

NS-189 - Blue Carbon NAMA: Conserve and Restore Mangroves in the Dominican Republic

Dominican Republic

NAMA Seeking Support for Preparation

A Overview

A.1 Party	Dominican Republic
A.2 Title of Mitigation Action	Blue Carbon NAMA: Conserve and Restore Mangroves in the Dominican Republic
A.3 Description of mitigation action	<p>Enable the Dominican Republic to sequester and store substantial blue carbon through the conservation and restoration of mangroves, thus diminishing greenhouse gasses from entering the atmosphere. The path to achieving this result through this NAMA includes enhancing and focusing the national level policy environment through collective understanding and commitment to the NAMA; the application of sound science in quantifying the country's current and potential carbon sequestering and storage capacity; analysis and pursuit of potential carbon credit income for the Dominican Republic; and a participatory role for the private sector and communities around the country to actively support conservation and restoration efforts. Mangrove cover has been lost consistently in the Dominican Republic due to agriculture, real estate development, tourism, and other factors. Given the high C stocks of mangroves, the high emissions from their conversion, and the other important functions and services they provide, their inclusion in climate-change mitigation strategies is warranted (1). Data on the amounts and rates of loss of mangrove cover differ for the Dominican Republic; according to the FAO, mangroves declined from 34,400 ha in 1980 to 21,215 ha in 1998 (2).</p> <p>Support for the Preparation of this NAMA will result in a robust Design, encompassing capacity-building, technical assistance, planning for financial mechanisms for long-term financing and sustainability, sound scientific research, and wide-ranging participation. It will ensure that by the end of the Preparation phase that the country will be prepared to enter the Implementation phase. Specifically, the preparation will contribute to the conservation and restoration of mangroves in the following ways:</p> <ul style="list-style-type: none">- Quantify the carbon sink capacity of Mangroves in the Dominican Republic through a comprehensive inventory and analysis of ecological conditions and carbon stocks that are intact, under threat, or notably degraded. This will facilitate participation at Tier 3 level of certainty of the carbon being conserved and sequestered.- The quantified carbon sink capacity will contribute to generating emission allowances, emission credits, and other types of CO2 compensation certificates.- Build national and local institutional capacity to assess the CO2 sequester capacity of mangroves in the Dominican Republic with the aim of transforming the entire sector to a net carbon sink development path.- Facilitate national dialogue on how to leverage carbon credits to promote greater competitiveness for small and medium-sized businesses through policies and financial mechanisms that help SMEs in the agriculture, fishing and tourism sectors build climate resilience into assets and operations.- Develop national strategies to restore and reforest mangrove systems around the Dominican

Republic that also engage communities through partnerships that articulate economic incentives for mangrove ecosystem conservation and reforestation with improved livelihoods.

- Establish a Blue Carbon NAMA Knowledge Toolkit that facilitates knowledge transfer to other organizations in Latin America, the Caribbean and outside the region that are facing similar development challenges. The toolkit will enable public and private sector leaders to.

- Apply an emerging field of tools, products and services that cater to the coastal ecosystem financing and management in order to design a Blue Carbon NAMA.
- Identify transformational change; co-benefits; financial ambitions; and GHG mitigation.
- Design technical and financial components that can reduce GHG emissions (direct reductions), increase the volume of public finance mobilized for low carbon investment and development, increase the volume of private finance mobilized for low carbon investment and development, target the number of people directly benefitting from the NAMA Support Project (NSP), and support activities to catalyse impact beyond the project.

1 J. Boone Kauffman, et al “Carbon stocks of intact mangroves and carbon emissions arising from their conversion in the Dominican Republic”. Ecological Applications, 24(3), 2014, pp. 518–527. Ecological Society of America. <http://www.counterpart.org/images/uploads/Kauffman%20et%20al%202014%20Eco%20Apps%20Dominican%20Republic%20Mangroves.pdf>

2 FAO [Food and Agriculture Organization of the United Nations]. The world's mangroves 1980-2005, FAO Forestry Paper 153, Food and Agriculture Organization of the United Nations, Rome, 2007. Table #9 <http://www.fao.org/docrep/010/a1427e/a1427e00.htm>

A.4 Sector

<input type="checkbox"/> Energy supply <input type="checkbox"/> Residential and Commercial buildings <input type="checkbox"/> Agriculture <input type="checkbox"/> Waste management	<input type="checkbox"/> Transport and its Infrastructure <input type="checkbox"/> Industry <input checked="" type="checkbox"/> Forestry
<input type="checkbox"/> Other <input style="width: 150px;" type="text"/>	

A.5 Technology

<input type="checkbox"/> Bioenergy <input type="checkbox"/> Energy Efficiency <input type="checkbox"/> Hydropower <input type="checkbox"/> Wind Energy <input checked="" type="checkbox"/> Carbon Capture and Storage <input type="checkbox"/> Land fill gas collection	<input type="checkbox"/> Cleaner fuels <input type="checkbox"/> Geothermal Energy <input type="checkbox"/> Solar Energy <input type="checkbox"/> Ocean Energy <input type="checkbox"/> Low till / No till
<input checked="" type="checkbox"/> Other <input style="width: 150px;" type="text"/> Mangrove conservation	

