

GLOBAL WORKSHOP ON FUNDING AND FINANCING TRANSBOUNDARY WATER COOPERATION AND BASIN DEVELOPMENT

5-6 DECEMBER 2023 | GENEVA



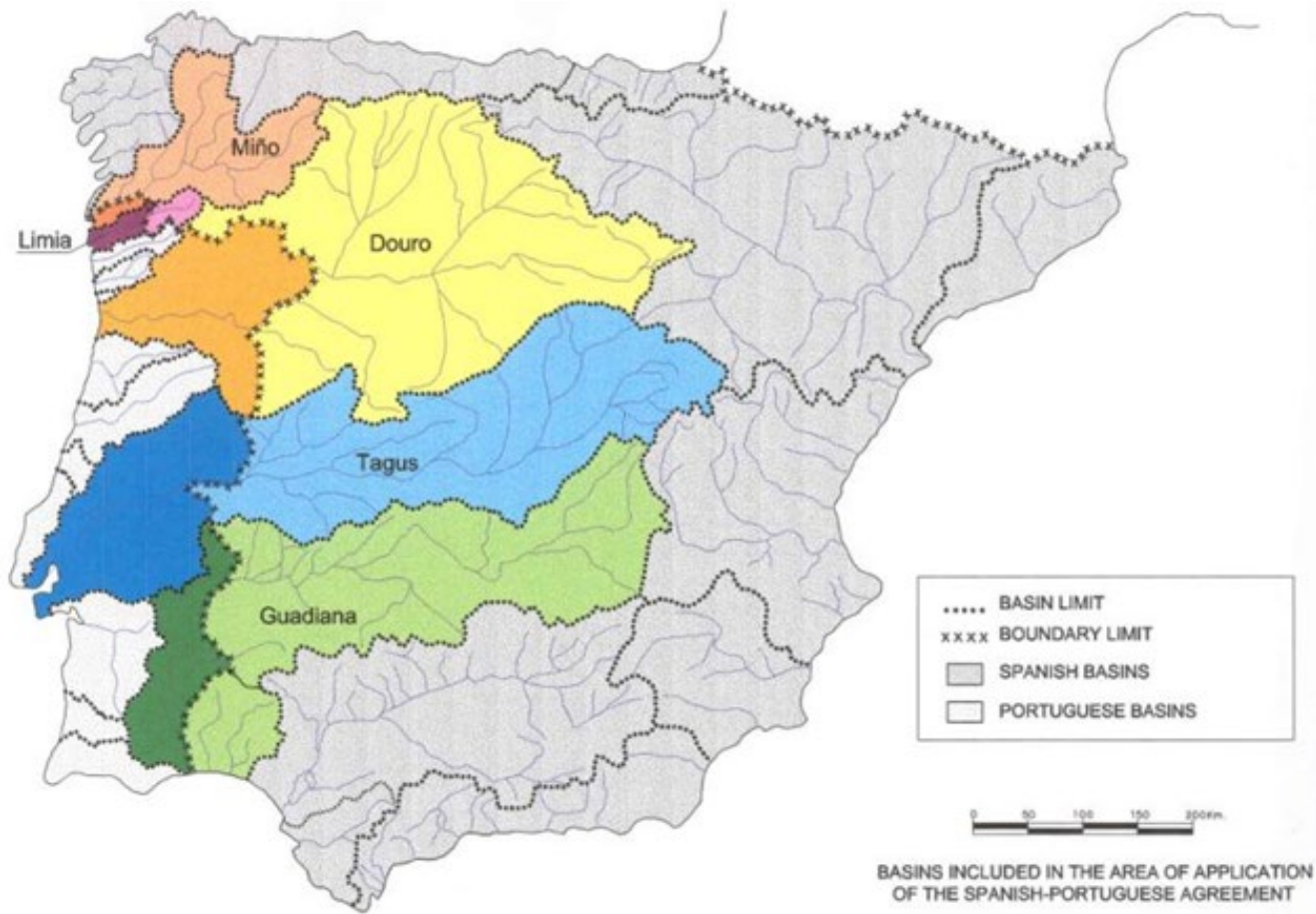
GOBIERNO DE ESPAÑA

VICEPRESIDENCIA TERCERA DEL GOBIERNO

MINISTERIO PARA LA TRANSICIÓN ECOLÓGICA Y EL RETO DEMOGRÁFICO

Securing national budget to support the establishment, functioning and work of institutional mechanisms for transboundary water cooperation: experience sharing from Spain

C. Marcuello – DG Water - MITECO



Shared Surface:

264.560 km²

 **22 %**

 **78 %**

- ✓ Spain and Portugal: Members of the UE, common env. acquis
