

MINISTERIO DE AMBIENTE Y RECURSOS NATURALES
GUATEMALA, C.A.

Guatemala, March 14, 2018
Oficio No. MI-300-2018/CFCC-gpv8

*Ofice Ministro
de Recursos Naturales
y Cambio Climatico*

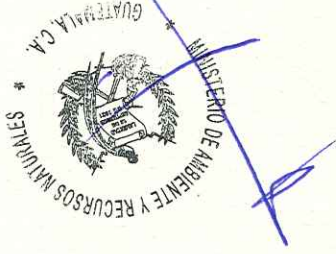


To:
Members of the NAMA Facility Board
NAMA Facility - Technical Support Unit (TSU)

In view of our country's vulnerability to the effects of climate change, the ratification of the Paris Agreement and compliance with our Nationally Determined Contribution (NDC), the Ministry of Environment and Natural Resources (MARN), responsible for Climate Change related matters in Guatemala, we submit to you for your consideration the financing of a "NAMA Support Project for Sustainable and Low Carbon Bovine Livestock Development" (NSP).

The NSP and the reduction of Greenhouse Gases (GHG) emissions in the livestock sub-sector are an integral part of an embedded in several climate change laws and policies such as, the 2009 National Climate Change Policy (Governmental Agreement 329-2009) and Guatemala's 2013 Climate Change Framework Law (Decree 7-2013). In agreement, with article 11 of this law, was elaborated and approved in 2016 the "National Action Plan on Climate Change" (PANCC) by the National Climate Change Council. In addition, the National Development Plan "K'atun Nuestra Guatemala 2032" (SEGEPPLAN, 2014), includes clear and concrete objectives for Greenhouse Gases mitigation for all sectors, including agriculture and livestock.

The Guatemalan government recognizes that the future development of the bovine livestock subsector is an important for the Greenhouse Gases (GHG) mitigation, in the agricultural sector, trying that this is achieved in a more efficient, productive, competitive, and with Greenhouse low emissions, as indicated in the Ministry of Agriculture, Livestock and Food's "National Bovine Livestock Policy" (2013) and its Sustainable and Low Carbon Bovine Livestock Development Strategy (2018). Together, these sectorial policies form Guatemala's Nationally Appropriate Mitigation Action (NAMA) for the livestock subsector, considering implementing it for a period of 15 years.



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Guatemala is also finalizing its Low Emissions Development Strategy (LEDS), with the active participation of the government, key private sector counterparts, including the milk and meat industry, farmers associations, and cooperatives, who will seek the implementation of new regulations, financial mechanisms, practices and technologies that reduce the Greenhouse emissions (GHG), improve competitiveness, and increase manufacturing efficiencies in the Guatemalan economy. The Strategy LEDs formulation has enabled Guatemala to develop more consistent and up-to-date Greenhouse Gases inventories, generate more precise sectoral baselines and emissions forecasts, and effectively measure and report on climate mitigation activities; it is also one of the key operational instruments for implementing concrete mitigation actions and for the country to comply fully with its commitment in the Nationally Determined Contributions (NDCs). The LEDs project (Draft LEDs 2018-2050) includes four specific measures for the cattle subsector: (i) intensive rotational grazing and improved pasture management; (ii) establishment and improvement of silvopastoral systems; (iii) integral manure management; and (iv) Efficient management and use of water.

The proposed NSP is expected to contribute to compliance with the country's Nationally Determined Contributions (NDC), through which it committed in 2015 to reduce 11.2 percent of total Greenhouse Gases emissions projected for the year 2030, based on the 2005 inventory; and a more ambitious reduction of up to 22.6 percent of their total Greenhouse gases emissions projected for the year 2030 (based on the 2005 inventory), conditional on new and additional technical and financial support from the international community. The implementation of the NSP considers a reduction of GHG emissions and CO2 removal during the period 2020-2030, of 4.9 million tCO₂e, which represent 12% of the reduction of 41.7 million tCO₂ proposed by Guatemala for this same period, with additional funds from International Cooperation.

