



Improving the European Rivers Water Quality through Smart Water Management Policies

ACTION PLAN

AIMRD





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LIST OF ABBREVIATIONS

ABBREVIATIONS	
A	
AIMRD	Iberian Association of Riverside Municipalities of Duero River
APDL	Administration of the Ports of Douro, Leixões and Viana do Castelo
APA	Portuguese Environmental Agency
B	
BIGDATA 4RIVERS	Improving the European Rivers Water Quality through Smart Water Management Policies
C	
CCDRN	Regional Development and Coordination Commission of North of Portugal
CHD	Duero River Basin Authority
E	
ERDF	European Regional Development Funds
J	
JCYL	Junta de Castilla y León
M	
MITECO	Ministry for Ecological Transition and the Demographic Challenge of Spain
U	
UTAD	University of Trás-os-Montes and Alto Douro
UVA	University of Valladolid
S	
SOMACYL	Sociedad Pública de Infraestructuras Y Medio Ambiente de Castilla y León



1. PREFACE

After more than two years of study visits and meetings to exchange experiences and analyze good practices around Europe, each BIGDATA 4RIVERS partner has developed a regional action plan.

BIGDATA 4RIVERS is in essence a driver for the generation and exchange of information and knowledge enabling better planning processes and decision-making regarding the local/regional water management. The interregional learning process allows partners to learn and support each other based on their own experiences in the EU Water Framework directives implementation.

As a result of this process, the present document is the proposal for an action plan for the improvement of the policy instrument addressed by AIMRD in the scope of the BIGDATA 4RIVERS project, with regard to the water management and the Douro River Basin governance. The Regional Operational Programme Castilla-León is the policy instrument addressed by AIMRD. As the current period 2014-2020 is now finished, proposed actions are oriented to produce results during the next programming period 2021-2027.

This Action Plan is the result of close collaboration with the Management Authority of the policy instrument (Junta de Castilla y León), the Douro River Basin Authority (Confederación Hidrográfica del Duero) and the other entities represented in the Local Stakeholder Group (LSG). It is fundamentally based on the lessons learned from the project and on the key contributions of regional agents.

The AIMRD identified cooperation and governance as key factors for an efficient evolution of Castilla y León territory. Promoting cross-border cooperation and participatory governance, regarding smart management of the Douro River and its valorization as an asset for economic and sustainable growth is the main strategic objective.



2. EXECUTIVE SUMMARY

2.1. Introduction

The BIGDATA 4RIVERS project was approved under the fourth call for the Interreg Europa program and is co-financed by the European Regional Development Fund (ERDF). The European Regional Development Fund (ERDF) aims to strengthen economic, social and territorial cohesion in the European Union by correcting imbalances between its regions. In 2021-2027 it will enable investments in a smarter, greener, more connected and more social Europe that is closer to its citizens.

The project aims to advance the implementation of the water directives by proposing the promotion of an intelligent water management. ICT should support this implementation of an intelligent water management in the participating territories, as a transversal enabling technology that generates information in real time and allows different interested parties to access and share information to be a support in the decision-making process. The general objective of the project is to exchange experiences and good practices between partners in the field of efficiency of water systems, to adapt these good practices and apply the lessons learned to the reality of each partner through the development of action plans individual and promote its application through the policy instruments of each partner. BIGDATA4RIVERS is essentially an engine for the generation and exchange of information and knowledge that allows for better planning and decision-making processes with respect to local / regional water management. The interregional learning process allowed partners to learn and support each other based on their own experiences in the implementation of the EU Water Framework directives.

The Iberian Association of The Duero Riverside Municipalities (AIMRD), is a non-profit association, created in 1994 and that was formed to promote cooperation among the countries through which the river passes Douro. At present, the associate members are 52 (mainly municipalities) in Spain and Portugal, whose axis is the common river Douro. Altogether, the associated members cover 1.2 million inhabitants.