- ✓ Directive 2000/60/EC, *establishing a framework for Community action in the field of water policy*, applies on both sides
- ✓ Albufeira Convention 1998 – Implemented by the CADC
- ✓ Reviewed in 2008: includes quarterly flow regime
- ✓ ES-PT anual Summits: Address water under the CADC umbrella.

DIRECTIVE 2000/60/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 23 October 2000 establishing a framework for Community action in the field of water policy (aka Water Framework Directive):

Coordination of administrative arrangements within river basin district (art.3)

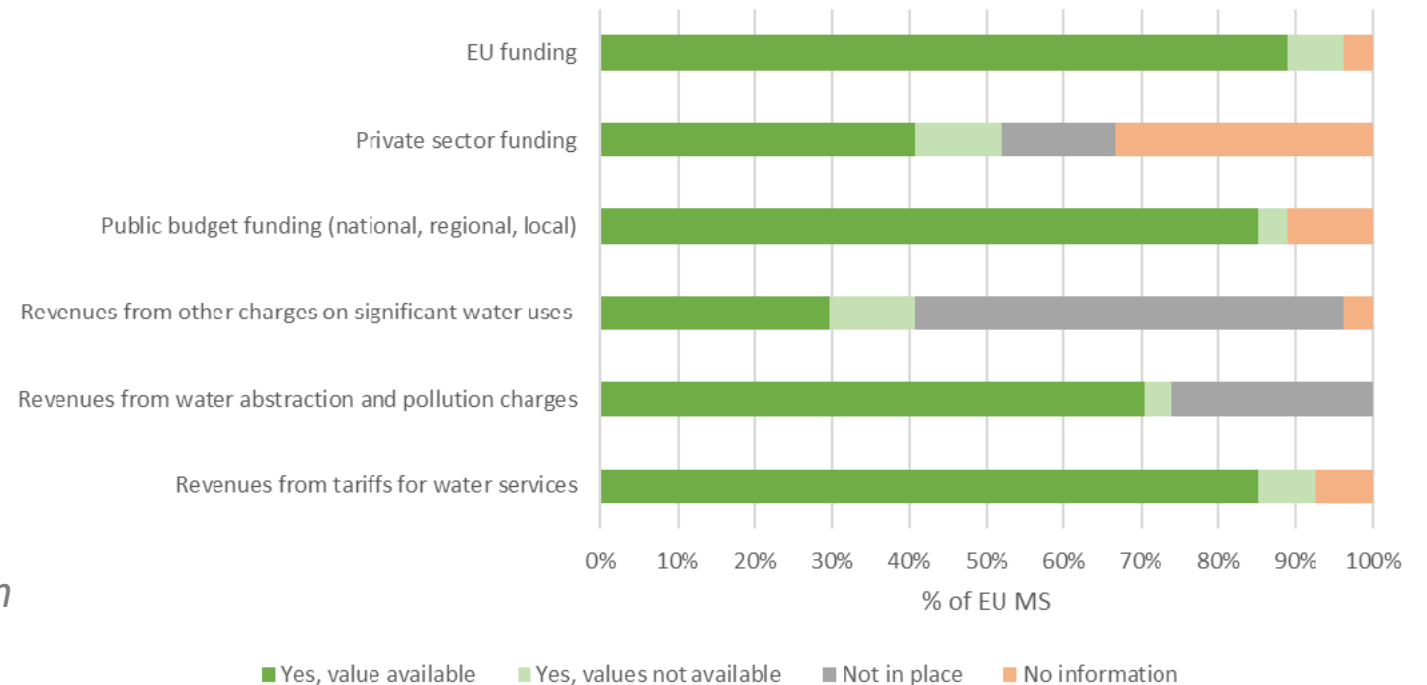
River Basin Management Plans every 6 years since 2009 (art. 13) – currently on the 3rd cycle

