



Final Report

Forest Carbon Partnership Facility Project in Guatemala

GU-T1310

(December 2022)

Project Basic Information			
Project number	GU-T1310		
Approval Year	2020	Region	Central America
Approval Number	ATN/FP-17987-GU	Country	Guatemala
Team Leader	Ana Aymé Sosa	Department	CSD/CCS
Taxonomy	Client Support	Sector	Environment and natural disasters.
Fund	FCPF	Subsector	Forest Resources Management
Executing Agency	Inter-American Development Bank		
Execution Status	Closed		
Operation Objective	Support the Government of Guatemala (GdG) in the preparation of its National Strategy for the Reduction of Emissions from Deforestation and forest Degradation (REDD+), complementing the results achieved in the first and second phase (GU-T1272) and strengthening the design and the socialization of actions to be addressed by deforestation agents.		
Financial Information			
	Original	Current	
Amount Financed	\$383,235.08	\$383,161	
Disbursed Amount	\$383,235.08 (100%)	\$383,161 (100%)	
Commitments not yet disbursed Amount	N/A	N/A	
Available Amount	\$0.00	\$0.00	
Final Disbursement Date	December 15, 2022		
Final Closing date	December 15, 2022		
Status			
<p>Project has financially closed on 12 January 2023 with all final audits completed and accepted. The operation had two extensions to finalize its execution due the extension of the FCPF fund expiration date to December 31, 2022, which allowed the development of pending activities related to the sustainable livestock program and activities to align public policies in the forestry and agricultural sector with the REDD+ strategy and the country's updated NDC. The main deliverables of the project were to support the Government of Guatemala in the following:</p> <ul style="list-style-type: none"> - Completion of the first REDD+ emission reduction monitoring report for the period from January to December 2020 which will allow the country to access the first results-based payments from Carbon Fund, - INAB's technical strengthening to advance compliance with Emission Reduction Purchase Agreement (ERPA) effectiveness conditions such as completion of the benefit distribution plan and its socialization with stakeholders; the operational manual for benefit distribution; safeguards, non-carbon variables, benefit sharing and environmental and social impacts reports, amongst others. - Sustainable livestock program updated with climate resilience considerations to achieve sustainable livestock farming. 			

- Progress in management and approval processes for climate finance instruments linked to ENREDD+, such as the Sustainable Forest Management Project (under the Forest Investment Program -FIP-), to ensure the sustainability of actions under the Strategy beyond the financing of the Carbon Fund. Design and implementation of the Ethanol Plan aligned to REDD+ Strategy and the NDC updated Energy sector goals

List of Acronyms and abbreviations

CIF:	Climate Investment Fund
ERPA:	Emission Reduction Program Activities
ERP:	Emission Reduction Program
ENREDD+:	National Strategy for Reducing Emissions from Deforestation and Avoided Degradation
ERPD:	Emission Reduction Program Document
FCPF:	Forest Carbon Partnership Facility
FOLU:	Forestry and Land Use
FIP:	Forest Investment Program
GHG:	Greenhouse Gas
GCF:	Green Climate Fund
INAB:	National Forest Institute
MARN:	Ministry of Environment and Natural Resources
MAGA:	Ministry of Agriculture, Livestock and Food Security
MEM:	Ministry of Energy and Mines
NDC:	National Determined Contributions
NREF/NRF:	Forest Reference Emission Levels/Forest Reference Levels
NAMA:	Mitigation Action Facility
UNFCCC:	United Nations Framework Convention on Climate Change

Background

In Guatemala, the REDD+ Strategy was developed with financial resources from the Forest Carbon Partnership Facility (FCPF) Readiness Fund through the IDB as its implementing partner (ATN/FP-14012-GU, Phase I - closed operation, ATN/FP-16400-GU, Phase II - closed operation). The Strategy builds on the country's more than 20 years of experience in the forestry sector, including agroforestry systems, and aims to strengthen the policy framework for the sector to achieve national objectives under Guatemala's forestry incentive programs and protected areas system.