The AIMRD objectives are: to promote the development of an integral project based on the Douro river, with its multiple potentialities, including the area of the bordering town halls; to promote the adoption of an essential ecological compromise for the bordering populations; to denounce and try to prevent possible ecological attempts which harm the river; to develop programs that improve and encourage the partners activities, specially concerning facilities and specialised services; to promote and to defend the interests of the associates to obtain the complete development of the Douro geographic area, and to improve its inhabitants quality of life.

The process of cooperation and interregional exchange of experiences developed under Phase 1 of the BIGDATA 4RIVERS project, which is reflected both in the lessons learned from the partner regions, as well as in the recommendations issued by the Local Stakeholders Group and the Management Authority of the ERDF Regional Operational Programme Castilla-León (policy instrument addressed), made it possible to identify a set of capitalisation opportunities in the form of intervention measures/actions in the cross-border territory of the AIMRD.

In the course of this process, some key aspects were emphasised, whose consideration and evaluation were asserted as necessary in the territory, highlighting: **participatory governance**; cross-border and inter-entity **cooperation**; information and communication **technologies**.

In line with these priorities, the AIMRD identified participatory governance (and cooperation) as key factor for an efficient evolution of the policy instrument addressed and the Castilla y León territory.

2.2. The Policy Instrument

The Regional Operational Programme Castilla-León states as one of the 17 more important regional problems to be addressed by the programme the “improvement of the efficiency of water treatment” and states as challenge the improvement of the water management in the region.

This is included in the ROP strategic axis 6 – To conserve and protect the environment and to promote the resources efficiency -, priority of investment 6.2 – Investment in the water sector to meet the EU requirements in the field of the environment and to address the needs identified by the Member States for investment going beyond those requirements -, specific objective 6.2.1 - To complete the requirements of the EU Water Directive through the investment in sanitation, wastewater treatment and reuse, and improvement of water quality.

Castilla y León Region still doesn't fully accomplish the objectives of the European WFD and through its ROP the regional government is fostering the implementation of water treatment systems according with discharges characteristics as well as the characteristics of the receptive riverbed improving the existing systems and installing new ones when necessary.

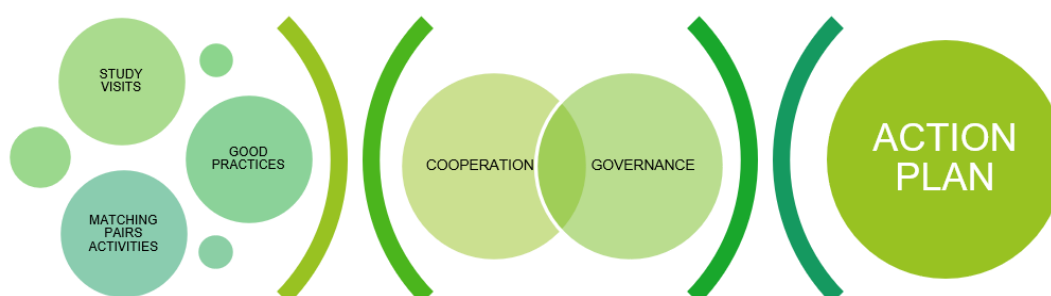
In parallel with these circumstances, and in a transversal logic, a smart and participatory governance in the management of water came to stand out as a fundamental challenge in the improvement of the regional policy instrument and in the improvement of the management of the Douro River.

2.3. Methodology

The interregional exchange of experiences process developed between all partners of the BIGDATA4RIVERS project to date has been laborious and continuous, in a continuous network of exchange of existing realities and knowledge, online and in person (at the beginning), through:

- ❖ Study visits to present the good practices of each region (partner and their stakeholders);
- ❖ The production of deliverables such as the joint analytical report, which compiled all the essential information for each partner's participation in this project;
- ❖ Technical knowledge transfer seminars;
- ❖ The creation of a good practices database with its main links for analysis by all partners;
- ❖ Matching pairs activities, for the exchange of specific information between partners interested in good practices to be adapted in their context.

From this last phase of identification of good practices with the best capacity to solve the problems or address the challenges identified by each partner, these action plans emerge, where it is intended that they specify the way of transposing and adapting the selected good practices.