- Public information and consultation (art.14)
- Recovery of costs for water services based on economic analysis (art.9)
- Programme of measures (art.11)

Financing measures in EU MS:

EC, 2021 - Economic data related to the implementation of the Water Framework Directive and the financing of measures:

In total, the capital investment costs of the measures planned in the 2nd RBMPs (2016-2021) of the WFD reach at least EUR 142 billion



River Basin Management Plans in Spain: - 3rd cycle (2023 – 2027)

Passed by the Government in January 2023:

- ✓ Allocate water to users from mix of sources: surface, groundwater, reuse, desalination
- ✓ Achievement of environmental objectives:
 - demand management,
 - improving water efficiency,
 - abating contamination

Measures and budget (recovered by taxes/tariffs at central, regional and municipal levels)

- **6,500 measures for all RBs with an investment of 22,844 million euro (mio€) mainly distributed as:**
 - **47% Central Administration; 36% regional admin.**
- **Wastewater Treatment and sanitation: 6,644 mio€; irrigation: 5,071 mio€; drinking water supply: 2,260 mio€**
- **Desalination and water reuse: 1,270 mio€**
- **Digitalization of the urban and agricultural sector: 3.000 mio€**
- **Information by basins: <https://servicio.mapa.gob.es/pphh/queries/resumenMedidas?ciclo=253>**

Transboundary consultation (eg. Duero/Douro – 27 shared waterbodies):

Tabela 9 –Medidas del plan hidrológico del Duero de tercer ciclo, definidas para as massas de água partilhadas na Região Hidrográfica do Douro

CÓDIGO ES	NOME DA MASSA ES	CÓDIGO ES	NOME ES	DESCRIÇÃO ES	TIPO ES	GRUPO KTM ES	QUANTIDADE 2022/27 ES
ES02030400563	Rivera de Dos Casas 3	6405758	Medida de restauração. Permeabilização da massa 30400563-Rivera de Dos Casas 3	Medida de restauração. Permeabilização da massa 30400563-Rivera de Dos Casas 3	Medidas de restauração. Restauração de rios e zonas húmidas	KTMS - Melhoria da continuidade longitudinal (por exemplo, estabelecimento de escadas para peixes ou demolição de barragens em desuso)	42.308,67
ES02030400224	Rio Tâmega 3	6400002	Extensão E.T.A.R. Tratamento terciário. Rio Tâmega. Monterrei, Verín	Extensão E.T.A.R. Tratamento terciário. Rio Tâmega. Monterrei, Verín	Saneamento e tratamento	KTM1 - Construção ou modernização de estações de tratamento de águas residuais	4.096.614,00
ES02030400224	Rio Tâmega 3	6400042	Tratamento. Vários cursos dentro da Rede Natura 2000. AU < 500 heq	AÇÕES DE SANEAMENTO E TRATAMENTO DENTRO DA REDE NATURA EM AUU 500 hb-eq	Saneamento e tratamento	KTM1 - Construção ou modernização de estações de tratamento de águas residuais	13.966,48
ES02030400224	Rio Tâmega 3	6403595	Monitorização. Qualidade físico-química da secção espanhola do Tâmega e repercussão em Portugal	Monitorização detalhada da qualidade físico-química da secção espanhola do rio Tâmega e análise do seu possível impacto em Portugal	Medidas de monitorização	KTM99 - Outras medidas nacionais relacionadas no PH	7.908,86
ES02030400224	Rio Tâmega 3	6404320	Medida de restauração. Permeabilização da massa 30400224 - Rio Tâmega 3	Medida de restauração. Permeabilização da massa 30400224 - Rio Tâmega 3	Medidas de restauração. Restauração de	KTMS - Melhoria da continuidade longitudinal (por exemplo, estabelecimento de escadas para	247.016,82