In Phase I (ATN/FP-14012-GU, executed by the Ministry of Environment and Natural Resources, MARN), many results were achieved, which were completed during Phase II (ATN/FP-16400-GU) executed by the IDB, where achievements were made on stakeholder's dialogues and participation, national safeguards system and MRV system. During Phase I, resources remained (US\$385,161) were used to address needs and gaps identified during the design of the FIP and ERP Projects, resulting in a new phase III operation (GU-T1310).

Taking into account the positive results by the execution of the Phase II (ATN/FP-16400-GU) and the harmonization within the REDD+ phases, which means, FIP projects and ERPA agreement with the Carbon Fund, it was important to prepare proposals to leverage climate finance for the implementation of activities to address key drivers of deforestation (livestock and agriculture), as well as to consolidate the management and tools for the country to access results-based payments (for example, the negotiation with the carbon fund and the emission reduction monitoring reports). For this reason, it was requested to use the unexecuted funds from Phase I ATN/FP-14012-GU (US\$385,161) through a new operation (GU-T1310), which enabled the country to have a proposal on sustainable livestock farming and a pilot ethanol plan to access additional climate finance and implement activities to reduce emissions in the sectors that are responsible for more than 50% of deforestation.

The National REDD+ Strategy is a requirement for the country to access results-based payments, through which national efforts to reduce deforestation and forest degradation can be capitalized, in addition to economic incentives that the country could access through emissions reductions. Guatemala submitted its Emission Reduction Program to the FCPF in November 2019. The country through the Ministry of Public Finance has signed in September 2021, two Emission Reduction Payment Agreements (ERPAs), which amount up to US\$52.52 million for demonstrating the reduction of up to 10.5 million tons of CO₂e for a period of 5 years. Through operation GU-T1310, the need to develop proposals in the agriculture and livestock sectors that are aligned with REDD+ activities are addressed.

Objective

The objective of the operation GU-T1310 was to support the Government of Guatemala in the development of proposals to access climate finance for the implementation of activities that address the remaining drivers of deforestation, i.e. in the livestock and agricultural (sugar cane) sectors, which is a gap identified in the preparation of the Strategy, taking into consideration the results achieved in both the first and second phases (ATN/FP-16400-GU), as well as the REDD+ Program and the main operation 4969/SX-GU; GRT/17893-GU.

Project Components

Three components were developed for financing as described below:

- Component 1. Support for the update of reference emission levels in the forest sector.
- Component 2. Design of actions to address deforestation agents.
- Component 3. Administration, supervision, and monitoring.

Component 1: Support for the update of reference emission levels in the forest sector.

This component was intended to support the government in updating the historical record of GHG emissions in the forest sector, mainly for the financing of the second and final stage of updating the forest cover and forest cover dynamics maps for the period 2006-2016. However, this outcome was developed under the operation GU-T1272 "Phase II of the preparation of REDD+ National Strategy" which also financed the first stage of the elaboration of the forest cover maps to update the REDD+ reference levels. Due COVID-19 some field activities in the first contract of the consulting firm who developed the first stage of the maps (under GU-T1272) were canceled and compensated through the preparation of the second stage of the maps, therefore, it was no longer necessary to cover this outcome with the assigned resources in the present operation (GU-T1310) and these resources were reoriented for the design of the sustainable livestock program under Component 2 and to the first monitoring report of the Emission Reduction Program.

Component 2. Design of actions to address deforestation agents.