Based on the lessons learned from the project, this Action Plan was developed through a strong collaboration with the Management Authority of the policy instrument (Junta de Castilla y León), the Duero River Basin Authority (Confederación Hidrográfica del Duero) and the other entities represented in the Local Stakeholder Group (LSG).

2.4. Vision and Goals

The present document is the proposal for an action plan for the improvement of the cross-border cooperation as the Spanish policy instrument, regarding the smart management of Douro River water and its valorisation as an asset for economic growth and climate change solutions. As the current period 2014-2020 is now finished, proposed action is oriented to produce results during the next programming period 2021-2027.

This document seeks, in a synthetic manner and in close cooperation between the AIMRD, the Management Authority (Junta de Castilla y León) and the Duero River Basin Authority (CH Duero):

- ❖ **Define the actions to be done in the Douro River Basin to achieve its water quality, cost-efficient monitoring and smarter planning through an active and innovative cooperation network.**

2.5. Lessons learned

Throughout the BIGDATA 4RIVERS project several exchange experiences were carried out which allowed all the partners to know, learn and understand new and innovative practices regarding water monitoring and management. The study visits conducted allowed partners to get to know new realities, and, in some cases, common issues and concerns were addressed. In this sense, it was possible to establish some matching pairs with some partners in order to get to know better the methodologies of their good practices in order to identify its possible transferability. Bilateral meetings were carried out and the sessions proved to be very fruitful, given the possibility for partners to work closely and clarify technical, methodological and operational doubts regarding the best practices of their interest, as well as to contact the stakeholders in each region.

Thus, AIMRD identified governance as a key factor for an efficient evolution of a territory. In this context, cooperation, involving public and private parts, allows territories to create an environment of trust and sharing of knowledge. The strategy of identifying local skills among the private and public players working in the water and ICT sectors turns out to be a good strategy to develop a territory on a circular economy path, as to strengthen links between different parts. Governance assumes a key role in water management since it allows to cross the skills of each actor working directly and indirectly in water management, which results in a real asset for the sustainable development of the territory.

In addition to the knowledge shared between the partners of the BIGDATA4RIVERS Project, unparalleled experience, the contacts acquired throughout this experience stand out, the ways of observing and acting on the management and organization of entities and people, as well as the experience in organizing international events and the search for a sharing adapted to different realities, at different levels of evolution.

In summary, the following main lessons to be capitalized through this action plan stand out:

- ❖ **A high level of cooperation** reached between many entities, private and public, at the cross-border level, is essential for a uniform development of the territory and success achievement on the implementation of the water management policies;



- ❖ The **cross-border cooperation** (when the river basins is shared by two or more Member States) is crucial. However, this collaboration faces several challenges. Standardization of methodologies and strengthening inter-regional and intraregional cooperation are important paths to pursue as a way to ensure a more efficient management of shared water resources and resources optimization (physical and financial);
- ❖ **Governance** assumes a key role in water management since it allows to cross the skills of each actor working directly and indirectly in water management, which results in a real asset for the sustainable development of the territory;
- ❖ The governance renewal and improvement process is a relevant contribution to improving **efficiency and transparency** in the management of water resources, whether at a local, regional, or cross-border level;
- ❖ The creation of methods for managing large amounts of information and their sharing allows for better knowledge and, in effect, gives rise to a sustained decision. Coordinated **water resources management** makes it possible to find common solutions to problems or challenges that are also common, by sharing experiences, good practices, and knowledge favouring effective and efficient planning and operational response;
- ❖ **Technologies** are a fundamental tool for an efficient water management, balancing the needs of monitorization, action and territorial planning with cost effective financing suitable for different territories based on their development.

2.6. List of actions

This action plan will be implemented through an action, which encompasses different steps towards a common, unified and ambitious objective – the constitution of the Castilla and Leon Duero River Smart Water Management Advisory Committee to improve the governance and foster participatory processes under the PI (Regional Operational Programme Castilla-León).

2.7. The monitoring process

Monitoring is an important part of the implementation process as it can alert on eventual deviations, risks and need of corrective actions. The monitoring process comprises a set of key aspects, namely the identification of successes and difficulties during the implementation of the Action Plan, the taking of informed, quick and timely decisions in the face of possible deviations, the monitoring of the use of resources and the results achieved and, finally, the monitoring of stakeholder involvement.