Ficha de caracterização de massa de água partilhada da Região Hidrográfica Douro no ciclo de Planeamento 2016-2021

Ficha de masa de agua compartida de la Demarcación Hidrográfica del Duero en el ciclo de Planificación 2016-2021

Código PT: PT03DOU0141 Nome: Rio Assureira

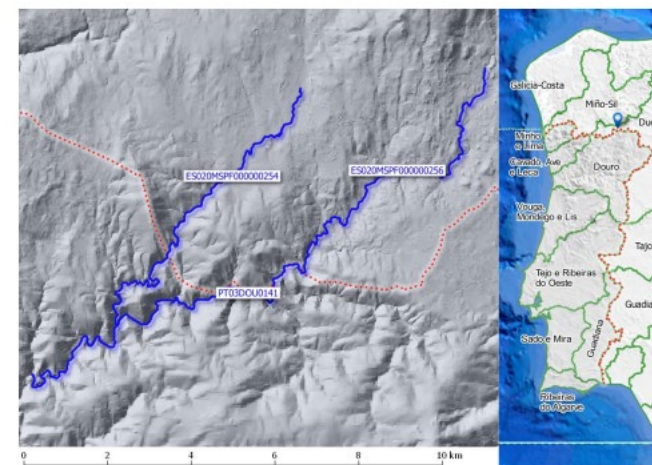
Código ES: ES020MSPF000000254 Nombre Masa: Regueiro das Veigas desde cabecera hasta frontera con Portugal

Categoria: Rio / Río Bacia hidrográfica/Cuenca hidrográfica: DOURO / DUERO Extensão/Longitud (km)/ Área (km²): 15,3253 / 6,60989312153406

Natureza/Naturaleza: Natural / Natural Justificação da designação como fortemente modificada/ Justificación de la designación como muy modificada:

Carácter: Transfronteiriça / Transfronteriza

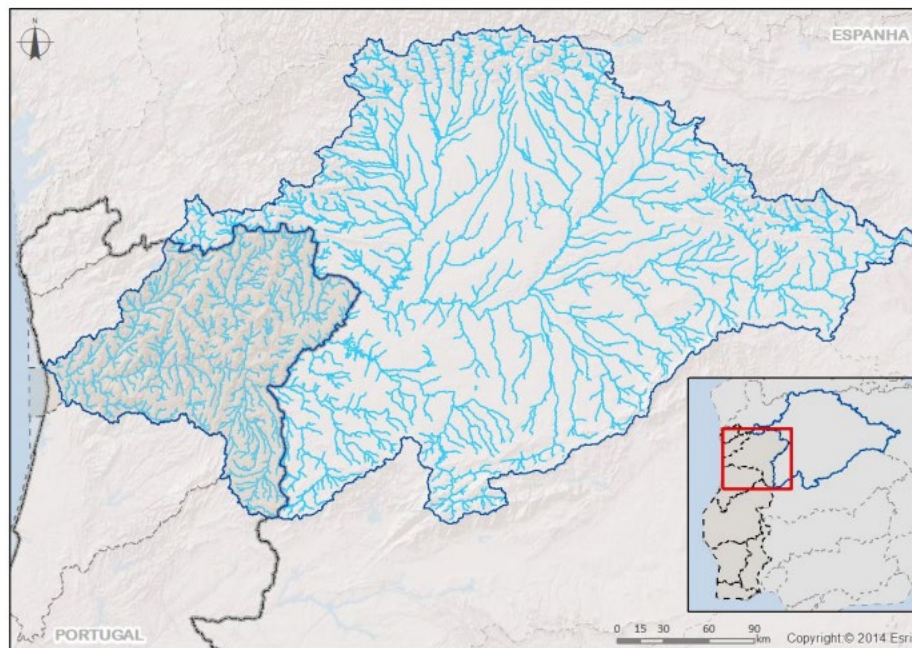
Tipologia: R_N1P - Rios do Norte de Pequena Dimensão / RT-25 - Rios de montanha húmeda silíceia



