

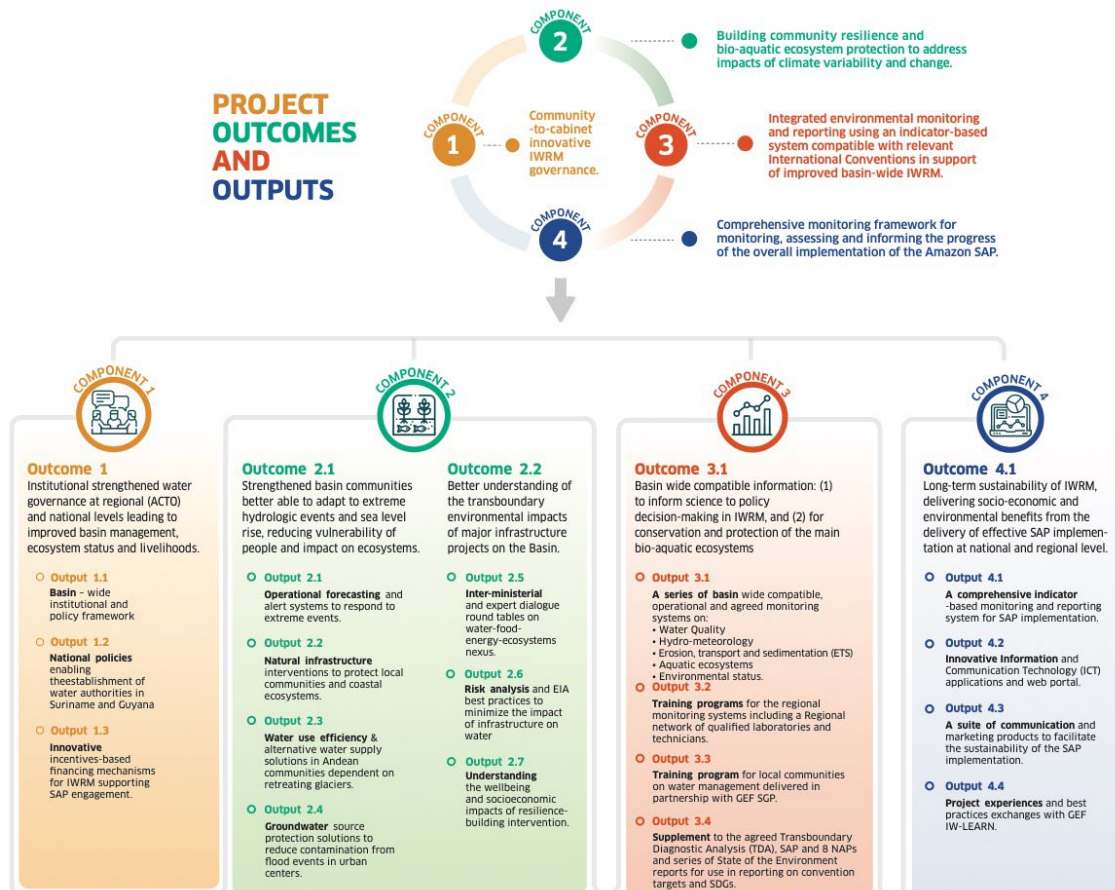
ANNEX 1

Summary Component 1: Innovative model of community-to-cabinet IWRM governance for the Amazon basin.

Introduction

Based on national, regional and international experiences, the activities and outputs of Component I of the Amazon Basin SAP Implementation Project will support basin countries in building an innovative community-to-cabinet governance model for the Amazon basin to ensure innovative, efficient and effective bottom-up water governance, and better ecosystem health and human well-being. Component I will also strengthen the Amazon Cooperation Treaty Organization (ACTO) as a regional forum and coordination mechanism for IWRM in the Amazon Basin, including a financial sustainability strategy that aims to enhance ACTO's capacity to pool resources and improve understanding and use of conservation finance in IWRM.

In this regard, the purpose of this Annex is to provide more information and a better understanding of the relationship between the activities and deliverables of Component 1 and their relation with other Components of the Project. The following figure illustrates the general structure of the Project with the outcomes and outputs corresponding to its four components.