In implementing the action plan, the monitoring process is essential for an effective, efficient and appropriate management, enabling the mandatory requirements established by the European Commission to be met. A continuous and systematic monitoring process is essential for the cohesive and collaborative development of the entities involved, whether at the international, regional or local level.

This action plan will focus on actions at the level of governance and digitization, which are more theoretical and organizational measures. In order to facilitate and guarantee the swift and complete implementation of the intended changes, this final phase will be accomplished through just one action, to which specific indicators will be associated that will allow the monitoring and metric evaluation of the execution of tasks and the achievement of expected results.

Monitoring process will be under the responsibility of the AIMRD, as proponent of the action plan and partner of the BIGDATA 4RIVERS project. To this end, the AIMRD will be responsible for carrying out a set of monitoring actions:



- ❖ Participation on the working group;
- ❖ Participation in the action meetings;
- ❖ Follow-up of the 21-27 programme contents;
- ❖ Participation on the first event of the Advisory Committee;
- ❖ Stakeholders' meeting / involvement to share the results;
- ❖ Conclusions / results report.

2.8. Conclusions and recommendations

The overall objective of the BIGDATA 4RIVERS Project is to exchange experiences and good practices among partners in the field of efficiency of water management systems, to adapt these best practices and to apply the learnings to each partner's reality by developing individual action plans and promoting their implementation through partners' policy instruments.

The specific objective of the program priority to which the project will contribute is to *"improve the implementation of regional development policies and programmes, in particular investment programmes for growth and employment and, where relevant, European territorial cooperation programmes, aiming at increase resource efficiency, green growth and eco-innovation and environmental performance management"*.

In terms of specific project objectives is expected the improvement of the effectiveness of policy instruments and implementation of intelligent water management, through the exchange of experiences and methods for a more effective protection and preservation of the water quality of European rivers, through a better response to the requirements of the Water Framework Directive, more efficient water treatment systems and ICT-enabled infrastructure and networks, including those related to river water quality.

The main result of the project is to improve the efficiency of water management policies and of the policy instrument management policies and the policy instrument addressed, by promoting the development and implementation of smart water management in the project territories (supported by the policy instrument), by introducing the water sector, and promoting the enhancement of stakeholders' skills and knowledge enhancement of stakeholders.

Through BIGDATA 4RIVERS, and as result of the exchange experiences activities, it was possible to acknowledge the existence of cross-cutting issues between partners and the possibility of transpose good practices, methodologies and techniques to different regions. BIGDATA 4RIVERS project has shown, also, the importance of mobilization and cooperation among public and private entities, as well as stakeholders in order to get better ways to-do and share knowledge. Only this way it is possible to achieve a desirable monitoring and management of the river basins and better policy instruments.



3. ACTION PLAN (MAIN PART)

3.1. General Information

Project	BIGDATA 4RIVERS - Improving the European Rivers Water Quality through Smart Water Management Policies
Partner organisation	Iberian Association of Riverside Municipalities of Duero River (AIMRD)
Other partners / players involved (if relevant)	<ul style="list-style-type: none"> · Junta de Castilla y León (JCYL); · Duero Hydrographic Confederation (CHDuero); · Local Stakeholders Group (<i>to be defined in detail</i>).
Country	Spain
NUTS2 region	Castilla y León
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3.2. Policy Context

The Action Plan aims to impact:	X	Investment for Growth and Jobs programme
		European Territorial Cooperation programme
		Other regional development policy instrument
Name of the policy instrument addressed:	ERDF Regional Operational Programme Castilla – León 2021-2027	

The action plan is focused on the improvement of the ERDF Regional Operational Programme Castilla – León. As the current period 2014-2020 is now finished, proposed actions are oriented to produce results during the next programming period 2021-2027.