Enquadramento Territorial/ Marco Territorial

PT Concelhos: Vinhais

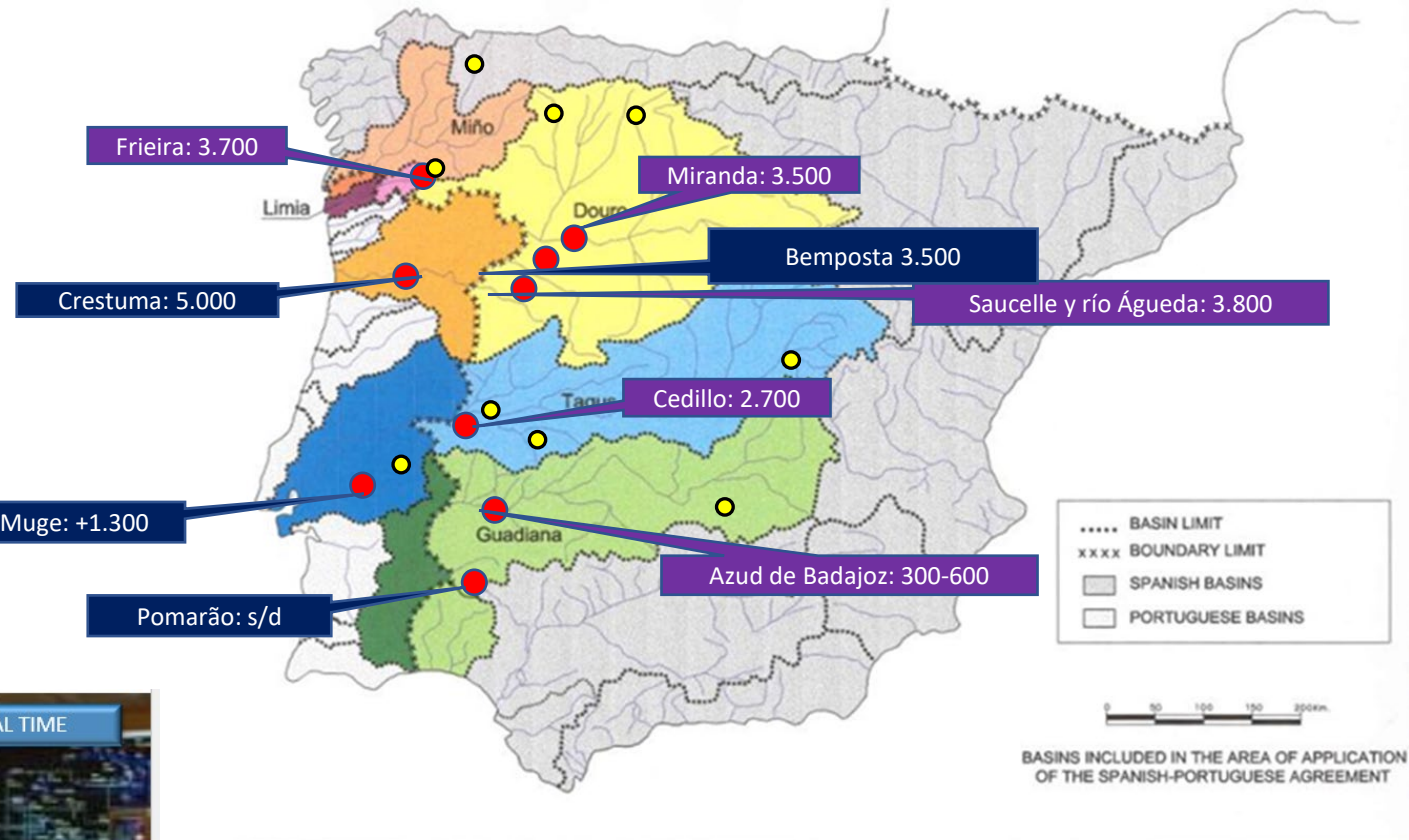
ES Municipios: Puebla de Sanabria ,Pedralba de la Pradería





