

NS-149 - Reducing Greenhouse Gases (GHG) Emissions in Pig Farms in the Dominican Republic

Dominican Republic

NAMA Seeking Support for Implementation

A Overview

A.1 Party	<input type="text" value="Dominican Republic"/>
A.2 Title of Mitigation Action	Reducing Greenhouse Gases (GHG) Emissions in Pig Farms in the Dominican Republic
A.3 Description of mitigation action	The purpose of this NAMA is to reduce GHG emissions through anaerobic digestion in the Dominican pig farms. The NAMA includes the installation of 1750 biodigesters.
A.4 Sector	<input type="checkbox"/> Energy supply <input type="checkbox"/> Residential and Commercial buildings <input checked="" type="checkbox"/> Agriculture <input type="checkbox"/> Waste management <input type="checkbox"/> Transport and its Infrastructure <input type="checkbox"/> Industry <input type="checkbox"/> Forestry
A.5 Technology	<input type="checkbox"/> Other <input type="text"/> <input type="checkbox"/> Bioenergy <input type="checkbox"/> Energy Efficiency <input type="checkbox"/> Hydropower <input type="checkbox"/> Wind energy <input 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
A.6 Type of action	<input checked="" type="checkbox"/> Other <input type="text" value="Biogas"/> <input checked="" type="checkbox"/> National/ Sectoral goal <input type="checkbox"/> Strategy <input type="checkbox"/> National/Sectoral policy or program <input type="checkbox"/> Project: Investment in machinery <input type="checkbox"/> Project: Investment in infrastructure <input type="checkbox"/> Project: Other
A.7 Greenhouse gases covered by the action	<input type="checkbox"/> CO2 <input type="checkbox"/> N2O <input type="checkbox"/> PFCs <input checked="" type="checkbox"/> CH4 <input type="checkbox"/> HFCs <input type="checkbox"/> SF6

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 implementation of the mitigation action

C.1	Number of years for completion	15
C.2	Expected start year of implementation	2015

D Currency

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

E Cost

E.1.1	Estimated full cost of implementation	216000000
E.1.2	Comments on full cost of implementation	From the 216 million estimated full cost for implementation, 80 millions are for initial investment, 120 millions for O & M during a period of 15 years, and 16 millions for incidentals.
E.2.1	Estimated incremental cost of implementation	
E.2.2	Comments on estimated incremental cost of implementation	

F Support required for the implementation the mitigation action

F.1.1	Amount of Financial support	38800000
F.1.2	Type of required Financial support	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Guarantee <input type="checkbox"/> Loan (sovereign) <input type="checkbox"/> Equity <input checked="" type="checkbox"/> Loan (Private) <input type="checkbox"/> Carbon finance <input type="checkbox"/> Concessional loan <input type="checkbox"/> Other <input type="text"/>
F.1.3	Comments on Financial support	
F.2.1	Amount of Technological support	
F.2.2	Comments on Technological support	
F.3.1	Amount of capacity building support	
F.3.2	Type of required capacity building support	<input checked="" type="checkbox"/> Individual level <input checked="" type="checkbox"/> Institutional level <input type="checkbox"/> Systemic level <input type="checkbox"/> Other <input type="text"/>
F.3.3	Comments on Capacity Building support	
F.4	Financial support for implementation required	<input type="checkbox"/>
F.5	Technological support for implementation required	<input type="checkbox"/>
F.6	Capacity Building support for implementation required	<input type="checkbox"/>

G Estimated emission reductions

G.1 Amount	0.36
G.2 Unit	MtCO ₂ e/yr
G.3 Additional information (e.g. if available, information on the methodological approach followed)	Emissions are calculated based on IPCC methodology IPCC, Vol. 4, Cap. 10: Emissions from Livestock and Manure Management, Tier 2. Emissions reduction calculation do not include reductions from avoided electricity consumption from the grid and other non-renewable resources.

H Other indicators

H.1 Other indicators of implementation	Reduction of pig farms consumptions of energy from the grid and non-renewable source of energy, expenditure in energy costs as well as reduction of fossil fuels import from government.
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I Other relevant information

I.1 Other relevant information including co-benefits for local sustainable development	The total elimination of pollution from swine manure would have an immediate impact as it would prevent contamination by liquids and solids emitted by swine on water and land.
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J Relevant National Policies strategies, plans and programmes and/or other mitigation action

J.1 Relevant National Policies	Law No. 64-00; General Law on Environment and Natural Resources, Decree No. 601-08, Climate Change Development Plan (CCDP), Law 57-07 on Renewable Sources of Energy Incentives and its Special Regimes. Law 1-12 of the National Development Strategy.
J.2 Link to other NAMAs	.

K Attachments

K Attachments	Title Description
K.1 Attachment description	
K.2 File	<input type="text"/> <input type="button" value="Browse..."/>

L Support received

L.1 Outside the Registry	USD60,000 from UNDP Carbon 2012 Regional Project for the feasibility study of a programme for capture and use of methane in pig farms in Dominican Republic and the preparation of a NAMA Concept.
L.2 Within the Registry	Support provided Support Type Amount Comment Date