

## Technical Cooperation Abstract

### I. Basic Project Data

▪ Country/Region:	BRAZIL/CSC - Southern Cone
▪ TC Name:	Bridging Climate Action and Biodiversity Conservation through Bioeconomy towards COP30 - Bio COP30
▪ TC Number:	BR-T1674
▪ Team Leader/Members:	QUEIROZ FENYVES, KATIA (CSD/CCS) Team Leader; MURGUIA BAYSSE, JUAN MANUEL (CSD/BNC) Alternate Team Leader; BADAoui CHOUMAR, NATHALIE (CSD/CCS) Alternate Team Leader; ADAM MEHL (CSC/ACU); ARAUJO CARRIJO MODESTO LUCIANA (CSD/CCS); GOMEZ, JUAN CARLOS (CSD/CCS); GOMES DA CRUZ COSSIO, ALESSANDRA (CSC/CDR); DE ASSIS BUENO, FABIA MARIA (VPC/FMP); HINCAPIE SALAZAR, DANIEL (CSC/ACU); CELESTE MARZO, CRISTINA (LEG/SGO); TAVARES SOUSA, MARIA ELISA (CSC/CDR); INACIO FOGAROLI RICARDO (CSD/CCS)
▪ Taxonomy:	Client Support
▪ Number and name of operation supported by the TC:	N/A
▪ Date of TC Abstract:	27 Jan 2025
▪ Beneficiary:	Ministry of Foreign Affairs
▪ Executing Agency:	INTER-AMERICAN DEVELOPMENT BANK
▪ IDB funding requested:	US\$800,000.00
▪ Local counterpart funding:	US\$0.00
▪ Disbursement period:	24 months
▪ Types of consultants:	Individuals; Firms
▪ Prepared by Unit:	CSD/CCS - Climate Change Solutions Division
▪ Unit of Disbursement Responsibility:	CSC/CDR - Country Office Brazil
▪ TC included in Country Strategy:	Yes
▪ TC included in CPD:	Yes
▪ Alignment to the Update to the Institutional Strategy 2024-2030:	Supports sustainable economic growth

### II. Objective and Justification

- 2.1 This technical cooperation (TC) supports Brazil's preparation for the Presidency of COP-30 on Climate Change, addressing key aspects of the transition to a low-carbon and climate-resilient global economy, with a special focus on the Amazon as a global example of sustainable development. The objective is to strengthen national systems and institutional frameworks for valuing natural capital and forest assets, aligning with the Green Climate Fund (GCF) priorities on institutional and regulatory strengthening. By integrating mitigation and adaptation approaches, the TC explores the contributions of the bioeconomy to sustainable development, including biodiversity conservation, the recognition of traditional knowledge, and the strengthening of resilience to climate impacts. In particular, by recognizing the Amazon's potential as a global reference for sustainable development, the climate emergency highlights the need for a structured international debate, based on bioeconomy products and solutions.
- 2.2 The bioeconomy is increasingly recognized as a transformative approach to addressing climate change while promoting sustainable development across social, economic, and environmental dimensions. By shifting from linear, resource-intensive systems to the sustainable use of biological resources, it integrates advanced technologies like bio-based nanomaterials with traditional knowledge. Spanning sectors such as agriculture, forestry, aquaculture, and biotechnology, the bioeconomy enables diverse countries to innovate while preserving natural capital. Global efforts, including the G20

Initiative on the Bioeconomy launched under Brazil's presidency, highlight its potential. In the Amazon, bioeconomy strategies aim to reduce emissions, enhance carbon stocks, and build resilience for ecosystems and vulnerable populations, fostering climate- and nature-positive outcomes that align with international sustainability goals.