On the other hand, the NSP will leave the country, new and adequate financial instruments for producers to invest and modernize their operations with a low carbon orientation and with technical quality capacity in both the public and private sectors to continue with the implementation of the Sustainable and Low Carbon Bovine Livestock Development NAMA, for at least ten years after the NSP has finalized.

The government foresees a financial contribution to the implementation of the NSP through the existing national forestry incentives programmes (PINPEP and PROBOSQUE).



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The MARN recognize and supports the Ministry of Agriculture, Livestock and Food (MAGA), as implementing Ministry for this NSP and also recognize The Tropical Agricultural Research and Higher Education Center (CATIE), based in Costa Rica and represented in Guatemala, as "Applicant Support Partner" and eventually as "Organization of Support to the NAMA" (NSO). As implementing partners of this NSP, it recognizes the active participation of the following institutions: National Forestry Institute (INAB), Association for the Development of Lactical Products (ASODEL), Chamber of the Agro Guatemala (CAMAGRO), Federation of Cattle Ranchers of Guatemala (FEGAGUATE), Chamber of Producers of Milk of Guatemala (CPLG) and Faculty of Veterinary Medicine and Zootechnia of San Carlos' University of Guatemala MVZ/USAC).

The paper of the Ministry will be mainly of measurement, reporting and verification (MRV) of this NSP and the Nationally Appropriate Mitigation Action (NAMA) for the cattle sub-sector. In addition, it will supervise its implementation as part of the NSP Steering Committee and will be the direct link of the Government of Guatemala between the NSP Steering Committee, the NSO and the NAMA Facility.

Attached to this, the following documentation is sent: Summary of the NSP, Annex 1: Letters of support from the National Government and National Implementing Partners, Annex 2: Logical Framework, Annex 3: Information and references of the applicant (CATIE), Annex 4 : Terms of Reference for the design of the Detailed Proposal (DPP) and Annex 5: Information and references of the NSO (same as Annex 3), complying with the requirements established by the NAMA Mechanism in its 5th Call for Proposals.

Thanking you in advance for giving the necessary consideration to our proposal of a "NAMA Support Project for Sustainable and Low Carbon Bovine Livestock Development" being at your disposal to answer any questions or additional information you may require.

With the samples of my higher consideration,



Carlos Fernando Coronado Castillo
Vice Ministro de Recursos Naturales
y Cambio Climático
Encargado del Despacho
Ministerio de Ambiente y Recursos Naturales

c.c.: Mrs. Silvia Zúñiga, Climate Change Director
File





Guatemala, February 12, 2018
Ref. No. DM-MM-404-2018

Sirs
Members of the NAMA Facility Board
NAMA Facility - Technical Support Unit (TSU)

Dear Sir/Madam:

In view of our country's vulnerability to the effects of climate change, ratification and commitment to the Paris Agreement, and compliance with our Nationally Determined Contributions, it is with great pleasure that as Ministry of Agriculture, Livestock and Food (MAGA), we endorse the proposal submitted to you by the Ministry of Environment and Natural Resources (MARN) for the financing of a "NAMA Support Project for Sustainable and Low Carbon Bovine Livestock Development" (NSP).

This proposal is important to MAGA as it reflects the purpose of the Guatemalan government with regard to the future development of the bovine livestock subsector wishing it to develop in a more efficient, productive, competitive, and low-carbon path as outlined in Guatemala's National Bovine Livestock Policy (2013) and its Sustainable and Low Carbon Bovine Livestock Development Strategy (2017). Together, these policies form Guatemala's Nationally Appropriate Mitigation Action (NAMA) for the cattle sub-sector, which the government plans to implement in a period of 15 years.

We also endorse the Tropical Agricultural Research and Higher Education Center (CATIE), located in San José and with a representation in Guatemala, as Applicant Support Partner and eventually as NAMA Support Organisation (NSO). As implementing partners of this NSP, we consider important and endorse the active participation of the National Forestry Institute (INAB), The Association for the development of dairy products (ASODEL), the Chamber of agriculture and livestock producers' associations (CAMAGRO), the Federation of cattle producers (FEGAGUATE), the Chamber of milk producers and the Faculty of Veterinarian Medicine and Livestock Science from the San Carlos University (FMVZ/USAC).