This component sought to promote actions in the agricultural sector aligned with the REDD+ Strategy, such as: (i) proposal for sustainable livestock farming with emphasis on climate resilience and reduction of GHG emissions; and (ii) ethanol plan for the sustainable production of sugar cane, aligned with the REDD+ Strategy; also, REDD+ mainstreaming activities were carried out in government institutions and the articulation of public policies in the agricultural sector with the REDD+ Strategy. Some key products were:

- a. Concept note for the Low Emissions Livestock Program for the protection of the Petén and Northern Lowlands of Guatemala, incorporating a focus on climate resilience and adaptation to climate change to be presented to funding sources such as the Green Climate Fund (GCF). This was achieved through support to the Ministry of Agriculture, Livestock and Food (MAGA) in the process of socialization and positioning with key stakeholders in the country's livestock sector.
- b. Ethanol Plan (Green Mobility Pilot Project 2020), an initiative promoted by the Ministry of Energy and Mines (MEM) with support from the IDB, the Universidad del Valle de Guatemala, the Municipality of Guatemala and the Renewable Fuels Association of Guatemala (ACR), which allowed testing ecopower (gasoline with advanced and certified ethanol) in current fleets of vehicles of different people to scientifically and technically prove the environmental, economic and social benefits of this renewable fuel.
- c. First Emission Reduction Program Monitoring Report completed for the period January 2020 to December 2020. Through this first report the country demonstrated what progress has been made in addressing the main drivers of deforestation and land degradation, as compared to what has been established in the Emissions Reduction Document (ERPD). Based on the FCPF methodological framework for the period of January to December 2020 This will allow the country to access a first payment for the implementation of REDD+ actions during that period of up to US\$6 million.
- d. Alignment activities of the updated Nationally Determined Contribution (NDC) in 2021, with the National REDD+ Strategy, the updated inventories (presented in the country's Third Communication on Climate Change), the sustainable livestock program and the Sustainable Forest Management Project (of the Forest Investment Program, FIP).
- e. Bilateral meetings to carry out advocacy processes with the legislative body to report on policy instruments related to forests and land use change. The achievement was the approval of the Emission Reduction Payment Agreement (ERPA). This also was achieved through the accompaniment and involvement of community-based organizations.
- f. Report on damage estimation caused by hurricanes Eta and Iota in territories of the National REDD+ Strategy. Due to the events of the year 2020, where Guatemala was impacted by hurricanes Eta and Iota, financial resources from this operation were used to conduct an analysis of the damage estimate in territories of the REDD+ strategy, which allowed identifying and prioritizing interventions for a resilient recovery aligned with the REDD+ strategy. The report addressed the housing, education, electricity, agriculture, water and sanitation, transportation, environment, and tourism sectors in aspects such as risk identification, risk reduction, preparedness, financial protection and resilient recovery.

Component 3. Administration, supervision, and monitoring.

The objective of this component was to hire a consultant to carry out monitoring and supervision tasks, as well as other expenses related to these activities, including travel and transportation. The financial resources of this component were redirected to Component 2, to cover activities to support the Executing Unit of the Emission Reduction Program of the National Forest Institute, such as:

- a. Support in technical advice for the Emissions Reduction Program, mainly for the development and management of products required for compliance with the ERPA, according to the methodological framework of the FCPF and the national context; these included: self-reporting of compliance with safeguards of the First Emissions Reduction Monitoring Report 2020 ERPA; Benefit Sharing Plan and Benefit Sharing Operational Manual and the socialization of the coverage map and forest cover dynamics 2016-2022 and the forest management plan format for the Program.

Project execution arrangements and governance

As requested by the Government of Guatemala, the Technical Cooperation was executed in its totality by the IDB, due to its experience in REDD+ issues demonstrated in previous phases with the administration of resources (ATN/FP-14012-GU) and direct execution of (ATN/FP-16400-GU). Guatemala requested this governance and execution scheme to have a solid actor with the capacity to execute the FCPF resources in a timely manner and thus meet the deadline.

Project implementation was based on close coordination with the Ministry of Environment and Natural Resources (MARN), mainly with the Climate Change Directorate and the National Climate Change Information System, and with the National Forestry Institute (INAB), especially with the Emission Reduction Program Executing Unit, to agree on the procurement plan and follow up on the activities developed in each process.

Project evaluation methodology

Not Applicable.

