

## BR-T1310 – Technical Cooperation Monitoring

### Lessons Learned

- Technical supervision - Organizational dimensions

In terms of approving products, it was a challenge to align the consultant's deliveries with the time available for the Ministry of Environment to and the IDB to give their approval. It was time consuming and it delayed some processes related some deliverables. Prior to establishing priorities and designing terms of reference, it is recommended to decide how the IDB and the beneficiary will liaise to guarantee the project's sustainability.

### Advances in Execution and Dissemination

Output Indicator		2015	2016	2017	EOP	Advances in Execution
1.1. Assessment of MRV systems used in Brazil and other countries vis à vis UNFCCC requirements	P	0	1	0	1	Evaluation on MRV financial arrangements for NDC Implementation in Brazil and systems used in other countries successfully completed. Analysis included assessment of BUR (Biennial Update Reports) methodology and recommendations for the Brazilian MRV system. Workshops and events were organized during the TC execution to ensure transparency of information.
	P(a)	0	1	0	1	
	A	0	1	0	1	
1.2. Workshops on MRV requirements and Climate Finance best practices	P	1	1	0	2	Workshops were carried to discuss more detailed MRV systems and climate finance options (some of the participants included: representatives of Ministry of Environment, Ministry of Science and Technology, Ministry of Planning and UNDP). In July 2018, IDB and MMA carried out a dissemination event on the results of the climate finance in and restructuring of the FNMC (National Climate Fund) assessment.
	P(a)	1	1	0	7	
	A	5	2	1	8	
1.3. Assessment of financial arrangements existent in Brazil and other countries	P	0	1	0	1	Comprehensive study was carried out to map, assess and draw recommendations on climate finance funds, instruments, tools, and arrangements to increase Brazil's access to climate finance for mitigation and adaptation. The results were presented in different fora, including the COP 22. Also, as part of the support to the Structured Dialogues of the Brazilian Forum on Climate Change to discuss action plans in 10 different sectors, public and private climate finance options for financing and effectively implementing the NDCs were assessed and proposed.
	P(a)	0	1	0	1	
	A	0	1	0	1	

2.1. Institutional capacity analysis conducted	P	0	1	0	1	Institutional capacity was analyzed during the execution process in which the Climate Change Secretariat showed progress in delivering their commitments and establishing priorities.
	P(a)	0	1	0	9	
	A	0	9	1	10	
2.2. Workshops organized	P	0	1	0	1	Various workshops were organized throughout the TC execution. The IDB supported the Brazilian Climate Change Forum (FBMC) to assess how the government, the private sector and civil society believed the NDC should be implemented. This was carried out through a series of meetings and workshops to develop a full proposal on strategies for the implementation of the NDC which was delivered for the President of Brazil.
	P(a)	0	1	0	2	
	A	0	2	1	3	
3.1. Project proposal developed	P	0	1	0	1	A document on recommendations and action plan from civil society for NDC implementation developed by the Brazilian Climate Change Forum (FBMC) was delivered to the President of Brazil. A GCF proposal on cattle ranching productivity gain and socio-environmental compliance was also delivered to the Ministry of Environment, executed by Agroicone.
	P(a)	0	0	1	1	
	A	0	0	1	1	

\*P=Forecasted; P(a)=Reviewed; A=Executed

Outcome Statement	Advance in the Achievement of Outcome
Assessment of current financial arrangements and MRV systems concluded	The TC was highly relevant to the work of Ministry of Environment is carrying out in terms of leveraging additional funding from other international donors and designing implementable strategies for long term climate financing. Financial arrangements were structured to develop a pipeline of projects in priority areas to unlock potential funding from other donors and international climate funds.
Assessment of needs and gaps of actions and contributions pre- and post-2020 concluded	Ministry of Environment, as well as Ministry of Finance and Planning, have a clear understanding of needs and gaps of Brazil to the implementation of its NDC targets pre-2020. The analytical work, assessments, and dialogues carried out equipped the Ministry of Environment with the information and knowledge necessary to draw its pathway to implementation and financing of the NDC. Post 2020 has not been established as a priority for the Brazilian government.
Long term funding proposal achieved	A draft proposal to the GCF for deforestation and reforestation target of the NDC and a draft proposal to the GEF for MRV of NDC implementation were developed, providing Brazilian Government with concrete feasible proposals for long term financing after TC.

## Outputs and/or outcomes dissemination

The Ministry of Environment presented at COP22 - Conference of the Parties in Marrakesh - in 2016, the main results of the Base Document for NDC Implementation in 11 sectors, which set out a strategy to implement and finance the Brazilian NDC. The strategy was also published on the website of the Ministry of Environment for public consultation.

An event was held in Brasilia to disseminate the results of the Base Document report as well as the final result of the action plan for implementation of the reforestation and deforestation target. An event was also held with partners in Brasilia to disseminate the results of the analyses carried out on options and instruments for financing the Brazilian NDC.

## Innovation

- Product Innovation - Restructure of the National Climate Fund.