The temporal horizon for the implementation of the measures proposed cover the second phase of the BIGDATA 4RIVERS project that is 2022 and 2023 with the aim to produce results on time to be used an integrated in the PI management structure for the next programming period 2021-2027. In this way, there is a greater chance to reach a change, especially given that the proposed action focuses on improving the PI management structure (by the integration of the Advisory Committee).

3.3. Details of the actions envisaged

Action 1 – Constitution of the Castilla and Leon Duero River Smart Water Management Advisory Committee

a) **The Background** (please describe the lessons learnt from the project that constitute the basis for the development of the present Action Plan)

The exchange activities of BIGDATA4RIVERS project were the main source of information and inspiration to realize the real dimension that cooperation and exchange of governance strategies for a smart management of water can have on territorial development. As already mentioned, some of the main conclusions achieved through the study visits and the most recent matching pairs activities were:

- ❖ A **high level of cooperation** reached between many entities, private and public, as the participation of local communities (and their representatives and public or associative) are essential for a uniform development of the territory and success achievement on the implementation of the water management policies. Also, identifying local skills among the private and public players working in the water and ICT sectors turns out to be a good strategy to develop a territory on a circular economy path, as to strengthen links between different parts;
- ❖ **Cooperation** (at cross-border, interregional and intraregional levels) is a key factor and it has a level of dependence on the funding allocated by the respective policy instrument considerably lower;
- ❖ **Governance** (in a participatory, transparent and modernized logic) assumes a key role in water management since it allows to cross the skills of each actor working directly and indirectly in water management, which results are a real asset for the sustainable development of the territory.

Taking this into account, the following good practices have been identified as the most valuable to improve the ERDF Regional Operational Programme Castilla – León instrument according to different criteria: results demonstrated, similarities with the Spanish-Portuguese border, confluence of challenges and territorial priorities, among others.

GOOD PRACTICES	LESSONS LEARNT
Regional cooperation (public research centers, private bodies, public entities) to promote new and innovative projects for better management of water resources 6-PP Cluster DREAM	Starting by the identification and further application of skills in the territory through a cooperation network allow a circular economy basis (training technicians and use local labour) to promote innovative projects on Smart Water Management.
LOVA & Water councils LOVA & Water councils 4-PP The County Administrative Board of Östergötland (CAB).	The voluntary meeting of skilled technicians, with action in the field and/or in the management of applicable funds, proved to be an effective solution to identify problems on the ground and adjust the application of funds to solve them, increasing the relevance of funds used and the work developed.

b) **Action** (please list and describe the actions to be implemented)

As mentioned, the Action Plan focuses on the constitution of the Castilla and Leon Duero River Smart Water Management Advisory Committee to improve the governance and foster participatory processes under the PI. Specifically, this action will be implemented by the following **steps**:

- ❖ 1. Formal presentation of the action to Managing Authority in the aim of the public consultation of the ERDF Regional Operational Programme Castilla – León 2021-2027.



- ❖ 2. Constitution of a cross-border working group, to define the main guidelines and objectives of the advisory committee and proceed with its formal constitution. It will be a working team integrated by AIMRD partners in Spain and Portugal, the Duero River Basin Authority (Duero Hydrographic Confederation), some relevant experts in the hydrological and territorial cooperation field and PI representatives, among other relevant stakeholders (with capacity to influence the PI Managing Authority).
- ❖ 3. Definition of the structure, specific objectives, working lines and internal operating regulation of the Advisory Committee. In this sense, at this stage the working group defined in step 1 will identify all relevant stakeholders to be part of the Advisory Committee. Also, all the technical and operational specifications of the body to be created will be established, as well as the instruments that will regulate it. This definition will be based on the selected good practices by integrating its members in a voluntary basis (like the water councils) and by forming a regional (and cross-border) cooperation network (like the French cooperation structure).
- ❖ 4. Invitation the entities selected by the working group to be part of the Advisory Committee.
- ❖ 5. Definition of the objectives and working lines to the first official (kick-off) meeting of the Advisory Committee, as all the necessary details. The cross-border working group will define the execution guidelines of the event, in close cooperation with the PI managing authority: city, venue, program, date and target in terms of attendance. It will be an inclusive and participative event oriented to the exchange and debate between all attendees.
- ❖ 6. Organization of the first official meeting of the Castilla and Leon Duero River Smart Water Management Advisory Committee. This pilot-meeting will allow to establish the correct way of integrate this advisory body in the PI management structure (as a formal or informal support group) contributing to improve its governance and assure the inclusion of a sustainable participatory processes concerning the smart water management action under PI. This body should keep up with the end of the current ROP, as well as follow and integrate the next ROP. It is expected that the results of the Advisory Committee's operation can be included in the 2021-2027 ROP.
- ❖ 7. Production of a conclusions / recommendations report on the integration of the Advisory Committee in the PI management structure.
- ❖ 8. Decision on the integration of the Advisory Committee and on the final formula through which it will be integrated in the PI management structure.