Context of Component 1

Analysis of the current institutional and legal framework for water resources management in the ACTO member countries, undertaken during the TDA/SAP development process, revealed important progress in the region in adopting and implementing a variety of legal and management instruments, and establishing water governing bodies and coordination mechanisms.

Analysis of the institutional technical and administrative capacity of the countries' national institutions, however, also highlighted important differences among the eight Amazon Basin countries, and the need for institutional development and strengthening in the following areas: organizational resources; human resources; financial resources; infrastructure; developing and/or strengthening protection in the Amazon Region; and developing and/or strengthening coordination mechanisms.

In summary, the shortfalls in water resources management, discussed in several national TDA/SAP workshops, can be attributed to: (1) Lack of institutional cross-sectoral integration to support water resources management; (2) Lack of coordination between the different political and socioeconomic actors; (3) Weak regional water governance; (4) Poor coordination between riparian countries; (5) Weak institutions; and (6) Deficient planning mechanisms, among others.

The Amazon Cooperation Treaty (ACT) clearly establishes a vision for joint collaboration within the Amazon Basin as a means of cooperation, communication and coordination among member countries. This component will contribute to institutionally strengthen ACTO, including its regional role in supporting basin-wide integrated water resources management in close coordination with riparian institutions, and considering the Amazonian complexity in environmental, political, economic, social and cultural terms, will provide for an operational mechanism duly coordinated with all actors involved in managing water resources.

To that end, an innovative community-to-cabinet governance model for the Amazon Basin will be implemented in Component 1 to ensure efficient and effective bottom-up water governance, and improved ecosystem health and human well-being. A series of activities will be undertaken to strengthen the ACTO as a regional forum and IWRM coordination mechanism in the Amazon Basin, building on the conclusions of the previous GEF Amazon project. These activities will be supported by a financial sustainability strategy which, in addition to planned fundraising efforts for the delivery of SAP outputs beyond GEF funding, aims at enhancing ACTO's ability to pool resources and enhance understanding of conservation finance in order to integrate its IWRM coordination role in the Amazon Basin.

Likewise, as an essential element of basin-wide water resources management, this component will support national water governance, including: (1) Consolidation of national policies and creation of an enabling environment for establishment of water authorities in Suriname and Guyana; and (2) Design and implementation of innovative incentives-based financing mechanisms supporting IWRM in context-specific geographies according to national priorities and legislation, including

public-private partnerships to achieve the SAP objectives and consistent with the commitments from the PIF.

The above will be undertaken with close consideration of lessons and experiences in the management of large watersheds, including the Danube and Mekong river commissions, but also of IWRM good practices such as the Europe Water Framework Directive, while also noting the differing administrative and political structures. This will presumably contribute, for example, to establishing water quality standards, as well as harmonized sampling, analysis and reporting protocols in the Amazon Basin (see Component 3). An analysis of cultural, artistic and educational practices in support of water resources management, and formulation of a cultural, artistic and educational agenda, under Component 1 will also inform the activities of Component 4 and the project communication strategy in building ACTO’s visibility and its role in IWRM.

Component 1 will deliver its outcome through three outputs:

Outcome 1: Institutional strengthened water governance at regional (ACTO) and national levels leading to improved basin management, ecosystem status and livelihoods.

- **Output 1.1:** Basin-wide institutional and policy framework developed and made available to riparian governments and ACTO;
- **Output 1.2:** National policies enabling establishment of water authorities in Suriname and Guyana made available to governments; and
- **Output 1.3:** Innovative incentives-based financing mechanisms for IWRM ready for implementation.

Implementation of a basin-wide institutional and policy framework in the Amazon Basin under Component 1 will provide an enabling and catalytic political, institutional, and social environment for SAP implementation by supporting crucial baseline issues such as the establishment of common standards and monitoring protocols, information sharing mechanisms, coordinated cultural agendas, and a strengthened regional cooperation and coordination mechanisms for IWRM and SAP implementation.