Project consultant's reports

The following lists some of the products/reports generated during the TC time period y que fueron necesarios para alcanzar los objetivos trazados:

Consultant name	Title of Consultancy	Contract Start	Contract End	Main product
Jose Rodrigo Valladares	Consultancy support for REDD+ mainstreaming in government entities	08/05/2020	01/31/2021	Active participation of stakeholders and government institutions in managing the signing of the ERPA.
José Manuel Moro	Consultancy for the articulation of public policies in the agricultural sector with the REDD+ Strategy/Program and Decarbonization Plan. REDD+ Strategy/Program and Decarbonization Plan.	10/05/2020	02/11/2021	Roadmap to promote the participation of actors and stakeholders during the decarbonization plan process, aligned to the proposals of sectoral thematic areas with the ENREDD+ and agricultural sector policies.
Luz Elena Sequeira Gutiérrez	Consultancy for Concept Note Development with the Green Climate Fund for Guatemala's sustainable livestock program in Guatemala.	10/05/2020	01/11/2021	Consultancy for Concept Note Development with the Green Climate Fund for Guatemala's sustainable livestock program

Universidad del Valle de Guatemala	Ethanol and sustainable sugarcane production plan aligned with the REDD+ Strategy and Program.	08/27/2020	12/31/2020	Ethanol and sustainable sugarcane production pilot plan design and implemented.
Hugo Vargas Aldana	Estimation of damages caused by hurricanes Eta and Iota in REDD+ strategy territories.	03/11/2021	04/25/2022	final document of estimation of damages caused by hurricanes ETA and IOTA in REDD+ strategy territories.
Jose Moro Blanco	Consultancy to support the process of updating the Nationally Determined Contribution (NDC) and the submission of the Forestry Reference Levels to the United Nations Framework Convention on Climate Change (UNFCCC)	02/09/2021	02/10/2022	Roadmap to support the Ministry of Environment and Natural Resources in the submission of the Reference Levels to the UNFCCC and Final proposal for the design of a technical and administrative structure for the creation of a unit within the MARN.
Juan Morales Gomez	Consultancy for the construction of the NREF/NRF for REDD+ in Guatemala to be submitted to the UNFCCC.	04/09/2021	02/10/2022	Final proposal delivered to MARN for submit the NREF/NRF for REF (forest reference emission levels/forest reference levels)
Jose Valladares Guillen	Consultancy support in the management of climate change project approval for Guatemala	04/29/2021	12/18/2021	Proposal for an initiative to adapt the current legal regulations in Guatemala to make the implementation of the National REDD+ Strategy feasible.
Anna Lorenzo Rodas De Anzueto	Consultancy for the methodological design and facilitation of workshops for the NDC updating process in Guatemala.	07/01/2021	11/30/2021	report on the design and implementation of the methodology to facilitate workshops during the Guatemala NDC update process.
Universidad del Valle de Guatemala	Preparation of the monitoring report for Guatemala's emission reduction program (ERP) and generation of activity data for 2018 and 2020 for the FOLU sector	06/21/2021	02/28/2022	Final monitoring report for the 2020 period, submitted to INAB and subject to evaluation and verification.

CALMECAC Fundation	Consultancy to support the participation of community groups in the monitoring for ENREDD+ financing.	05/31/2021	12/15/2021	Final report of the results generated through technical advice and accompaniment of community forestry organizations and their contribution to access climate finance for ENREDD+.
Fernando Martinez Sobral	Consultancy for the operationalization of the financial mechanism of the NAMA program for the efficient use of firewood and alternative fuels in indigenous and rural communities in Guatemala in the context of REDD+ National Strategy	02/21/2021	06/20/2021	Proposal of trust contract and public deed of trust, and final consulting report with the summary of activities performed.
Jose Moro Blanco	Consultancy for the follow-up of the implementation of the National Emission Reduction Program (PRE) and its articulation with the National Decarbonization Plan and Guatemala's Nationally Determined Contribution.	03/01/2022	11/30/2022	report on the implementation of the emission reduction program and the activities carried out with the Ministry of Environment and Natural Resources
Mariano Martinez Berganza	Consultancy for technical support for Guatemala's emission reduction program	03/01/2022	11/30/2022	Safeguards self-report prepared and non-carbon variables for 2020 monitoring report and benefit-sharing operational manual prepared.
Bayron Castellanos Romero	Consultancy for the management of actions to finance the National REDD+ Strategy.	03/01/2022	11/30/2022	Report summarizing the dialogue conducted with key stakeholders to facilitate the advancement of funding initiatives at the legislative body level and the identification of bottlenecks that limit progress in the management of financial resources.