A.6 Type of action

<input type="checkbox"/> National/ Sectoral goal <input type="checkbox"/> Strategy <input checked="" type="checkbox"/> National/Sectoral policy or program	<input type="checkbox"/> Project: Investment in machinery <input type="checkbox"/> Project: Investment in infrastructure <input checked="" type="checkbox"/> Project : other
<input type="checkbox"/> Other <input style="width: 150px;" type="text"/>	

A.7 Greenhouse gases covered by the action

<input checked="" type="checkbox"/> CO2 <input checked="" type="checkbox"/> N2O <input type="checkbox"/> PFCs	<input checked="" type="checkbox"/> CH4 <input type="checkbox"/> HFCs <input type="checkbox"/> SF6
<input type="checkbox"/> Other <input style="width: 150px;" type="text"/>	

B National Implementing Entity

B.1.0 Name

National Council for Climate Change and Clean Development Mechanism

B.1.1 Contact Person 1	Omar Ramirez, Executive Vice President
B.1.2 Address	Ave. Winston Churchill No. 77, Edificio Grucomsa, 5to. Piso Santo Domingo, República Dominicana
B.1.3 Phone	1-809-472-0537
B.1.4 Email	o.ramirez@cambioclimatico.gob.do
B.1.5 Contact Person 2	Moises Alvarez, Technical Director
B.1.6 Address	Ave. Winston Churchill No. 77, Edificio Grucomsa, 5to. Piso, Santo Domingo, República Dominicana
B.1.7 Phone	1-809-472-0537
B.1.8 Email	m.alvarez@cambioclimatico.gob.do
B.1.9 Contact Person 3	
B.1.10 Address	
B.1.11 Phone	
B.1.12 Email	
B.1.13 Comments	

C Expected timeframe for the preparation of the mitigation action

C.1	Number of months for completion	18
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D Currency

D.1	Used Currency	<input type="text" value="AED"/> Conversion to USD: 1
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E Cost

E.1.1 Estimated full cost of preparation	1500000
E.1.2 Comments on full cost of preparation	The full cost of preparation includes the Design of the NAMA and will be incurred over several years to establish the foundations for sound scientific research and engage all relevant stakeholders not just through dissemination of information but through robust dialogue and concrete steps to ensure long-term commitment through technical assistance, capacity building, and long-term financial planning.

F Support required to prepare the mitigation action

F.1.1 Amount of Financial support	1500000
F.1.2 Type of required Financial support	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan (sovereign) <input type="checkbox"/> Loan (Private) <input type="checkbox"/> Concessional loan <input type="checkbox"/> Guarantee <input type="checkbox"/> Equity <input type="checkbox"/> Carbon finance <input type="checkbox"/> Other <input type="text"/>
F.1.3 Comments on Financial support	Financial Support for Preparation will center around the Design of the NAMA. For this phase, one or more grants will be needed. The next phase, Implementation, will begin to see the application of the carbon credit model take hold in which the NAMA will eventually earn income through international carbon markets.
F.2.1 Amount of Technical support	800000
F.2.2 Comments on Technical support	Counterpart International will support the Climate Council of the President of the Dominican Republic as its designated partner in the Financial, Technical, and Capacity Building areas. Counterpart will work with communities and scientists to conduct carbon stock assessments and compiling the national

inventory report for the Climate Council. With this assessment complete and built into the NAMA Design, Counterpart will work with the Climate Council to complete the NAMA's request for Support for Implementation which will include the framework for national level actions in concert with community conservation and restoration plans for targeted areas of the Dominican Republic. The Implementation of the NAMA itself will carry those plans forward.

F.3.1 Amount of capacity building support

700000

F.3.2 Type of required capacity building support

<input type="checkbox"/>	Individual level
<input checked="" type="checkbox"/>	Institutional level
<input checked="" type="checkbox"/>	Systemic level
<input type="checkbox"/>	Other <input type="text"/>

F.3.3 Comments on Capacity Building support

Capacity building support will be provided first at the national level to ensure the government and other major stakeholders are informed and participating in a dialogue aimed at ensuring demonstrative commitment to the Blue Carbon NAMA. Other capacity building will take place at the community and provincial levels to strengthen institutions' capacities to manage NAMA preparation and implementation activities.

F.4 Financial support required

F.5 Technological support required

F.6 Capacity support required

G Relevant National Policies strategies, plans and programmes and/or other mitigation action

G.1 Relevant National Policies

Law no. 64-00; Party to the Ramsar Convention
Law 01-12 of the National Development Strategy

G.2 Link to other NAMAs

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H Attachments

H Attachments

Title	Description
Kauffman et al 2014 Eco Apps Dominican Republic Mangroves.pdf	Base study conducted by Counterpart International in 2013 in Montecristi National Park

H.1 Attachment description

H.2 File

Browse...

I Support received

I.1 Outside the Registry

I.2 Within the Registry

Support provided	SupportType	Amount	Comment	Date
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