Output 1.1: Basin-wide institutional and policy framework developed and made available to riparian governments and ACTO

Box: Overview of output 1.1

Activities under output 1.1 will strengthen national capacity to support IWRM at the basin level, and improve source-to-sea coordination, including promoting a regional policy framework, defining standard indicators and parameters for basin-wide monitoring systems, protocols for information exchange mechanisms, a cultural and education agenda, and strengthening of ACTO.	
Activities	Deliverables
1.1.1. Strengthen national institutional and technical capacity to support IWRM at the basin level, and improve	Water Governance

<p>institutional coordination for better source-to-sea management.</p> <p>1.1.2. Formulate a regional policy framework and define standard indicators, parameters and methodologies for basin-wide water monitoring systems (in coordination with Component 3)</p> <p>1.1.3. Design an Integrated Regional Information Platform on IWRM.</p> <p>1.1.4. Define a regional agenda of cultural, artistic and educational activities related to water resources and climate change in the Amazon Basin.</p> <p>1.1.5 Strengthen ACTO as a regional cooperation platform and coordination mechanism for IWRM in the Amazon Basin.</p>	<ul style="list-style-type: none"> • Governance baseline assessment in the Amazon Basin to facilitate management of key source-to-sea flows (biota, sediments and pollutants, etc.). • National inter-institutional coordination mechanisms strengthened/established in support of SAP implementation. • Regional IWRM capacity-building training programme. • Amazon IWRM toolkit in Spanish and English. • Agreed common IWRM principles and guidelines for the Amazon Region. • Regional IWRM Amazonian network of academic institutions established as part of ORA and ACTO’s network center. • Project-based Regional Technical Advisory Group (RTAG), with equal basin-wide scientist representation under ACTO’s coordination. • White paper on the role of ACTO in IWRM. • Permanent IWRM Coordination Mechanism for the Amazon Basin. <p>DATA</p> <ul style="list-style-type: none"> • National and regional protocols for communication and information sharing, including common indicators, parameters and methodologies for environmental monitoring systems, in coordination with Component 3. • Integrated regional information Platform on IWRM connecting the 8 National water data systems. <p>Public Participation</p> <ul style="list-style-type: none"> • Regional network of cultural institutions. • Compendium of cultural, artistic and educational practices and short documentaries. • Gender sensitive citizen science training programme for local communities. • Amazon Day and other awareness raising activities.
<p>Partners: ACTO, National Focal Points, Ministries of Foreign Affairs, National Water Authorities, Ministries of Environment, Ministries of Culture, National Hydrometeorological Services, among others.</p>	

Activities to deliver **Output 1.1**

1.1.1. Strengthen national institutional and technical capacity to support IWRM at the basin level and improve institutional coordination from source-to-sea.

Strengthening technical and managerial capacity of national institutions in charge of IWRM.

- Gender-balanced stakeholder engagement with key stakeholder groups (public sector, private and social organizations) to define a series of recommendations for institutional arrangements to support source-to-sea governance and transboundary water management;
- Strengthen institutional capacity of water authorities to support SAP implementation, making them adequate for a Source-to-Sea governance approach for the management of water resources through conducting training courses, facilitating inter-sectorial coordination mechanisms, and promoting data collection and exchange, among others.
- Strengthen the inter-institutional coordination mechanisms to support National Action Plan (NAP) formulation;
- Establish a network of academic institutions to strengthen science-to-policy research on water in coordination with the Amazon Regional Observatory and the Network of Research Centres of ACTO);
- Establish a Regional Technical Advisory Group (RTAG) with basin-wide scientist representation under ACTO’s coordination to support project execution at both national and regional levels;
- Develop guidelines and training material to support “A water management gender sensitive citizen science training program for local communities,” to be delivered in partnership with GEF SGP (in coordination with Component 3).

Sharing national and regional IWRM experiences.

- Document national best practices on water management institutional and legal frameworks with emphasis on the operational and regulatory aspects, and international experiences (e.g., River Basin Commissions, European approaches to IWRM, etc.);
- Capitalizing on the Global Water Partnership experience, prepare an Amazon IWRM toolkit and related training programmes, including tools on how to a) amend and strengthen policies, legislative and regulatory frameworks and management instruments, and adopt sustainable financing and investment structures; b) refine institutional arrangements, and c) include model legislation and regulation instruments, as well as experiences, in environmental impact assessments; and d) utilize source-to-sea governance approaches; and
- Regional seminar/twinning activities for national focal points to discuss international level IWRM experiences, with a focus on the Danube River Basin experience, in cooperation with IW:LEARN.