Aldes, ONG.	Update of the proposal for sustainable, low-emission cattle ranching for the protection of the Petén and lowland forests of northern Guatemala	10/01/2022	11/30/2022	Final proposal document incorporating climate resilience and climate change adaptation measures.
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Lessons learned

- **Lesson 1:** Promoting a high level of involvement of key actors and stakeholders at the community level in the process of managing funding resources, such as the approval of the ERPA, was very successful due to the fact that the country was able to access US\$50 million for demonstrating the reduction of up to 10.5 million tons of CO₂eq for a period of 5 years.
- **Lesson 2:** The process of preparing the first monitoring report of the emission reduction program (January to December 2020) showed the need for the country to have technical capacity installed at the level of the FOLU sector institutions, with experts in the methodology and with defined roles.
- **Lesson 3:** The process of preparing the first monitoring report of the ERP also showed the need for this process to be sustainable over time and to allow traceability of data and information on emissions and removals, it is necessary to develop tools and protocols that systematize the steps and procedures to prepare the calculations and information required for the report.
- **Lesson 4:** The National REDD+ Strategy and the beginning of the implementation and results based-payments phase marks an important milestone in the country, since it is the first robust and consolidated payment mechanism for emission reductions for the AFOLU sector in Guatemala, and at the same time it will allow for the orientation of financial resources in the forestry sector.

Findings and recommendations

Findings	recommendations
The Ministry of Energy and Mines will use the results of the ethanol plan to update the public policy to allow the use of this biofuel at the national level in the transportation sector and thereby reduce GHG emissions. Through this public policy, the use of ethanol based on sugar cane from sustainable sources will be promoted ensuring the sources to used will not generate deforestation.	Involve highest authorities of the Ministry of Energy and Mines (the Minister of Energy and Mines and Viceminister of Hydrocarbons) ensured the appropriation and institutionalization of the ethanol plan, which will be use for the development of public policy that promotes the use of ethanol based on sugar cane from sustainable sources.
Through the operation, the participation of stakeholders in the approval process of the "Sustainable Forest Management" Project (FIP) was facilitated.	Involving and encouraging the participation of community forestry actors and organizations, as well as providing them with technical assistance on negotiation issues related to the National REDD+ Strategy, such as the FIP and the ERP, is a key aspect for advancing in the management and approval processes for climate finance instruments.
the national REDD+ strategy has been an important management and planning tool for the Land Use, Land Use Change and Forestry sector in terms of climate change, as it was the basis for the definition of the proposed emission reduction targets in the country's updated NDC.	The alignment of the National REDD+ Strategy with the updated Nationally Determined Contribution (NDC) and GHG inventories of the AFOLU sector is an important milestone, as it will allow joining efforts to mobilize climate finance related to GHG mitigation.