- 2.3 Building on the Amazon's potential as a global example of sustainable development, the climate emergency underscores the need for structured international debate and cooperation. Brazil, uniquely positioned due to its ecological and cultural assets, initiated this dialogue during its 2024 G20 presidency. As it prepares to host COP-30 in 2025 in Belém, Pará, Brazil has a critical opportunity to advance the global bioeconomy agenda and solidify the Amazon's role as a model for sustainable and inclusive development. The Amazonian bioeconomy offers a unique model for sustainable development, leveraging its rich biodiversity and natural resources to develop green technologies, sustainable agriculture, and forest-based industries that drive economic growth while preserving ecosystems. By adopting practices like agroforestry and sustainable forest use, the Amazon can play a critical role in the global shift toward a circular economy . At the same time, learning from successful bioeconomy models worldwide—where traditional knowledge and modern technology are effectively integrated—can further enhance the Amazon's resilience and adaptability. This exchange of best practices, policies, and innovations will position the Amazon as a global leader in sustainability and social equity.
- 2.4 Building on this foundation, Brazil's broader bioeconomy sectors require accurate carbon accounting and life cycle analysis to ensure fair evaluation in global offsetting and trading schemes. As a major producer of agricultural products and renewable energy, Brazil's clean energy matrix and contributions to carbon removals through practices like reforestation and agroforestry must be adequately recognized. The High-Level Principles on Bioeconomy adopted by the G20 provide a guiding framework for aligning Brazil's efforts with international standards. Further, integrating its bioeconomy sectors with initiatives like the GCF Bioeconomy Program/Fund will not only enhance coherence with global benchmarks but also improve access to critical climate finance.

### III. Description of Activities and Outputs

- 3.1 **Component 1. Contributions of the bioeconomy to a just transition to a climate-resilient, low-carbon global economy.** This component focuses on providing insights and recommendations for public policies and regulatory frameworks on global bioeconomy.
- 3.2 **Component 2. Carbon accounting in the context of COP-30 and the fight against climate change.** This component will advance carbon accounting frameworks to support the transition to a low-carbon economy, emphasizing consistency, scientific rigor, and environmental integrity.
- 3.3 **Component 3. Promotion of Events to Disseminate Findings and Deepen International Discussions.** This component will focus on sharing the findings of related studies and facilitating international dialogue.

### IV. Budget

Indicative Budget

Activity/Component	IDB Funding	Total
Component 1. Contributions of the bioeconomy to a just transition	500,000	500,000
Component 2. Carbon accounting in the context of COP-30	200,000	200,000
Component 3. Promotion of Events to Disseminate Findings	100,000	100,000
<b>Total</b>	<b>800,000</b>	<b>800,000</b>

## **V. Executing Agency and Execution Structure**

- 5.1 At the request of the beneficiary and in accordance with Annex II of the Operational Guidelines for Technical Cooperation Products (GN-2629-1), the IDB will be the Executing Agency of the TC. The TC will be supervised by the project team. Technical and operational supervision will be responsibility of the IDB's Climate Change Division in the Brazilian Country Office (CCS/CBR). The Bank will ensure proper execution and the implementation of the Project in line with Annex 2 of "Operational Guidelines for Technical Cooperation Products" (OP-619-4). There will be no need for any use, licensing, or transfer of products containing intellectual property rights in the scope of this TC and this will be reinforced in the contract signed with the consultancy hired to develop the services. CCS/CBR will also be the Unit of Disbursement Responsibility (UDR) and will be in charge of the procurement processes, which will ensure that the procurements developed within the framework of the TC are timely and foreseen in the execution time. The disbursement and execution period established for the project is 24 months. The activities of this technical cooperation will be executed in accordance with the IDB's established procurement methods.
- 5.2 Considering the operational capacity and the urgency of implementation, since the event will occur in less than one year, this TC will be executed by the IDB in coordination with the focal points assigned by the MRE and other relevant governmental institutions for this project.

## **VI. Project Risks**

- 6.1 There is a risk associated to the challenges in the availability and capacity of government counterparts to provide timely feedback on the development of project outputs, ensuring relevance to Brazil's context and priorities. This can be mitigated with the development and agreement of a detailed work schedule with relevant government counterparts, accommodating periods of peak demand within government agencies to ensure effective coordination. Additionally, virtual collaboration tools to minimize delays and ensure smooth development of studies, policies, and consultancies under each project component will be integrated in relevant processes.

## **VII. Environmental and Social Aspects**

- 7.1 This Technical Cooperation is intended to finance pre-feasibility or feasibility studies of specific investment projects and the environmental and social studies associated with them; therefore, the terms of reference and products of this TC will be consistent with the applicable requirements of the Bank's Environmental and Social Policy Framework (ESPF).