In parallel with the steps described, a set of **monitoring activities** will be carried out by the AIMRD, within the scope of phase 2 of BIGDATA 4RIVERS, namely:

- ❖ Participation on the cross-border working group;
- ❖ Participation in the action meetings;
- ❖ Follow-up of the 21-27 programme contents;
- ❖ Participation on the first meeting of the Advisory Committee;
- ❖ Organization of a Local Stakeholders group meeting fostering their involvement in this process and sharing the results achieved;
- ❖ Elaboration of a conclusions / results report.



- c) **Players involved** (please indicate the organisations in the region who are involved in the development and implementation of the action and explain their role)

Junta de Castilla y León (JCYL)

They are the Management Authority of the policy instrument (ERDF Regional Operational Programme Castilla – León) and will act as a mobilizing agent and facilitator of stakeholder involvement. They also will be responsible for overseeing the overall implementation of the action plan.

Douro River Basin Authority (Confederación Hidrográfica del Duero)

They are the main responsible for the water management in Douro River and will act as a mobilizing agent and facilitator of stakeholder involvement. Also, they will help to define the more technical requirements for the functioning of the Advisory Committee and the official meeting.

Iberian Association of Riverside Municipalities of Douro River (AIMRD)

Their role within this action will be take active part in the establishment of the work group, as well to help Junta de Castilla y León and Confederación Hidrográfica del Duero to launch the action plan and guarantee its development. It will also be responsible for monitoring this Action Plan, through a set of monitoring actions.

Local Stakeholders Group

They will be the attendees to the event, as next ones to be organized. They will have the opportunity to share and exchange directly with managing structures of the programme their needs, opinions, and main challenges for the future to be considered in the next programme period. They also will take an active role in the transposition of the problems on the ground for the working group to analyse and seek solutions and financing. Some of the stakeholders that will be initially called to take place in the group will be:

- ❖ Hydrological Confederation of Douro River (national government of the Spanish Ministry for the Ecological Transition and Demographic Challenge representative for Castilla and Leon region);
- ❖ Representatives of the counties of the Castilla y León region (Ávila County Council, Burgos County Council, León County Council, Palencia County Council, Salamanca County Council, Segovia County Council, Soria County Council, Valladolid County Council, Zamora County Council);
- ❖ The Municipalities associated of the AIMRD;
- ❖ Douro Intermunicipal Community (CIM Douro);
- ❖ Sociedad Pública de Infraestructuras y Medio Ambiente de Castilla y León (SOMACYL);
- ❖ Ministry for Ecological Transition and the Demographic Challenge of Spain (MITECO);
- ❖ Portuguese Environmental Agency (APA);
- ❖ Regional Development and Coordination Commission of North of Portugal (CCDRN);
- ❖ University of Valladolid (UVA);
- ❖ University of Trás-os-Montes and Alto Douro;
- ❖ Administration of the Ports of Douro, Leixões and Viana do Castelo (APDL).



d) **Timeframe**

The timeframe for the implementation of the described action covers the second phase of the BIGDATA 4RIVERS project (from August 2022 to July 2023) with the aim to produce results / change on the PI management structure for the next programming period 2021-2027. Although it is intended to continue throughout the next programming period of the ROP, the constitution and functionality of the cooperation group (Advisory Committee) should take place during phase 2 of the project (time horizon of 12 months).

