummer=10010290$

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

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

Based on the provisions of the Austrian Water Act every water use which goes beyond insignificance needs to be permitted by the competent authority. This includes permissions for discharges from any kind of point source pollution.

Several ordinances⁴⁰ provide emission limits for wastewater discharges for urban wastewater treatment plants as well as for industrial wastewater discharges from diverse industrial branches based on BAT.

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			
Monitoring of physical and chemical impacts on water			
Monitoring of ecological impacts on water	\boxtimes		
Conditions on permits	\boxtimes		
Inspectorate			
Other means (please list): [fill in]			
If your country does not have a discharge monitoring system, please explain why no or provide information if there are plans to introduce a discharge monitoring system [fill in] (e) What are the main measures which your country takes to reduce diffuse source of water pollution on transboundary waters (e.g., from agriculture, transport, forestror aquaculture)? The measures listed below relate to agriculture, but other sectors make 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	\boxtimes		
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	\boxtimes		

 $^{^{40}\,}https://www.bmlrt.gv.at/wasser/wasser-oesterreich/wasserrecht_national/abwasser_emissionsbegrenzung0.html$

Technical measures		
Source control measures		
Crop rotation	\boxtimes	
Tillage control	\boxtimes	
Winter cover crops	\boxtimes	
Others (please list): [fill in]		
Other measures		
Buffer/filter strips	\boxtimes	
Wetland reconstruction		
Sedimentation traps		
Chemical measures		
Others (please list): [fill in]		
Other types of measures		
If yes, please list:		
In Austria the main instruments to address diffuse sources of pollution are the Nitrates Action Programme (implementation of the EU Nitrates Directive (91/676/EWG), which has to be applied mandatorily on the whole territory and includes legislative measures (e.g. norms for the use of fertilisers and manure) as well as technical measures (e.g. buffer strips). The use of pesticides is in principles regulated on federal level and in detail on the level of provinces.		
Mandatory measures of the nitrates action programme are supported by the Agri-Environmental programme ÖPUL 2015-2020, which is part of the Austrian Rural Development Programme and consists of measures to be applied on a voluntary basis, which go beyond legal provisions and imply e.g. technical measures (crop rotation, tillage control, catch crops,). For application of the respective measures monetary incentives are provided due to additional efforts for farmers.		
Agricultural extension services are available in all provinces of Aust valuable support to farmers to enhance environmental friendly agricultural extension services are available in all provinces of Aust valuable support to farmers to enhance environmental friendly agricultural extension services are available in all provinces of Aust valuable support to farmers to enhance environmental friendly agricultural extension services are available in all provinces of Aust valuable support to farmers to enhance environmental friendly agricultural extension services are available in all provinces of Aust valuable support to farmers to enhance environmental friendly agricultural extension and the support to farmers to enhance environmental friendly agricultural extension and the support to farmers to enhance environmental friendly agricultural extension and the support to farmer to enhance environmental friendly agricultural extension and the support to farmer to enhance environmental friendly agricultural extension and the support to farmer to enhance environmental extension and the support to farmer to enhance environmental extension and the support to farmer to enhance environmental extension and the support to environmental extension extension and the support to environmental extension exten		
All these measures are effective to reduce impacts from diffuse pollowaters and groundwater both, at national as well as on transboundary		
(f) What are the main measures which your country takes to resources allocation and use efficiency?	enhance water	
Please tick as appropriate (not all might be relevant)		
A regulatory system regarding water abstraction	\boxtimes	
Monitoring and control of abstractions	\boxtimes	
Water rights are defined	\boxtimes	
Water allocation priorities are listed		
Water-saving technologies	\boxtimes	
Advanced irrigation techniques	\boxtimes	
Demand management activities	\boxtimes	

 \boxtimes

Water abstractions need to be permitted based on the provisions of the Water Act. Permissions are subject to strict conditions, e.g. requirement of water meters, and are limited in time as well as in the amount to be abstracted.

All water services in Austria (at least water supply, wastewater disposal and treatment) are operated following the polluter-pays-principle on the principle of cost recovery including environmental and resource costs. Communities are empowered to determine and to levy water tariffs for the use of water supply and wastewater disposal services.

Permissions for industrial water uses are used to prescribe water saving technologies or water reuse according to best available technology.

The Rural Development Program⁴¹ provides subsidies e.g. for investments into irrigation infrastructure, which are connected to the introduction of water saving irrigation technologies. Subsidies provided for construction and rehabilitation of water supply infrastructure in frame of the environmental support act⁴² were decisive to reduce water leakages. All the above mentioned measures were and are helpful to decouple water uses from economic development.