We would like to draw your attention to the fact that the NSP and the reduction of GHG emissions in the livestock sub-sector are an integral part of and embedded in several climate change laws and policies such as, the 2009 National Climate Change Policy (Governmental Agreement 329-2009) and Guatemala's 2013 Climate Change



Framework Law (Decree 7-2013). In compliance with article 11 of this law, a "National Action Plan on Climate Change-PANCC" was developed and approved by the National Climate Change Council in 2016. In addition, the National Development Plan "K'atun Nuestra Guatemala 2032" (SEGEPPLAN, 2014), includes clear and concrete targets for GHG mitigation for all sectors, including agriculture and livestock.

Guatemala is also finalizing its Low Emissions Development Strategy (LEDS), with the active participation of the government, key private sector counterparts, including the milk and meat industry, farmers associations, and cooperatives, that will lead to the implementation of new regulations, financial mechanisms, practices and technologies that reduce GHG emissions, improve competitiveness, and increase manufacturing efficiencies in the Guatemalan economy. The LEDS formulation has enabled Guatemala to develop more consistent and up-to-date GHG inventories, generate more precise sectoral baselines and emissions forecasts, and effectively measure and report on climate mitigation activities; it is also one of the key operational instruments for implementing concrete mitigation actions and for the country to meet its commitments in the NDC. The LEDS (Draft LEDS 2018-2050) includes four specific measures for the cattle sub-sector: (i) intensive rotational grazing and improved pasture management; (ii) establishment and improvement of silvopastoral systems; (iii) integral manure management; and (iv) efficient management and use of water.

The proposed NSP would on the one hand contribute to the country's compliance with its Nationally Determined Contributions (NDC), through which in 2015, it has committed itself to a reduction of 11.2 percent of total GHG emissions projected to the year 2030 based on the 2005 inventory and a more ambitious reduction of up to 22.6 percent of its total GHG emissions projected to the year 2030 (on the basis of the 2005 inventory), conditioned on new and additional technical and financial support from the international community. The implementation of the NSP has an estimated reduction of GHG emissions and CO₂ removals during the period 2020-2030 of 4.9 million tCO₂e, which represent 12% of the 41.7 million tCO₂ reduction proposed by Guatemala for this same period, based on additional funding by the International Cooperation.

On the other hand, the NSP would leave the country with new and adequate financial instruments for the producers to invest and modernize their operations in a low-carbon direction and with quality technical capacity within both in the public and private sector to continue with the implementation of the Sustainable and Low

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Carbon Bovine Livestock Development NAMA, for at least ten years after the NSP has finalized.
The government foresees a financial contribution to the implementation of the NSP through the existing national forestry incentives programmes (PINPEP and PROBOSQUE).

The role of the Ministry will be of active participation with the implementation, assisting on the one hand the NSP-Implementing Unit of with technical and extension staff, while on the other hand we will make this staff available for training purposes in order to ensure the improvement of technical capacities within the Ministry; this with a view towards sustainability and continued implementation of the NAMA after the NSP finalizes. In addition, the Ministry will oversee the implementation of the NSP as we will form part of the NSP Steering Committee and we will be the direct liaison between the NSP Steering Committee and the high-level Livestock Working Group formed in 2016 with the purpose of monitoring the implementation of the National Bovine Livestock Policy.

Thanking you in advance for giving the necessary consideration to our proposal of a "NAMA Support Project for Sustainable and Low Carbon Bovine Livestock Development", we are at your disposal to address any queries or additional information you may require.

Yours sincerely,



Mario Méndez Montenegro
MINISTRO DE AGRICULTURA
GANADERÍA Y ALIMENTACIÓN

7. Avenida 12-90 zona 13, edificio Monja Blanca, PBX: 2413 7000 Ext. 7011



Cámara del Agro
Guatemala

Guatemala, March 5th, 2018.

Members of the NAMA Facility Board
NAMA Facility - Technical Support Unit (TSU)

Dear Sir/Madam,

Receive the sincere greetings from Cámara del Agro (Chamber of Agriculture in Guatemala).

