

# Submission Note

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The Institute of Hydrology, Meteorology and Environmental Studies – IDEAM, leading hydrological and meteorological authority in Colombia, welcomes the opportunity to submit the attached information in accordance with paragraph 8 of the draft conclusion FCCC/SBI/2012/L.23 on the provision of financial and technical support for National Communications from Parties not included in Annex I to the Convention.

The following document includes a brief analysis on the allocation of donation funds in the development of Colombia's two national communications. Given the intervention and contribution of several agencies and representatives from economic sectors, direct costs incurred by the Government of Colombia are still a subject of analysis, and results will be made available in the future.

International Donations in the  
preparation of National  
Communications.

Costs of National Communications in  
Colombia.

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IDEAM

Bogotá, 9th September 2012.

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## **International donations in the preparation of National Communications. Costs of National Communications in Colombia<sup>1</sup>.**

The objective of this paper is to present "The costs associated with international donations for the preparation of national communications", the first part of an exercise aimed at estimating the total costs of Colombia's National Communications to the UNFCCC. This analysis will also include a component on the costs associated with the resources invested by the counterparts, which will be developed in the future.

The costs of donations will be presented based on two types of data: the budgets of grant projects and, where information is available, the effectively executed financial resources described in the financial reports of the projects' coordinators (Appendix).

Colombia has submitted two national communications. However, its effective preparation has implied the development of other complementary activities such as the first National Inventory of Greenhouse Gases, the design and implementation of the National Adaptation Pilot Project (INAP), the production of climate scenarios at different temporal and spatial scales and the elaboration of detailed synthesis of lessons learned.

These products can be clustered in five major projects: 1) the First national inventory of greenhouse gases for Colombia (1997), 2) the First national communication (2002), the second phase of the First National Communication (2004), the INAP Project (2005) and the Second National Communication (2006).

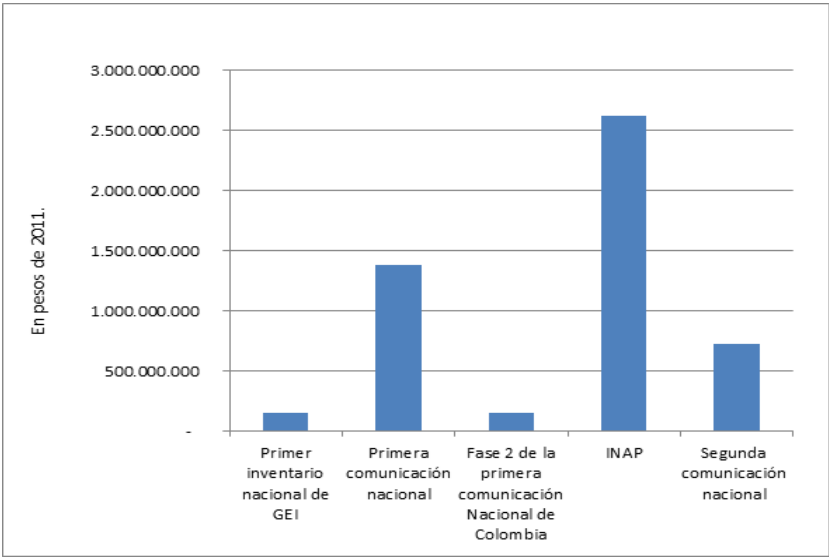
The costs of these projects (in 2011 pesos) are presented in

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Figura 1.

Figura 1: Initial budgets of donation projects



Note: No international donations were received for the preparation of the first national GHG inventory, released by IDEAM in 1997. The inventory was conducted with IDEAM’s own funds.

The results in Figure 1 show that the costs of the Second National Communication were greater than those of the phases 1 and 2 of the First National Communication and the First National Greenhouse gas Inventory combined, due to the incorporation of the results of INAP project. Relevant information from these grant projects is presented in Table 1.

Table 1: Summary of the initial allocation of financial resources to each donation project

Name	Donation Project	Initial cost	Start date and duration

Phase 1: First National Communication	Developed under the UNDP – GEF donation project "Enabling Colombia to prepare its first national communication"	345.000 USD	September 2002 (2 years, including phase 2)
Phase 2: First National Communication	Developed with funds from the UNDP - GEF project "Expedited Financing of Climate Change Enabling" Activities (Phase II) ". Col/99/G31/1G/99. Accelerated funding of enabling activities to climate change (Phase II).	100.000 USD	Start date: September 2003.
INAP Project	This project was developed under the implementation of the GEF funds TF056350-CO-, "National pilot project on climate change adaptation INAP". The project coordination was IDEAM's responsibility. Donor: GEF. Grant administrator: World Bank. Implementing agency or entity managing resources: Conservation International - CI.	Cost: USD 14.9 million (Donation: USD 5.4 million; resources from the counterpart: USD 7.2 million; Others: USD 2.3 million).	Start date: 14 July 2006. Duration: 5 years.
Second National Communication	Developed with GEF funds of the Project entitled: "Preparation of the Second National Communication of Colombia to the United Nations Framework Convention on Climate Change- UNFCCC" Project No.: COL 00045745. Donor: GEF. Grant administrator: UNDP.	405.000 USD	January 2007. Duration: 3 years

### First National Greenhouse Gas Inventory of Colombia

The first GHG inventory constitutes the first official GHG report from Colombia to the UNFCCC. It was developed on the base of data from secondary sources and of the first version of the IPCC methodologies for the calculation of GHG emissions. The costs of the inventory are not greater than \$ 85,000 and broad extent publications were not made.

