

LISTA DE CHEQUEO PARA FIRMA DE PRODOCS /REVISIONES

PROGRAMA

DATOS GENERALES

FECHA 6 de octubre de 2014
 NUMERO DEL PROYECTO :00080751
 NUMERO DEL OUTPUT ID :00090331
 NOMBRE DEL PROYECTO *Fase PPG Pilot implementation of Technology Transfer in the Industrial Sector for the Cundinamarca -Bogota Region.*

REVISIÓN ANTERIOR: REVISIÓN ACTUAL: INICIAL

PRODOC NUEVO: SI FECHA PREPAC NA_ FECHA PAC 29-sep-2014

FIRMAS

	NOMBRE	FIRMA	FECHA
ANALISTA	<u>JIMESCU Puyac</u>	<u>[Signature]</u>	<u>06.10.14</u>
FINANZAS	<u>OSCAR OSALVE</u>	<u>[Signature]</u>	<u>06.06/14</u>
ADQUISICIONES <small>(solo si el proyecto tiene un componente alto de adquisiciones)</small>	<u>F. de Adams</u>	<u>[Signature]</u>	<u>06/oct/14</u>
PLANEACION ESTRATEGICA <small>DA</small>	<u>Daniel Vargas</u> <u>Budget OK [Signature]</u>	<u>[Signature]</u>	<u>09/oct/14</u>

OBSERVACIONES: *Este Proyecto está en fase de inicio, y es una Fase PPG, en su arranque se construirá el Plan de Adquisiciones.*

[Signature]

ENVIO A LA SEDE : _____
(solo si se trata de nuevo PRODOC o Rev. Sustantiva)



COMITÉ DE EVALUACIÓN DE PROYECTOS
PAC

Fecha de la Reunión: 29 de septiembre de 2014

ATLAS Project ID: 00080751 -ATLAS Output ID: 00090331

Título: Fase PPG: NAMA Pilot Implementation of Technology Transfer Projects in the Industrial Sector for the Cundinamarca-Bogotá Region

Nombre de la Agencia de Ejecución: PNUD

Duración del Proyecto: 12 meses

Modalidad de Ejecución: DIM

Indicador(es)/Resultado(s) UNDAF: Capacidades nacionales, regionales y locales fortalecidas para la gestión integral del territorio que garantice el desarrollo sostenible

Resultado(s)/Indicador(es) Esperado(s) - (Resultado CPAP): Fortalecimiento de capacidades, por parte de las instituciones públicas y de la sociedad civil, para enfrentar y reducir el impacto negativo del cambio climático, la reducción de la capa de ozono, el manejo de los residuos sólidos, el manejo integral de los recursos hídricos y de los contaminantes orgánicos persistentes, en concordancia con los acuerdos internacionales.

Producto(s) Esperados/Metas Anuales (Productos CPAP vinculados con el resultado CPAP mencionado arriba): Instituciones públicas y de la sociedad civil consolidan capacidades para enfrentar y reducir el impacto negativo del cambio climático, la reducción de la capa de ozono, el manejo de los residuos sólidos, el manejo integral del recurso agua, y de los contaminantes orgánicos persistentes, en concordancia con los acuerdos internacionales/AI menos 4 iniciativas nuevas en 2012

Presupuesto del Proyecto:

GEF: USD 100.000,00

Funcionario que solicita el análisis del PAC: Jimena Puyana

Antecedentes:

Colombia ha presentado hasta el momento dos Comunicaciones Nacionales ante la Convención Marco de Naciones Unidas Sobre el Cambio Climático. En el marco de esas comunicaciones nacionales, se han elaborado 4 inventarios nacionales de gases de efecto invernadero para los años 1990, 1994, 2000 y 2004. Según el inventario nacional de gases de efecto invernadero más reciente, Colombia emitió en el año 2004 aproximadamente 180000 Gg de CO₂ equivalente. Del total de estas emisiones, el sector industrial contribuye con el 12,38%¹, del cual 7,28% proviene de la quema de combustibles fósiles.

Por otro lado, a nivel regional, en el marco del Plan Regional Integral de Cambio Climático Región Capital PRICC, se calculó el inventario de emisiones de Gases Efecto Invernadero –GEI– para la región Cundinamarca-Bogotá, tomando como referencia el año 2008. Las emisiones totales de GEI se estiman en 22.962 Gg de CO₂ equivalente (CO₂-e), de las cuales 10.454 Gg CO₂-e corresponden a Cundinamarca, y 12.508 Gg CO₂-e a Bogotá. Del total de emisiones en Cundinamarca, el 56% corresponde al módulo de energía (Uso de combustibles fósiles en generación de energía, transporte, industria y comercio) el 35% agricultura, 6% residuos y 3% procesos industriales (producción de cemento, coque, vidrio y sustitutos). En Bogotá la distribución de emisiones por módulo es la siguiente: 73,3% energía (Uso de combustibles fósiles en generación de energía, transporte, industria y comercio), 24,8% residuos, 1,6% procesos industriales (producción de cemento, coque, vidrio y sustitutos) y 0,3% agricultura².