<p>The institutions that benefited through the technical cooperation activities are using the results generated to access climate finance for the implementation of REDD+ activities.</p>	<p>The involvement of institutions and ministerial authorities in the planning, monitoring and implementation of activities is key to achieving ownership and institutionalization of the tools generated to implement REDD+ activities aligned with the country's updated NDC.</p>
<p>Through the operation, actions were implemented to achieve the participation of key stakeholders in the forestry and agricultural sector in the approval process of instruments for access to climate finance aligned with REDD+ actions.</p>	<p>The involvement and support of community stakeholders and organizations in the sector made it possible to advance in important approval processes such as the Emission Reduction Payment Agreement (ERPA) and the Sustainable Forest Management Project (FIP).</p>

Achievement of Outcomes and Outputs

Results Matrix			
Outcomes			
Outcomes/Results	Indicator	Means of Verification	Achievement
<p>Outcome statement: Update of the historical registry of greenhouse gas emissions in the forestry sector.</p>	<p>Updated historical record of greenhouse gas emissions generated by the loss of forest.</p>	<p>Map</p>	<p>This outcome was developed under the operation GU-T1272 "Phase II of the preparation of REDD+ National Strategy" which also financed the first stage of the elaboration of the forest cover maps to update the REDD+ reference levels.</p> <p>Due COVID-19 some field activities in the first contract of the consulting firm who developed the first stage of the maps (under GU-T1272) were canceled and compensated through the preparation of the second stage of the maps, therefore, it is no longer necessary to cover this outcome with the assigned resources in the GU-T1310 and these were reoriented for the design of the sustainable livestock program under Component 2 of the same operation and first monitoring report of the Emission reduction program for REDD+ activities.</p>
<p>Outcome statement: Promote actions in the agricultural sector aligned with the REDD+ Strategy.</p>	<p>Program proposals for accessing climate finance</p>	<p>Sustainable Livestock Program Proposal Documents and Ethanol Plan</p>	<p>The proposal for sustainable, low-emission livestock farming with a focus on protecting the forests of the Petén and northern lowlands of Guatemala was finalized. Measures were incorporated to address considerations of resilience and adaptation to climate change in the agricultural sector. This process was carried out in parallel,</p>

			<p>accompanying and advising the Ministry of Agriculture, Livestock and Food for the socialization and positioning of the proposal with various strategic stakeholders in the sector. The proposal for sustainable, low-emission livestock farming with a focus on protecting the forests of the Petén and northern lowlands of Guatemala was finalized. This update allowed the alignment of the proposal with MAGA's strategic agenda regarding planning instruments, policies and laws, such as the updated NDC, livestock policy and low emissions livestock strategy, national REDD+ strategy, emissions reduction program, among others.</p>
Outputs			
Component I Output indicator 1.1.	finalized map of forest cover change dynamics	Finalized map.	Resources were redirected to C2.
Component II. Output indicador 2.1	Completed proposal for sustainable livestock program aligned with REDD+ strategy	Finalized document.	<p>Since the beginning of the operation in 2020, individual consultancies were hired through the execution of the operation, to support beneficiary institutions in promoting the alignment of the NDC with REDD+ National Strategy, the sustainable livestock program, and other strategic actions in the sector; technical assistance was also provided to community-based groups in their engagement in the ERPA approval process, which resulted in the official launch of the National REDD+ Strategy by the Government.</p> <p>A proposal for low-emission sustainable cattle ranching was designed in response to the gap identified in the preparation and implementation of the National REDD+ Strategy for the country to access climate finance for the implementation of activities that address key unaddressed deforestation drivers, such as the cattle ranching sector. During 2022, a consulting firm was hired to update the proposal for sustainable, low-emission cattle ranching for the protection of the Petén and lowland forests of northern Guatemala. In this new version, a cross-cutting component on resilience and</p>

			adaptation was integrated, in addition to incorporating livestock initiatives in the department of Petén, relevant with potential for replication in the territory.
Component II. Output indicador 2.2	Completed proposal for ethanol plan and sustainable sugarcane production aligned with REDD+ strategy.	Proposal completed.	The ethanol plan has been designed and implemented as reported in 2020. The results are being used by the Ministry of Energy and Mines to elaborate a regulation of law that will allow the use of renewable biofuels in the transportation sector, and which would result in the reduction of at least 7 million tCO ₂ e over the next ten years, thus contributing to the 10% of NDC goals. The plan promotes the use of ethanol based on sugar cane from sustainable sources with the aim of reducing GHG emissions, the results of the pilot carried out showed the reduction of CO ₂ emissions by 21%, carbon monoxide by 71% and hydrocarbons by 74%.