1.1.2. Formulate a regional policy framework and define standard indicators, parameters and methodologies for basin-wide water monitoring systems (in coordination with Component 3)

- Consolidate a comprehensive governance baseline assessment in the Amazon Source-to-Sea continuum to support management of key source-to-sea flows (biota, sediments, pollutants etc);
- Prepare a document on the status of the main SAP implementation challenges;
- Prepare eight national documents on the principles and standards guiding the management of water resources in the Amazonian region of each basin country;
- Conduct regional seminars to discuss the relevance of regional and global IWRM frameworks and common principles, including coordination with the UN Water Convention (UNECE) and the experiences of International River Basin Conventions, the European Water Framework Directive and OECD Principles on Water Governance, to facilitate advancement of the formulation of a common basin-wide IWRM/Source-to-Sea framework;
- Define and document key agreed water management principles and standards to support basin wide management in the Amazon Basin; and
- Develop a White Paper to guide strengthening of the role of ACTO regarding IWRM.

1.1.3. Design an Integrated Regional Information Platform on IWRM.

- Develop data sharing protocols and legal instruments (e.g., MoU) for the exchange of data between national institutions, including with ACTO;
- Building on the integrated information system from the SAP formulation project, strengthen the existing Amazon Regional Observatory (ARO) to support IWRM;
- Training of experts on the use of the Integrated Regional Information Platform on IWRM;
- Establish common monitoring protocols (e.g., on water quality; hydrometeorological information; ETS; etc.) to enhance information sharing among member countries and perform the relevant capacity building (in coordination with Component 3) and the SAP implementation monitoring and reporting system (Component 4);
- Strengthen the capacity of the Amazonian Regional Observatory for exchange of information and monitoring of water resources;
- Establish a network of academic and research institutions to strengthen science-to-policy on IWRM; and
- Improve the functionality of the Integrated Regional Information Platform including implementing periodic updates of the regional Hydroclimatic Vulnerability Atlas developed during the SAP formulation project, in coordination with Component 4.

1.1.4. Define a regional agenda of cultural, artistic and educational activities related to water resources and climate change in the Amazon River Basin.

Mapping of Stakeholders and current cultural, educational and artistic practices.

- Identify and partner with cultural institutions and organizations to promote artistic and educational events on water resources and climate change management, including consideration of gender representation;
- Compile a list of cultural practices and cultural organizations and a network of accredited national organizations to support project work through ACTO; and
- Establish a regional cultural coordination *ad-hoc* group under ACTO to prepare, coordinate and follow up relevant activities.

Preparing a regional cultural agenda.

- Conduct eight (8) National workshops with cultural institutions to develop a cultural water agenda;
- Undertake cultural activities in all the Amazon Basin countries and prepare short films documenting the experience;
- Establish an Amazonian Water Day to celebrate and raise awareness about the water resources of the basin, and the potential impacts of climate change on communities and ecosystems; and
- Prepare a compendium of cultural, artistic and educational practices in support of water resources management and climate change in the Amazon Basin, in four languages and focusing on the cultural characteristics of the different Amazon regions that published in all ACTO countries.

1.1.5 Strengthen ACTO as a regional cooperation platform and coordination mechanism for IWRM in the Amazon Basin.

- Enhance ACTO’s financial capacity through fund-raising events and campaigns to bring additional resources in support of SAP implementation;
- Enhance ACTO’s visibility in IWRM through preparation of six monthly communications products, and technical and scientific materials on project activities (in coordination with Component 4);
- Conduct two seminars to promote cooperation and joint initiatives with international, regional and sub-regional organizations in the Amazon Basin to strengthen ACTO’s role as a regional IWRM hub;
- Provide technical assistance to align ACTO’s structures to support implementation of common principles on water governance, including gender mainstreaming and women’s empowerment;
- Develop ACTO’s preparedness for conservation finance and ability to lead creation, discussion and implementation of innovative financing mechanisms for transboundary IWRM through a “Conservation finance workshop series”;
- Improve ACTO’s technical capacity and effectiveness through staff training activities in fundraising, information management and project management to facilitate regional coordination for SAP implementation.

- Establish a Permanent IWRM Coordination Mechanism in ACTO.