(g)	Does your country	apply the e	ecosystems a	pproach?
(5)	Dodd jour country			ppromerr.

Yes ⊠/No □

If yes, please describe how:

The EU Water Framework Directive (2000/60/EC) requires the protection, the prevention of deterioration and the enhancement of the status of aquatic and connected terrestrial ecosystems, which was implemented into national legislation (Austrian Water Act).

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

Yes ⊠/No □

If yes, please briefly describe the most important measures:

Objective of the Austrian Water act is to keep groundwater in a status that it can be used as drinking water, instruments to address point sources are (i) Prohibition of direct discharges of dangerous substances to groundwater and (ii) restriction of indirect discharges (subject to permission with strict conditions) from e.g. discharges of treated wastewater or runoff from paved urban areas; diffuse sources are addressed mainly by nitrates action program⁴³ (implementation of the EU Nitrates Directive) for pollution from agriculture, stricter measures can be applied if needed on the provincial level based on provisions of Water act. Additionally, the use of fertilisers or pesticides can be restricted or prohibited in protected areas (areas devoted to water abstraction for reasons of water supply). Furthermore, the Agri-Environmental Program ÖPUL⁴⁴ contains measures to improve the environmental performance of farming, participation to the program is on a voluntary basis.

⁴¹ https://www.bmlrt.gv.at/land/laendl_entwicklung/foerderinfo/sonderrichtlinien_auswahlkriterien/srl_le_2014-2020.html

⁴² https://www.bmlrt.gv.at/wasser/wasser-oesterreich/foerderungen.html

⁴³ https://www.bmlrt.gv.at/wasser/wasser-

oesterreich/wasserrecht national/recht gewaesserschutz/APNitrat2012.html

 $^{^{44}\} https://www.bmlrt.gv.at/land/laendl_entwicklung/oepul/oepul2015.html$

	2.	Do your national laws require transboundary environmental impact as (EIA)?	ssessment	
	Yes [⊠/No		
		If yes, please briefly describe the legislative basis, and any related improcedures.	lementing	
		Provisions of the Espoo-Convention together with Article 10 of the Austrian (UVP-G) ⁴⁵ .	EIA Act	
		If not, do other measures provide for transboundary EIA? [fill in]		
IV.	Final questions			
	1.			
		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	\boxtimes	
		Environmental pressures, e.g. extreme events		
		Sovereignty concerns		
		Please list other challenges and/or provide further details:		
		Transboundary cooperation following the example of the riv commissions of the Danube, the Rhine and the Elbe has prov However, challenges are availability of necessary resources, harmon methodologies and results of assessments, e.g. for border rivers (appl methodologies used on the national level may result in different ass for the respective water bodies – harmonisation of methodologies are is needed and executed, but not always possible due to different co (differences in methodologies on national level))	ed itself. isation of ication of sessments and results	
	2.	What have been the main achievements in-cooperating on transboundary wa	aters?	
		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	\boxtimes	
		Better knowledge and understanding	\boxtimes	

 $^{^{45}\} https://www.bmlrt.gv.at/umwelt/betriebl_umweltschutz_uvp/uvp/espookonv.html$

	Dispute avoidance	\boxtimes			
	Stakeholder engagement	\boxtimes			
	Please list other achievements, keys to achieving success, and/or provide examples:	concrete			
	Common preparation of the basin-wide River Basin Management Plans and the Risk Management Plans for the Danube River Basin, the Rhine River Basin Elbe River Basin				
3.	Please indicate which institutions were consulted during the completion questionnaire	of the			
	Joint body or mechanism				
	Other riparian or aquifer countries	\boxtimes			
	National water management authority	\boxtimes			
	Environment agency/ authority				
	Basin authority (national)				
	Local or provincial government				
	Geological survey (national)				
	Non-water specific ministries, e.g. foreign affairs, finance, forestry and energy				
	Civil society organizations				
	Water user associations				
	Private sector				
	Other (please list): [fill in]				
	Please briefly describe the process by which the questionnaire was con [fill in]	mpleted:			
4.	If you have any other comments please add them here (insert comments): [fil	ll in]			
5.	Name and contact details of the person(s) who filled out the questionnaire insert):	: (please			
	Dr. Christian Schilling				
	Bundesministerium für Landwirtschaft, Regionen und Tourismus				
	Marxergasse 2, 1030 Wien				
	Phone: +43-1-71100-607111				
	Email: christian.schilling@bmlrt.gv.at				
Date: Signat	19/06/2020 (initial submission); 24/11/2020 (final revised submission) ture:				

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