RBMPs must ensure compliance with Albufeira Convention

Common projects for improving knowledge (eg. POCTEP Albufeira)



CIRCULATING FLOW ALERT AND PREDICTION

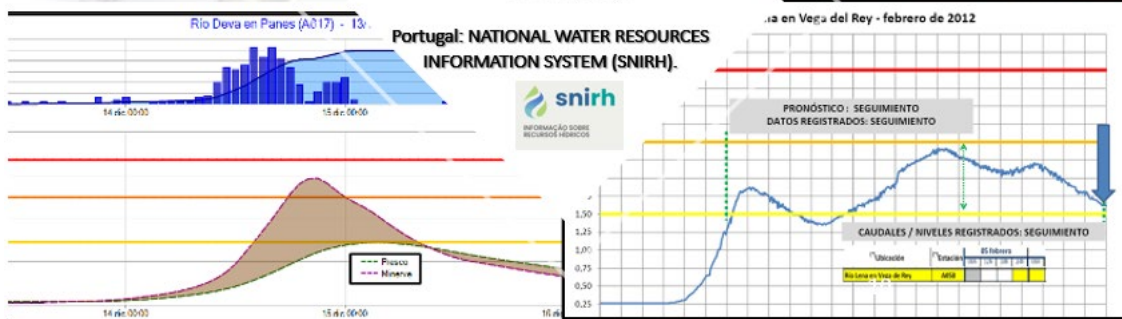


CIRCULATING FLOWS IN REAL TIME



Spain: AUTOMATIC HYDROLOGICAL INFORMATION SYSTEM (SAIH)

Portugal: NATIONAL WATER RESOURCES INFORMATION SYSTEM (SNIRH).



Exchange of hydrometeorological information

Knowledge sharing at national level in Iberoamerica - Conference of Iberoamerican Water Directors (CODIA):

- Capacity development and knowledge transfer on **Transboundary Cooperation**
- In coordination with the Secretariat of the **Water Convention**

Recommendend actions for countries on Financing and funding:

Financing	<ul style="list-style-type: none"> - Improving the financing of transboundary water cooperation should be linked to: (i) the definition of strategic frameworks with clear objectives for cooperation between countries, (ii) incentives for joint programmes with transboundary foci, (iii) the harmonisation of investment and water resources management, (iv) the integration of cooperation into results frameworks and (v) the strengthening of implementation and enforcement capacities. tracking. - Access to existing financial resources and funds requires favourable conditions, political will and agreements between countries that provide a basis on which to work. - To quantify a country's investments needed to improve transboundary management, it is important to have good information on water resources to enable decision-making. Many countries do not have sufficient information and knowledge to estimate the investments needed, including in GIHR or to achieve water security. - Greater efficiency in the use of resources from different sources (national budgets, bilateral or multilateral external donors and strategic funds) requires coherence in the definition of objectives and complementarity of interventions. - Climate funds present an opportunity to work on IWRM issues at the cross-border level since the cross-border perspective does not have the prominence that it should have in these funds. The inertia generated by regional work on transboundary waters can be used to seek funding. 	<ul style="list-style-type: none"> - Allocate more funds for cooperation in transboundary waters, with incentives for the development of operational agreements. - Provide resources for the development of specific goals and indicators at the national level that guide planning and the achievement of results. - Fund joint monitoring for the assessment of water status to achieve environmental objectives. - Finance the creation of databases, studies and analyses that allow decision-making in the preparation of action and investment plans. - Ensure the sustainability and strength of joint management bodies with stable sources of funding that allow long-term actions not subject to a project with a defined deadline. - Access international financial resources while analysing how national resources are used and how cross-border issues are incorporated into national planning. - Assess the opportunity provided by climate funds to finance IWRM issues at the cross-border level.
		<ul style="list-style-type: none"> - Offer support from regional and international financial and development agencies, multilateral and bilateral, through non-reimbursable financing. - Promote coherence in the definition of objectives and complementarity of interventions for greater effectiveness in the use of resources from different sources.



