

9<sup>th</sup> World Water Forum

Actions submission format

Action Group 3.D: Enhance cooperation on multipurpose infrastructure, including hydropower

<b>ACTION 1: Promote dialogue and concertation on the development of development plans for safe and sustainable transboundary infrastructures</b> Overall Objective: Overall purpose and expected results: Overall SDGs Alignment: Coherence with other Priorities:									
<b>PROJECTS INCLUDED</b> <i>In order of priority and level of impact</i>	<b>OBJECTIVE</b>	<b>DESCRIPTION AND PURPOSE</b>	<b>EXPECTED RESULTS</b>	<b>SDGs ALIGNMENT</b>	<b>IMPLEMENTATION</b>	<b>PARTICIPANTS AND STAKEHOLDERS REPRESENTATIVENESS</b>	<b>REPLICABILITY IN OTHER CONTEXTS</b>	<b>REGIONAL REPRESENTATIVENESS</b>	<b>POTENTIAL OVERLAPPING OR COHERENCE WITH OTHER AGs</b>
<b>Project 1</b> – examples of successful transboundary cooperation <b>ICOLD</b>	Publicize examples of successful transboundary cooperation: OMVS, Mekong Commission, Rhine river Commission		Use the lessons from those experiences to inspire countries confronted with similar problems.						
<b>Project 2</b> – Regional development agenda on cross-border infrastructures	Prioritization of the regional development agenda on cross-border infrastructures	Prospects for energy development and Waterways infrastructures in the Plata Basin	Declarations of interest by the participant authorities	9.1 9.a 6.5	Regional conference / discussion / panel prior to the 9th WWF	Ministers of Infrastructure and Planning of the countries of the region Paraná River Mixed Commission Intergovernmental Committee of the Plata basin Corpus - Binational multipurpose dam project Itati Itacora - Binational multipurpose dam project Salto Grande - Binational Hydroelectric Dam Yacyreta - Binational Hydroelectric Dam	Replicable in other regions. Outcomes in each region can be discussed during the forum	Key stakeholders in the Plata basin region, LATAM	
<b>ACTION 2: Promote the development of allocation keys to share the investment burden as well as the expected multiple benefits of multipurpose dams</b> Overall Objective: Overall purpose and expected results: Overall SDGs Alignment: Coherence with other Priorities:									

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<b>Project 1 - Sustainable business models for financing, operating and maintenance multipurpose dams</b> <b>ITAIPU</b>	The aim is to share recommendations to maximize the economic benefits of multipurpose dams and present different financing options according to each project.	Due to the complexity and multiple stakeholders involved in a multipurpose dam, there is a need for creating sustainable business models for both financing and operating and maintenance this kind of project.	Identify key arrangements to consider when planning or operating a multi-purpose dam  Recommendations to maximize the economic benefits of multi-purpose dams	Target 6.4 By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity.  Target 7.a by 2030 enhance international cooperation to facilitate access to clean energy research and technologies, including renewable energy, energy efficiency, and advanced and cleaner fossil fuel technologies, and promote investment in energy infrastructure and clean energy technologies  Target 8.4 improve progressively through 2030 global resource efficiency in consumption and production, and endeavor to decouple economic growth from environmental degradation in accordance with the 10-year framework of programs on sustainable consumption and production with developed countries taking the lead  9.A Facilitate sustainable and resilient infrastructure	Webinar prior to the 9th World Water Forum.	-Financial entities -International Hydroelectric Association (IHA) -Representative of multipurpose dam -Representative of national commission on large dams	Replicable in other regions	Representative of public and private sector. -Reventazón Hydroelectric Project (Costa Rica) -ITAIPU BINACIONAL	

				<p>development in developing countries through enhanced financial, technological and technical support to African countries, least developed countries, landlocked developing countries and small island developing States 18</p> <p>Target 17.3: Mobilize additional financial resources for developing countries from multiple sources</p> <p>Target 17.5 adopt and implement investment promotion regimes for LDCs</p>					
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**ACTION 3: Adaptation of management models for multipurpose dams, to take into account the new challenges (climate change, new water uses, aging infrastructures etc.)**

Overall Objective:  
Overall purpose and expected results:  
Overall SDGs Alignment:  
Coherence with other Priorities:

<b>PROJECTS INCLUDED</b> <i>In order of priority and level of impact</i>	<b>OBJECTIVE</b>	<b>DESCRIPTION AND PURPOSE</b>	<b>EXPECTED RESULTS</b>	<b>SDGs ALIGNMENT</b>	<b>IMPLEMENTATION</b>	<b>PARTICIPANTS AND STAKEHOLDERS REPRESENTATIVENESS</b>	<b>REPLICABILITY IN OTHER CONTEXTS</b>	<b>REGIONAL REPRESENTATIVENESS</b>	<b>POTENTIAL OVERLAPPING OR COHERENCE WITH OTHER AGs</b>
<p><b>Project 1 – Good practices of dam safety improvement, dam upgrading and optimization to cope with new challenges on water resources management</b></p> <p><b>ADB</b></p>	Utilization of dams in safe, efficient, and effective manners	Showcase actual projects on dam safety and dam optimization, in order to share experiences and lesson learnt	<ul style="list-style-type: none"> <li>Knowledge sharing of international good practices.</li> <li>Replication of dam safety and optimization practices.</li> </ul>	<p>Target 6.5: By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate</p> <p>9.1 Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to</p>	Presentation and discussion at 9 <sup>th</sup> WWF session by representatives of related public and private entities.	<ul style="list-style-type: none"> <li>Multilateral and bilateral development organizations.</li> <li>Ministries, governmental agencies and private entities which have experiences on the projects.</li> <li>Civil societies</li> <li>Academic and Professional societies</li> </ul>	International good practices can be replicated in other regions or countries.	Representatives of public and private sectors. (e.g.) WB, regional MDBs, donor agencies, developing countries, hydropower companies etc.	No overlapping.

				<p>support economic development and human well-being, with a focus on affordable and equitable access for all</p> <p>9.4 By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities</p> <p>Target 11.b: By 2020, substantially increase the number of cities and human settlements adopting and implementing integrated policies and plans towards inclusion, resource efficiency, mitigation and adaptation to climate change, resilience to disasters, and develop and implement, in line with the Sendai Framework for Disaster Risk Reduction 2015-2030, holistic disaster risk management at all</p>					
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<p><b>Project 2 – Integrated watershed management approach in the planning and operation of multi-purpose dams</b></p> <p>ITAIPU</p>	<p>Climate change, increasing water demand and other trends are impacting the operation of multi-purpose dams. The objective is to discuss how multi-purpose dams are adapting to it.</p>	<p>Provide insights on the importance of an integrated approach on water management in the planning and operation of multi-purpose dams.</p>	<p>-Evaluate challenges of operating and maintaining multi-purpose dam in changing contexts</p> <p>-Share successful practices on integrated water resources management in multipurpose dams</p>	<p>Target 6.5: By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate</p> <p>9.1 Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all</p> <p>9.4 By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities</p> <p>Target 11.b: By 2020, substantially increase the number of cities and</p>	<p>Webinar prior to the 9th World Water Forum.</p>	<p>Multilateral and bilateral development organizations implementing integrated watershed management approach</p>	<p>Replicable in other regions</p>	<p>Representative of public and private sector</p> <p>Ex: CODIA, YACYRETA, ITAIPU</p>	

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