The table below details the expected schedule for the implementation of each of the action steps.

TASK	TITLE	TIMEFRAME
Task 1	Formal presentation of the action to Managing authority in the aim of the public consultation of the ERDF Regional Operational Programme Castilla – León 2021-2027	May 2022
Task 2	Constitution of a cross-border working group to define the scope of action of the Castilla and Leon Douro River Smart Water Management Advisory Committee.	Aug 2022 – Set 2022
Task 3	Definition of the structure, specific objectives, working lines and internal operating regulation of the Advisory Committee.	Oct 2022 – Feb 2023
Task 4	Invitation to entities selected by the working group to be part of the Advisory Committee.	Jan 2023 – Feb 2023
Task 5	Definition of objectives and working lines to the first official meeting of the Advisory Committee.	Mar 2023 – May 2023
Task 6	First official meeting of the Castilla and Leon Douro River Smart Water Management Advisory Committee.	May 2023 – Jun 2023
Task 7	Production of a conclusions / recommendations report on the integration of the Advisory Committee in the PI management structure.	Jun 2023
Task 8	Decision on the integration of the Advisory Committee and on the final formula through which it will be integrated in the PI management structure.	Jul 2023

e) **Costs and funding sources (if relevant)**

The costs required for this action are mainly related to regular staff costs and logistical issues associated with holding meetings, common events and experience sharing sessions.

The total estimated cost of developing this action is estimated in 10.100€ (funded with own resources of Junta de Castilla y León, Hydrological Confederation of Douro River and AIMRD) resulting from:

- ❖ Staff costs and administrative costs (5.300 €);
- ❖ External experts support (2.500€);
- ❖ Official meeting organization cost (2.300€).

f) **Impact expected**

It is expected that the Castilla and Leon Douro River Smart Water Management Advisory Committee achieve in the time frame of the next ERDF Regional Operational Programme Castilla – León a strong common knowledge of the current status of Douro River, solutions for a better water quality, more efficient and cheapest monitorization solutions, innovative and nature-based solutions for a more ecological and less infrastructure river. In the context of the Advisory Committee, participations in European fund projects are expected, within the scope of the improvement of the river Douro, as discussed in the group meetings



and identified as necessary by the stakeholders in the field during the appliance of this action plan. Possibly, within an extended term, a specific financing fund could be created for the works on the Douro River, guaranteeing the relevance of this group and its performance for the territory.

In the time frame of this action plan, the expected impacts are, of course, less ambitious, but fundamental to create the basis for cooperation and participatory governance that it is intended to continue in the future in the region and, in particular, in the Douro River basin. It is hoped that the Advisory Committee will effectively contribute to improving governance and promoting participatory processes within the scope of the IP.

In the following Table are shown some indicators of the Action 1 expected implementation.

TASK	TITLE	INDICATORS	NO
2	Constitution of a cross-border working group to define the scope of action of the Castilla and Leon Duero River Smart Water Management Advisory Committee.	Group of experts	1
3	Definition of the structure, specific objectives, working lines and internal operating regulation of the Advisory Committee	Cooperation protocol and internal operating regulation (standard definition of composition, operational rules and decision-making procedures)	1
4	Invitation to entities selected by the working group to be part of the Advisory Committee.	Number of entities invited	10
5	Definition of objectives and working lines to the first official meeting of the Advisory Committee.	Number of working lines defined	3
6	First official meeting of the Castilla and Leon Duero River Smart Water Management Advisory Committee.	Number of events	1
		Number of entities participating	10
All	Monitor results	Working group meetings	8
		Stakeholders' meeting to share the results	1
		Conclusions / results report	1

Finally, and in view of the content of this action plan and the expected improvements in the policy instrument resulting from the exchanges and good practices of BIGDATA 4RIVERS project it is proposed a new self-assessment performance indicator:

SELF-ASSESSMENT PERFORMANCE INDICATOR	TARGET
% of border riverside territory represented and benefiting from the participatory processes introduced and developed by the Castilla and Leon Duero River Smart Water Management Advisory Committee	70%

Date:
Signature:
Stamp of the organisation (if available):



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