This first GHG is crucial, as it forms the basis of subsequent information production. It is a component of Phase 1 of the first national communication.

### First National Communication on Climate Change

The project was developed in two phases, the first one initiating in 2002. The second phase began in September 2003. International donor resources were used in the two phases (Table 1). A total of \$ 450,000 USD from 2002 was invested: USD \$ 350,000 in the first phase and USD \$ 100,000 in the second phase.

- *Phase 1 - First National Communication*: Developed under the UNDP – GEF donation project "Enabling Colombia to prepare its first national communication" (IDEAM, 2002). This first report finalised with a publication, was conducted under the IPCC guidelines and involved the adjustment of the first GHG inventory, produced in 1997.

IDEAM, in this first national communication, which it coordinated through its Office of Global Change, took into account the participation of economic sectors and employed several consultants specialised in a variety of topics.

- *Phase 2 - First National Communication* Developed with funds from the UNDP - GEF project "Expedited Financing of Climate Change Enabling" Activities (Phase II) ". Col/99/G31/1G/99 - Accelerated funding of enabling activities to climate change (Phase II), between September 2003 and the last months of 2004<sup>2</sup>.

After the completion of the First National Communication, it was decided that a second phase should be developed, given the limitations, needs and recommendations outlined in Chapter 6 of the First Communication. One of the most important issues that needed to be improved was the poor quality of basic data for estimating GHG emissions in the modules of Energy, (automotive sector), Agriculture and Land Use Change; based on the Good Practice Guidelines for the development of inventories.

The second phase yields the document: "Uncertainty Reduction Strategies of the basic variables in the estimation of greenhouse gas (GHG) (Land Use Change and Forestry, Energy (transport sector) and Agriculture Modules)" which summarises the main results obtained during the project implementation.

### **Integrated National Adaptation Project (INAP): high mountain ecosystems, insular areas of the Colombian Caribbean and human health.**

This project was developed under the implementation of the GEF funds TF056350-CO-, "National pilot project on climate change adaptation INAP". Overall coordination was IDEAM's responsibility. Donor: GEF. Grant administrator: World Bank. Implementing agency: Conservation International - CI.

Funds were distributed amongst national agencies in accordance with the responsibilities established for each component of the project: IDEAM was responsible for the High Mountain component and climate scenarios, the National Institute of Health (INS) lead the health component, and CORALINA and INVEMAR lead the development of the coastal and insular components:

- Component A: Production of information on climate, climate variability and climate change in support for decision-making. It involved the development of climate change scenarios, amongst other activities.
- Component B: Design and implementation of an adaptation program to ensure the maintenance of ecosystem services in the Chingaza Massif in Colombia. This component included activities aimed at enhancing the available knowledge on the area's water and carbon cycles, and land management aspects.

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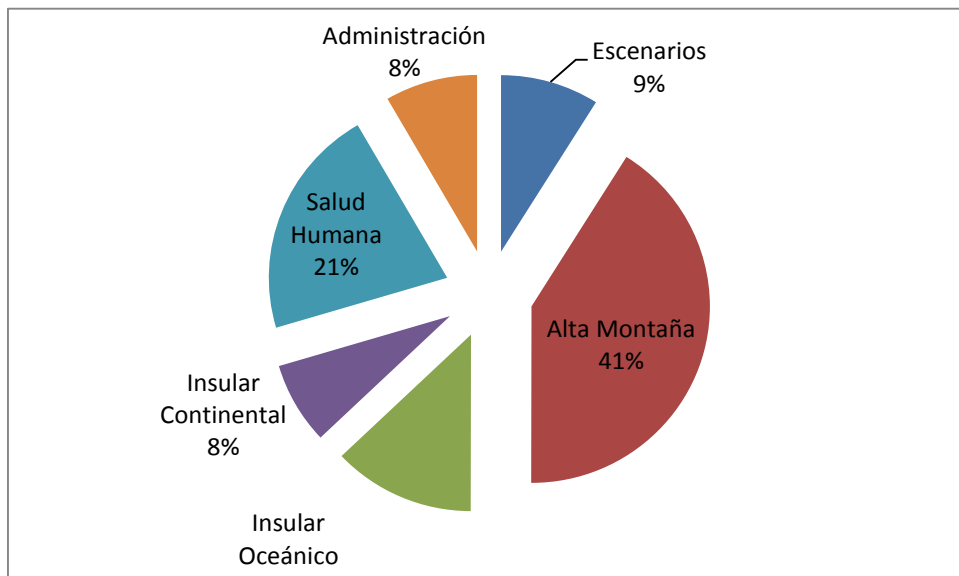
<sup>2</sup> Calderon, S. 2004. Nineth management report of the PNUD 00011937 project.