The National Climate Fund was a powerful tool when it was created in 2012. After the government was challenged by the economic crisis, several changes were made that hindered the well-functioning of the Fund. The TC supported the restructure of the fund that now possesses three alternative ways of carrying out their work and contributing for climate finance operations in Brazil.

## Partners

- Bilateral Development Agency

**GIZ** also supported the restructure of the National Climate Fund and were very active in the workshop organized by the IDB, helping to review reports, invite stakeholders and promote the event.

- NGO

**World Wildlife Fund (WWF)** was a very important partner during the project's execution. The WWF's Conservation Analyst, Eduardo Canina, was very helpful and delivered valuable contributions. He helped the project team with the organization of workshops, elaboration of reports and participation in meetings.

## Consultancies Hired Through Project Resources

Name	Type	Nationality	Contract Start	Contract End	Objective Of Consultancy
EDUARDA OLIVEIRA ZOGHBI	Individuals	BRAZIL	1-Jul-17	31-Dec-17	The TTC supports the technical design, conceptualization, development and supervision of technical cooperation and other IDB initiatives and the agenda of sustainability and climate in Brazil. The consultant will provide strategic guidance, technical and policy advice to DCS, coordinate the development of initiatives and develop new strategic partnerships with the private sector, government and civil society.

CASSIA OLIVEIRA MORAES	Individuals	BRAZIL	7-Jul-17	5-Jan-18	The objective of the individual consultancy is to give communication and social media support to the coordination of the FBMC, facilitating the structured dialogues within the thematic chambers so that the granting of FBMC subsidies to the government is possible
NATALIE UNTERSTEL	Individuals	BRAZIL	20-Jun-17	19-Dec-17	The objective of the individual consultancy is to support the coordination of the FBMC, in a strategic way, facilitating the structured dialogues within the thematic chambers so that the granting of FBMC subsidies to the government is possible, with a view to elaborating the implementation strategy of NDC of Brazil .
DANIELA DE FREITAS FENERICH RUSSO	Individuals	BRAZIL	30-Sep-17	29-Jun-18	The objectives is to propose and implement a mechanism for advising and training for project proponents and promoting the formulation, monitoring, reporting and fiscal inspection of Climate Fund projects, contributing to the efficiency of the project.
ALFREDO HELIO SIRKIS	Individuals	BRAZIL	11-Sep-17	10-Jun-18	The objective of the individual consultancy is to support the coordination of the FBMC, in a strategic way, facilitating the structured dialogues within the thematic chambers so that the granting of FBMC subsidies to the government is possible, focused on elaborating the implementation strategy of NDC of Brazil
SABRINA LISSA FERREIRA LAURIANO LEME	Individuals	BRAZIL	15-Aug-17	7-Dec-17	The objective of the individual consultancy is to give administrative support to the coordination of the FBMC, facilitating the structured dialogues within the thematic chambers so that the granting of FBMC subsidies to the government is possible.
THATYANNE DE SANTANA MOREIRA GASPAROTTO	Individuals	BRAZIL	3-Aug-17	30-Jun-18	Develop the strategy of a multi-sectoral Platform to inform government and investor decisions on infrastructure that meet NDC Brazil's commitments. The strategy should contain supporting documents such as budget and results matrix and work plan.
LUCIANA ARAUJO CARRIJO MODESTO	Individuals	BRAZIL	20-Jul-17	19-Jul-18	The consultant will be responsible for the concept, development, monitoring and supervision of technical projects in support of the CCS team. In addition, the contractor will also be responsible for technical assistance, policy advice, coordination and development of new phases, as well as initiate and maintain strategic dialogues of some level with internal and external clients.
Marcelo Rocha	Individuals	BRAZIL	29-Jun-15	27-Jun-16	The consultant is responsible for I) proposing the technical bases necessary to evaluate the MRV systems (mitigation and financing actions) currently used by the Brazilian Government, in order to allow the comparison of these systems with the best practices used in Brazil and in the Exterior, designing improvement proposals to be adopted by Brazil; and II) to coordinate other contractual aspects of the project in order to guarantee the technical uniformity of the results.
Janaína Dallan	Individuals	BRAZIL	3-Oct-15	31-Dec-15	The consultant was responsible for conducting research on MRV systems related to the financing of mitigation activities in Brazil and in other countries, and to check alignment with UNFCCC requirements
Felipe Bottini	Individuals	BRAZIL	3-Oct-15	31-Dec-15	The consultant is responsible for conducting research on MRV systems of mitigation actions in Brazil and checking alignment with what is done in other countries and what is required by the United Nations Framework Convention on Climate Change.
Newton Paciornik	Individuals	BRAZIL	1-Jun-16	31-Jul-16	The consultant is responsible for reviewing technically documents produced within the scope of the TC on MRV systems of mitigation actions and financing of mitigation actions