On this occasion, recognizing our country's vulnerability to the effects of climate change, in particular in the agriculture sector and at the same time identifying important Greenhouse Gas (GHG) mitigation options within the sector of our concern, we support the proposal submitted to you by the Ministry of Environment and Natural Resources (by its initials in Spanish - MARN-) for the financing of a "NAMA Support Project for Sustainable and Low Carbon Bovine Livestock Development" (NSP).

We also are fully committed to participate as a national implementing partner of this NSP, as this project is important to Cámara del Agro because it reflects our purpose of undertaking concrete "actions in favor of adaptation, mitigation, and the development of capacities to guarantee the sustainability of the productive activities in the agricultural and livestock sector and the reduction of their vulnerability to the effects of climate change", as stated in our Environmental Policy.

Cámara del Agro has also been participating in the elaboration of Guatemala's Low Emissions Development Strategy (LEDS), together with governmental, other private sector counterparts, and civil society; recognizing the LEDS as one of the key operational instruments for implementing concrete mitigation actions for the agricultural sector to reduce GHG emissions, increase productivity, competitiveness and for the country to meet its commitments in the NDC. We consider the proposed "NAMA Support Project for Sustainable and Low Carbon Bovine Livestock Development" as an important vehicle for the agriculture sector to contribute to meeting Guatemala's NDC.

The role of Cámara del Agro would be of technical guidance of the NSP as part of the NSP Steering Committee and we would be able to liaise between the NSP Implementing Unit and the livestock producers' organizations members of Cámara del Agro for information sharing, outreach, communication, knowledge generation and management.

Thanks for your attention.

Sincerely,

Carla Caballeros
Executive Director

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Guatemala de la Asunción, February 12, 2018

To:
Members of the NAMA Facility Board
NAMA Facility - Technical Support Unit (TSU)

Dear Sir/Madam:

Please receive the sincere greetings from the Association for the development of dairy products (ASODEL). ASODEL is a private, non-profit organization whose main purpose is the development of the milk value chain and industry, contributing to food security, creation of rural employment and the well-being of the Guatemalan population.

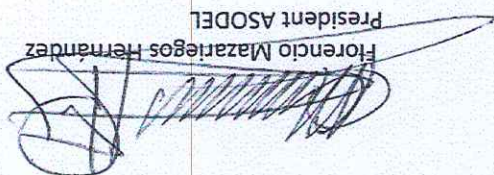
Recognizing our country's vulnerability to the effects of climate change, in particular the agricultural sector, and at the same time identifying important Greenhouse Gas (GHG) mitigation options within the sector of our concern, we support the proposal submitted to you by the Ministry of Environment and Natural Resources (MARN) for the financing of a "NAMA Support Project for Sustainable and Low Carbon Bovine Livestock Development" (NSP).

We also are fully committed to participate as a national implementing partner of this NSP, as this project is important to ASODEL as it supports and is in line with several actions already undertaken by ASODEL with regard to GHG mitigation, such as innovative incentive programmes for increased prices for milk with less carbon footprint. ASODEL has also been participating in the elaboration of Guatemala's Low Emissions Development Strategy (LEDS), recognizing the LEDS as one of the key operational instruments for the country to meet its commitments in the NDC. At present we are working with our members on developing greenhouse gas inventories and mitigation plans at the level of cattle farms that are the main suppliers of milk to the milk industry associated to ASODEL. The implementation of these mitigation plans will allow the implementation of practices and technologies to increase productivity, reduce emissions and increase carbon removals in these productive units.

The role of ASODEL would be of technical guidance of the NSP as part of the NSP Steering Committee and we would be able to liaise between the NSP Implementing Unit and the milk industry enterprises and the cattle farms that are their suppliers that are members of ASODEL for information sharing, outreach, low-carbon certification, communication and knowledge generation and management.

Thank you for your consideration.

Yours sincerely,


Florencio Mazariegos Hernández
President ASODEL



Guatemala la Asunción, February 12, 2018

To:

Members of the NAMA Facility Board
NAMA Facility - Technical Support Unit (TSU)

Dear Sir/Madam,

Please receive the sincere greetings from the Chamber of Milk Producers. In Guatemala, we are the leading organization in the milk producing sector and a channel for our members towards more efficient, productive and profitable enterprises and increased competitiveness of the dairy sector.