- Component C: Design and implementation of an adaptation program in the coastal and insular areas of the Colombian Caribbean. It culminated with the development of land use planning proposals that took into account rising sea levels and other inputs.
- *Component D*: Response to increased exposure to vectors of tropical diseases (malaria and dengue) induced by climate change.

In June 2011, the execution of INAP equalled USD \$ 5.338.339.57 (\*) 99% of the budget. The distribution of the budget by components for the year 2011, one of the key years in the project success, can be seen in Figure 2 (Conservation International, 2011).



Figure 2: Budget participation of each INAP project component in 2011.



## Second Communication on Climate Change

Developed with GEF funds for the "Preparation of the Second National Communication of Colombia to the United Nations Framework Convention on Climate Change-UNFCCC"

The project lasted three years from the 2<sup>nd</sup> of January 2007, and was conducted with the participation of representatives from sectoral organisations, which are part to the technical working groups in charge of the validation of each of the Second National Communication components including the GHG inventory. The guidelines on national communications from non-Annex I Parties to the UNFCCC were applied in the process.

The costs of the second national communication are distributed in the following nine products and activities: i) Exercise of diagnosis, ii) Updating of national circumstances, iii) National inventory of greenhouse gases (INGEI), iv) climate change mitigation, v ) Vulnerability to climate change, vi) Capacity building and education, vii) Preparation of the publication, viii) Project management and ix) Monitoring and evaluation.

It is worth highlighting that costs are focalised on the estimation of the GHG inventory, in the update of national circumstances and of the programs containing measures to mitigate climate change and facilitate adaptation. Significant expenditures are made in project management (see Figure 3).

Figure 3: Distribution of expenditures by activity - Second National Communication.

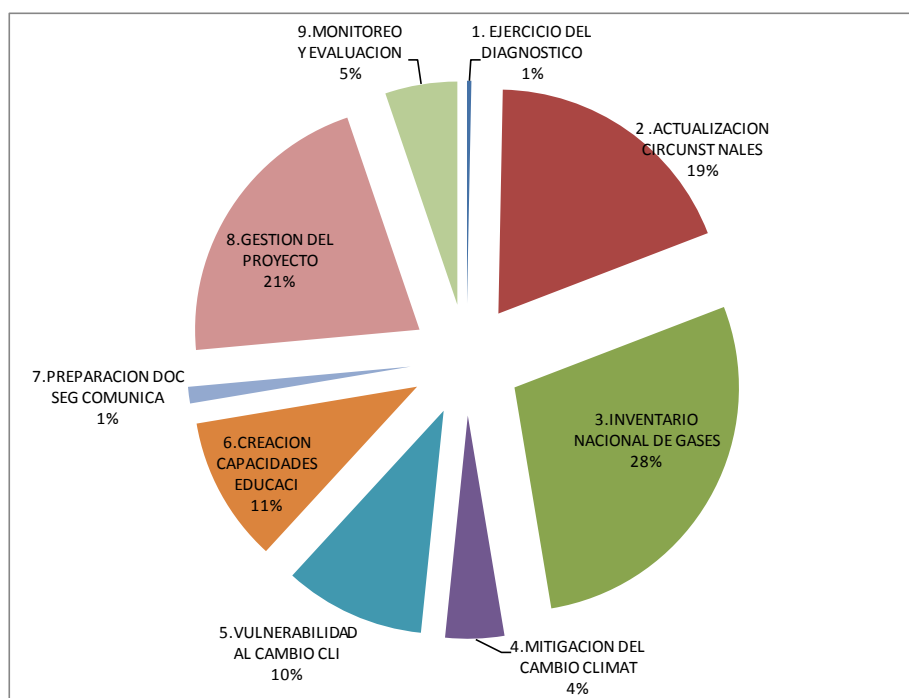


Table 3 shows in more detail the final budgetary implementation of the Second National Communication 2006-2010.

Table 2: Budgetary implementation summary: SCN 2006 -2010. (In US dollars)

Actividades	2010	2009	2008	2007	2006
8. Monitoring and evaluation		1.291,24			
7. Project Management	33.446,73	17.628,28	23948,22	2.344,59	
6. Document preparation	72.732,27	15.826,13	1,14E-13	27.330,01	
5. Building education capacities		1.292,55	16180,64		
4. Vulnerability to climate change		3.391,63	38445,29		
3. Climate change mitigation		1.043,48	11694,25	30.554,88	
2. National GHG inventory			4915,45		
1. Update of national circumstances u			11376,17	75.823,82	
0. Diagnosis exercise			-534,82	7.040,14	14.918,69
<b>Total:</b>	<b>106.001,81</b>	<b>40.473,31</b>	<b>114.655,93</b>	<b>143.096,38</b>	<b>14.918,69</b>
Balance		-177,19			

## References

Conservación internacional (2011). *Informe Final. PRESENTACION RESULTADOS DEL PROYECTO INAP (Donación TF 056350)*. Bogota.