Regarding the official presentation of the national REDD strategy and the country's access to carbon fund financing, these news items were disseminated in various digital sources.

- **Link to website 1:** [https://agn.gt/guatemala-firma-acuerdo-de-pago-de-reduccion-y-remocion-de-emisiones-de-carbono/#:~:text=El%20pa%C3%ADs%20podr%C3%A1%20comprar%20y,de%2052.5%20millones%20de%20d%C3%B3lares.&text=La%20actividad%20se%20efectu%C3%B3%20en,%2012%20oct%20\(AGN\)](https://agn.gt/guatemala-firma-acuerdo-de-pago-de-reduccion-y-remocion-de-emisiones-de-carbono/#:~:text=El%20pa%C3%ADs%20podr%C3%A1%20comprar%20y,de%2052.5%20millones%20de%20d%C3%B3lares.&text=La%20actividad%20se%20efectu%C3%B3%20en,%2012%20oct%20(AGN))
- **Link to website 2:** <https://prensa.gob.gt/comunicado/guatemala-y-el-banco-mundial-firman-acuerdo-de-pago-de-reduccion-de-emisiones-erpa>
- **Link to website 3:** <https://www.marn.gob.gt/noticias/actualidad/Guatemala logra acuerdos ambientales y continuar con la proteccion de los bosques>
- **Link to website 4:** <https://dca.gob.gt/noticias-guatemala-diario-centro-america/pais-adopta-programa-para-reducir-emisiones-de-carbono/>
- The Ministry of Environment and Natural Resources (MARN) updated the material generated for the National REDD+ Strategy on the portal of the National Climate Change Information System. In 2021 the country officially presented the REDD+ Strategy and during 2022 MARN published the material generated as part of the REDD+ Strategy. The documentation can be found in this link: <https://snicc.marn.gob.gt/MarinoCostero/AccionRedd>



Regarding the ethanol plan, this has been widely disseminated and has been the front cover of two in important nation-wide written media.



PRENSA LIBRE

SE PERIODISMO INDEPENDIENTE, HONRADO Y SINCERO



Gobierno plantea uso obligatorio de etanol en gasolina

Avanza plan piloto que servirá para presentar iniciativa de ley en 2021



Arranca hoy la 60.ª vuelta a Guatemala

Ejecutivo presenta plan de reactivación con 20 áreas de oportunidad



3 MESES SIN SUELDO



MEM lanza plan que pone a prueba el uso de combustibles renovables

Ayer se llevó a cabo el lanzamiento del plan MovilidadVerde, que permitirá a poner a prueba por 10 semanas el uso de ecopower (gasolina mezclada con etanol avanzado).

El Ministerio de Energía y Minas (MEM), con el apoyo de entidades internacionales, científicas y académicas, pondrá a prueba el uso de combustibles renovables como una solución para el ambiente, la economía y la salud de la población.

Por tal motivo, ayer se llevó a cabo el lanzamiento del plan MovilidadVerde, que permitirá poner a prueba por 10 semanas el uso de ecopower, es decir gasolina mezclada con etanol avanzado en 30 vehículos de flotas actuales.

El uso de combustibles renovables es un hecho ya consolidado a nivel mundial como una de las soluciones al cambio climático.

Estudios internacionales demuestran que el ecopower reduce la emisión de los gases de efecto invernadero en un 8.5% en comparación con la gasolina.

El proyecto contribuirá a cumplir metas nacionales e internacionales en materia de cambio climático y se al-

linará las emisiones de gases. "Nuestro principal objetivo en el Gobierno de Guatemala es mejorar la calidad de vida de la población con una solución energética de fácil implementación y posibilidad inmediata", enfatizó.