Recognizing our country's vulnerability to the effects of climate change, in particular the agricultural sector, and at the same time identifying important Greenhouse Gas (GHG) mitigation options within the sector of our concern, we support the proposal submitted to you by the Ministry of Environment and Natural Resources (MARNA) for the financing of a "NAMA Support Project for Sustainable and Low Carbon Bovine Livestock Development" (NSP).

We also are fully committed to participate as a national implementing partner of this NSP, as this project is important to the Chamber of Milk Producers because its implementation of low-carbon practices and technologies will contribute to the increase of productivity, as well as reduce emissions and increase carbon removals in the productive units of our milk producers. The role of Chamber of Milk Producers would be of technical guidance of the NSP as part of the NSP Steering Committee and we would be able to liaise between the NSP Implementing Unit, service providers and the cattle farms that are our members for information sharing, outreach, technical assistance and training, low-carbon certification, communication and knowledge generation and management.

Thank you for your consideration.

Yours sincerely,



Dr. Luis Alfonso Leal Monterroso
Presidente y Representante Legal
Asociación Cámara de Productores de Leche.



Referencia: PJD-FGT 01-2018

Guatemala la Asunción, February 12, 2018

To:

Members of the NAMA Facility Board
NAMA Facility - Technical Support Unit (TSU)

Dear Sir/Madam,

Please receive the sincere greetings from the Federation of Livestock Producers of Guatemala (FEGAGUATE).

Recognizing our country's vulnerability to the effects of climate change, the agricultural sector, and at the same time identifying important Greenhouse Gas (GHG) mitigation options within the sector of our concern, we support the proposal submitted to you by the Ministry of Environment and Natural Resources (MARN) for the financing of a "NAMA Support Project for Sustainable and Low Carbon Bovine Livestock Development" (NSP).

We also are fully committed to participate as a national implementing partner of this NSP, as this project is important to the FEGAGUATE because its implementation of low-carbon practices and technologies will contribute to the increase of efficiency, productivity, as well as reduce emissions and increase carbon removals in the productive units of our livestock producers.

The role of FEGAGUATE would be of technical guidance of the NSP as part of the NSP Steering Committee and we would be able to liaise between the NSP Implementing Unit, service providers and the cattle farms that are our members for information sharing, outreach, technical assistance, communication and knowledge generation and management.

Thank you for your consideration.

Yours sincerely,

PA. Sergio Segundo Sánchez
Presidente y Representante Legal



CC. Archivo



February, 13, 2018.
REF. D.019.02.2018.

To:
Members of the NAMMA Facility Board
NAMMA Facility - Technical Support Unit (TSU)

Dear Sir/Madam,

Warm greetings for the day, from the Faculty of Veterinary Medicine and Livestock Science of the San Carlos University (FMVZ/USAC).

Recognizing our country's vulnerability to the climate change effect of particularly the agricultural sector, and at the same time identifying important support the proposal submitted to you by the Ministry of Environment and Natural Resources (MARN) for the financing of a "NAMMA Support Project for Sustainable and Low Carbon Bovine Livestock Development" (NSP).

(One of activities as mentioned in our Annual Report, 2017, has been the Faculty's active participation in: (i) the Technical Working Group for the Promotion of Guatemala's Livestock NAMMA, (ii) the Guatemalan System for the Climate Change Science, and (iii) the working Group for the development of Guatemala's LEADS; and it is in this same line of interest that we would like to inform you that FMVZ is fully committed to participate as a national implementing partner of this NSP.

The role of the Faculty of Veterinary Medicine and Livestock Science would be technical guidance to the NSP as part of the NSP Steering Committee. In addition, we could support the Project in its endeavours to improve access to quality information regarding GHG emissions and potential for removals in the livestock sub-sector and support research to related fields through the coordination with the NSP implementing Unit of studies and professional practices by students.

We thank you for your helpful attention to this matter.

Best regards,

M.A. Gustavo Enrique Jarama Gil
DEAN
USAC

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