Elisângela Sousa	Individuals	BRAZIL	26-Sep-16	31-Jan-17	The consultant is responsible for elaborating a proposal for the concept of “support received for actions on climate change”; and method of searching data and results applied to Brazil for the years 2010 to 2015. Only the Consultant's Product 1 (equivalent to 35% of the contract) was delivered and the contract was canceled.
Marcelo Rocha	Individuals	BRAZIL	12-Sep-16	31-Jan-17	The consultant is responsible for elaborating a methodology proposal to support the classification and accounting of financial resources received as financing actions to adapt and mitigate climate change, as well as to elaborate a governance proposal to support the Brazilian government in the biennial monitoring of the support received about climate change
FGV- Fundação Getúlio Vargas	Firms	BRAZIL	9-Sep-16	31-Oct-16	The consulting services includes: to perform the estimative of the investment demand in the electricity generation sector required for the reduction of emission expected in the Brazilian INDC to be carried out between 2020-2030, focusing on the following sectors: <ul style="list-style-type: none"> <li>• Electric Sector (solar / biomass / wind);</li> <li>• Hydro-electric energy;</li> <li>• Energy efficiency;</li> <li>• Fossil fuels (increased efficiency in electric production by mineral / hypercritical coal source / CCS).</li> </ul>
Franklin de Souza Ferreira	Individuals	BRAZIL	29-Aug-16	31-Oct-16	The consultant is responsible for the benchmarking of environmental regulations related to the atmospheric emission of greenhouse gases by light and heavy road automotive vehicles, as a strategy to assist Brazil in identifying actions to help achieve the country's targets agreed in COP 21.
Leila Harfuch	Individuals	BRAZIL	29-Aug-16	10-Oct-16	The consultancy is focused on carrying out an assessment of the investment demand based on the emission reduction foreseen in the Brazilian INDC to be carried out until 2020. Sectors: AGRICULTURE AND NATIVE FORESTS.
MARcelo Moreira	Individuals	COSTA RICA	9-Sep-16	5-Nov-16	The objective of this consultancy is to carry out a projection of the investment demand in the Biofuels sector necessary for the reduction of emission forecast in the Brazilian INDC to be carried out between 2020-2030, focusing on the following sectors: <ul style="list-style-type: none"> <li>• Production and use of sugarcane ethanol (first generation biofuel);</li> <li>• Production and use of lignocellulosic ethanol (second generation biofuel).</li> </ul>
Natalia Pasishnyk	Individuals	BRAZIL	6-Dec-16	28-Feb-17	The objective of this consultancy was to carry out an estimative of the investment demand in the sector of the industry (Chemistry, Siderurgy and Cement) necessary for the reduction of emission forecast in the Brazilian INDC to be realized between 2020-2030, focusing on the following sectors: <ul style="list-style-type: none"> <li>• Chemical Industry Sector;</li> <li>• Steel Sector;</li> <li>• Cement Sector.</li> </ul>
Nathalia Pasishnyk	Individuals	BRAZIL	25-Nov-16	16-Jan-17	The objective of this consultancy is to develop a package of strategic guidance documents that would guide discussions on the process of building a strategy for compliance with Brazilian mitigation and financing commitments post-2020, and subsidies for the design of a future investment plan and governmental actions . PLANTED FOREST
Robélio Marchão	Individuals	BRAZIL	1-Sep-16	31-Oct-16	The consultant is responsible for carrying out an assessment of the investment demand from the expected emission reduction in the Brazilian INDC to be carried out until 2020. Setor iLPF - agricultural integration-Livestock- Forest.

Vinicius de Carvalho Porto	Individuals	BRAZIL	20-Sep-16	30-Dec-16	The objective of this consultancy is to develop a package of strategic guidance documents that would guide discussions on the process of building a strategy for compliance with Brazilian mitigation and financing commitments post-2020, and subsidies for designing future investment plans and government actions. Planted Forests
Marcela Guilles da Conceição	Individuals	BRAZIL	21-Nov-16	20-Dec-16	Compilation of technical studies to form the “document base for NDC’s implementation strategy”;
AGROICONE LTDA	Firms	BRAZIL	2-Oct-17	13-Jul-18	Responsible for elaborating a GCF proposal on cattle ranching productivity gain and socio-environmental compliance and a low carbon agriculture investment study.

## Stories from the field

One of the activities supported by this TC consisted in financing consultancies to estimate Brazil’s Nationally Determined Contribution (NDCs) implementation costs. Each consultancy was responsible for assessing costs of specific sectors as they were described in the NDC, such as forest, agriculture and energy sectors. However, considering that each NDC sector was subjected to a different consultancy analysis, the final document did not have the same quality when analyzed as a whole. Hiring only one consultancy would have been the best option.

[http://www.mma.gov.br/images/arquivo/80051/NDC/documento\\_base\\_ndc\\_2\\_2017.pdf](http://www.mma.gov.br/images/arquivo/80051/NDC/documento_base_ndc_2_2017.pdf)

## Financial

	Original	Current	Executed	Canceled
Component 1	325,000.00	167,347.99	163,318.16	4,029.83
Component 2	225,000.00	393,845.28	370,755.17	23,090.11
Component 3	50,000.00	38,806.73	38,806.73	0.00
<b>TOTAL</b>	<b>600,000.00</b>	<b>600,000.00</b>	<b>572,880.06</b>	<b>27,119.94</b>

	2015	2016	2017	2018	TOTAL
Execution	80,302.15	113,918.51	245,523.07	133,136.33	572,880.06