Este proyecto es impulsado por el MEM, el Banco Interamericano de Desarrollo, la Municipalidad de Guatemala, la Universidad del Valle de Guatemala, la Universidad de Combustibles Renovables,



Más de 40 países en el mundo llevan décadas de implementar exitosamente el uso de ecopower.

Económicas

Monedas: dólar GT 05 wpa 00 01 | Indicadores: | Gasolina: US 0.10 | Petróleo: US 0.12 | Voto: US 0.1



Alberto Pimentel, jefe del MEM, dijo que confía en los resultados positivos de la prueba.

MEM impulsa la movilidad ecológica

Plantean uso del etanol en vehículos.

Selvyn Curyvich @Scurvich

30 vehículos usarán ecopower por 10 semanas

MovilidadVerde, un proyecto que promueve el uso de ecopower (mezcla de gasolina con etanol avanzado), fue presentado por el Ministerio de Energía y Minas (MEM), el Banco Interamericano de Desarrollo (BID), la Universidad del Valle de Guatemala (UVG), la Municipalidad capitalina y la Asociación de Combustibles Renovables.

La iniciativa es impulsada por el MEM, y por 10 semanas pondrán a prueba el uso de dicho combustible en 30 vehículos. Por 5 semanas, el etanol se mezclará en un 5% con gasolina, y otra 5 semanas se incrementará al 10%, expuso Alberto Pimentel, jefe de la cartera de Energía y Minas.

linar estos combustibles y probar también que la mezcla no producirá daños a los automotores", manifestó Pimentel.

Después del periodo de prueba, señaló Pimentel, los resultados serán analizados y presentados públicamente, agregó.

De encontrar los beneficios, el MEM iniciará con la segunda fase del proyecto, la cual consiste en los cambios regulatorios para que el etanol sea utilizado de forma generalizada en el país.

Los gastos de la prueba piloto son abonados por el BID, que aportará US \$60 mil (Q361 mil 400), según fuentes de dicha entidad financiera regional.

La compra puso a disposición la gasolinera municipal, donde se despachará el producto mezclado. La UVG hará la validación científica del proyecto.

De acuerdo con Minista Stein, vicerrectora de Investigación y Vinculación de la UVG, dichos porcentajes son seguros, incluso aumentan la eficiencia del consumo de combustible debido a la mezcla que brinda en la combustión por su mayor contenido de oxígeno.

El plan piloto busca demostrar científicamente la reducción de la emisión de gases de efecto invernadero de los vehículos al uti-

Conclusion

- The Technical Cooperation met all the objectives set, mainly because it was able to address the gaps identified in the process of consolidating the National REDD+ Strategy, which would make it possible to formulate instruments for accessing climate finance for activities that address aspects of agriculture, livestock and reduction of degradation through the unsustainable use of firewood.
- It is expected that the country will access up to USD 33 million for the first results based-payments from Carbon Fund due the first monitoring report supported by this TC. This will be the first emission reduction purchase in the country and will place Guatemala as the 2nd country in the LAC region to achieve this goal in the forestry sector. This will generate economic benefits for stakeholders (local communities, indigenous groups, private sector, NGO's, municipalities, amongst others)
- The Ministry of Energy and Mines (MEM) announced in November 2022 that by 2024 gasoline consumed in the country must contain 10% ethanol, which must be mandatory for the country. This will contribute to support the economy of the population with respect to the increase in fuel prices. The pilot plan financed by the IDB for the Government of Guatemala was the basis for generating scientific evidence on the benefits and advantages of ethanol to supply the transportation sector. MEM is currently working on a regulation law linked to the Fuel Alcohol Law (Decree number 17-85).
- Through the proposal for sustainable livestock farming with low emissions developed within the framework of the TC, it will allow the Government of Guatemala, through the Ministry of Agriculture, Livestock and Food to explore different climate finance opportunities to complement actions that address key deforestation factors identified in the National REDD+ Strategy.