Conferência de Diretores Ibero-Americanos da Água | Conferencia de Directores Iberoamericanos del Agua

ANÁLISIS DEL INDICADOR 6.5.2
AVANCES Y RETOS EN LA COOPERACIÓN EN MATERIA DE GESTIÓN DE AGUAS TRANSFRONTERIZAS EN LOS PAÍSES DEL ÁMBITO IBEROAMERICANO
 (ODS N° 6. Meta 6.5. GESTIÓN DE LOS RECURSOS HÍDRICOS)

Countries	<ul style="list-style-type: none"> - Undertake actions that promote IWRM and the management of shared ecosystems considering the economic, social and environmental development of the territories. - Strengthen national governance frameworks (IWRMs) to enable better cross-border cooperation through the creation of basin committees and bodies. - Incorporate the cross-border dimension in the formulation of coherent and efficient public policies that reflect the plurality of political interests of States. - Harmonize norms (laws, policies and regulations) in each of the coastal countries according to their model of government. 	<ul style="list-style-type: none"> - Allocate more funds for cooperation in transboundary waters, with incentives for the development of operational agreements. - Provide resources for the development of specific goals and indicators at the national level that guide planning and the achievement of results. - Fund joint monitoring for the assessment of water status to achieve environmental objectives. - Finance the creation of databases, studies and analyses that allow decision-making in the preparation of action and investment plans. - Ensure the sustainability and strength of joint management bodies with 	<ul style="list-style-type: none"> - Strengthen joint management bodies or mechanisms so that they are fully operational and have greater ownership by countries. - Promote coordinated management, especially when there is a geographical mismatch between hydrological and administrative boundaries of transboundary basins and aquifers. - Adjust the implementation of the agreement or in accordance with national laws, policies and programmes. - Improve the knowledge base on 	<ul style="list-style-type: none"> - Ensure the permanent strengthening of capacities in knowledge management and in the application of new technologies and innovation for the management of water resources. - Materialize the commitment of States to guarantee access to knowledge, research and information in a permanent and transparent manner. - Develop specific programs and promote new studies and research to fill the gap due to insufficient scientific and technical knowledge of water systems. - Deepen knowledge of transboundary aquifers in the region for proper management and protection through greater 	<ul style="list-style-type: none"> - Develop and have more robust and transparent national statistical systems that allow the evaluation and monitoring of the indicator based on data from official sources in the countries. - Develop technical and institutional capacities and adequate infrastructures for effective data monitoring. - Promote a consultative and communication process between institutions and authorities for the preparation of the indicator 6.5.2 report in order to give greater attention and support to IWRM and its cross-border dimension. 	<p>Implement the recommendations</p> <p>presented in this report that are aimed at unlocking impediments to achieving cross-border cooperation through accelerators: governance, financing, data, capacity and innovation.</p> <ul style="list-style-type: none"> - Develop strategies to advance both the negotiation and adoption of cooperative arrangements on transboundary waters and ensure that they are operational.

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Thanks!