Con lo anterior se evidencia que si bien el sector industrial no es el mayor emisor en Colombia si bien tiene una importante contribución a las emisiones generadas a nivel nacional y regional. Adicionalmente, es un sector de alta relevancia económica y social ya que contribuye con aproximadamente con un 12% del PIB nacional (ANDI 2012), que además se compone en gran mayoría de pequeñas y medianas empresas que requieren de un apoyo por parte del estado y de diferentes actores privados para lograr una transformación productiva a través de un enfoque sistémico que les permita acceder a nuevas tecnologías y participar de forma competitiva en nuevos mercados haciendo un uso eficiente de los recursos naturales.

Por estas razones, el sector industrial es uno de los sectores prioritarios dentro de la Estrategia Colombiana de Desarrollo Bajo en Carbono. La Estrategia Colombiana de Desarrollo Bajo en Carbono (ECDBC) es un programa de planeación del desarrollo a corto, mediano y largo plazo, liderado por el Ministerio de Ambiente y Desarrollo Sostenible (MADS) y apoyado por el Departamento Nacional de Planeación (DNP), y los Ministerios Sectoriales de Colombia, que busca desligar el crecimiento de las emisiones de gases efecto invernadero (GEI) del crecimiento económico nacional.

Con lo anterior se reafirma además que el proyecto presentado por la CAEM se encuentra en línea con las políticas y prioridades nacionales y que se busca a través del mismo superar barreras identificadas para la implementación de medidas de eficiencia energética dentro del sector industrial.

El objetivo de este proyecto de fase de preparación (fase PPG) se desarrollará el Documento de Proyecto a ser sometido a aprobación del GEF para recibir los fondos completos para la implementación del proyecto.

¹ Incluyendo emisiones provenientes de la quema de combustibles fósiles y la generación de GEI como subproductos de procesos de transformación físico-química

² Plan Regional Integral de Cambio Climático Región Capital PRICC. (2008). Inventario de emisiones de GEI para la región Cundinamarca-Bogotá.

Componentes del proyecto:

1. Revisión técnica
2. Formulación del proyecto:
 - a. Escritura de contexto, barreras, riesgos y marco lógico
 - b. Arreglos institucionales
 - c. Presupuesto y co-financiamiento
 - d. Talleres de validación con grupos de interés

Enfoques Transversales del PNUD:

Este proyecto apunta al enfoque transversal del PNUD de desarrollo de capacidades nacionales. Fortalecerá las capacidades del gobierno en el desarrollo de opciones sectoriales de mitigación. Esto fortalecerá las capacidades del gobierno en posicionarse en nivel internacional en las negociaciones de cambio climático y en hacer sus compromisos de reducciones de gases de efecto invernadero. Por otro lado, este proyecto fortalecerá el sector industrial, y específicamente las empresas medianas y pequeñas del sector, en producir información relevante que integra consideraciones de cambio climático y en tomar decisiones que ayudan a bajar la carbono-intensidad de las actividades económicas. Se espera que lo antes mencionado ayuda a mejorar la competitividad de los PYMES en el sector industrial.

El cambio climático y sus impactos negativos afectan toda la población colombiana, y acciones de mitigación que se desarrollarán a través del proyecto, ayudan a bajar las emisiones de gases de efecto invernadero. Esto es importante para mitigar las causas de cambio climático en el país y en nivel mundial. Por esta razón este proyecto tiene un impacto en el desarrollo humano de más largo plazo.

Principales productos:

El producto principal es tener la versión final del Documento de Proyecto del proyecto para ser sometido al GEF para aprobación.

Objetivo de la Presentación: Poner a consideración del Comité la aprobación este proyecto.

Análisis de Riesgos:

Riesgo: Demoras en la conformación de equipo de proyecto. Ya que el proyecto tiene una duración de solamente 12 meses, es importante ser ágiles en la conformación del equipo de trabajo.

Acciones de mitigación: Borradores de los TORs del equipo de trabajo ya están elaborados. Terminar con los procesos de contratación lo antes posible.

Riesgo: No se cuenta con información de calidad para la elaboración de la línea base para el sector (por ejemplo sobre emisiones).

Acciones de mitigación: Se trabaja a la mano con el Ministerio de Ambiente y Desarrollo Sostenible y su Estrategia de Desarrollo Bajo en Carbono, y el Ministerio de Comercio, Industria y Turismo a nivel nacional, para crear cercanas relaciones con el sector un intercambio de información fluido. Adicionalmente, en el país se está actualizando información sobre el sector que va a ser de utilidad en la formulación de este proyecto. Por ejemplo el IDEAM conjuntamente con el PNUD está actualizando los inventarios nacionales de GEI, y la UPME está elaborando un estudio de caracterización del sector.

Comentarios y Recomendaciones del PAC:

- Por normas PNUD PI tiene una duración de hasta 12 meses. En algunos apartes del PAC, de ATLAS y del proyecto hablan de 18 meses en otros de 6. Favor ajustar donde corresponda. OK ajustado a 12 meses
- Si bien los modelos del GEF exigen cierta información y teniendo en cuenta los comentarios de auditoría al PNUD de 2013, solicitamos asegurarse de cumplir con la información básica de los proyectos, es decir un Plan de Iniciación con duración de 9 meses para la puesta en marcha de actividades piloto requerirá la combinación de varias herramientas y mecanismos de monitoreo, en lugar de un Plan de Iniciación a corto establecido para contratar consultores para la finalización del Documento de Proyecto Completar adicionalmente línea de base, indicadores, meta, medios de verificación, entre otros. OK ingresado
- Revisar y ajustar información en ATLAS (financiera, tiempos, entre otras). OK ajustado

Miembros del PAC:

Daniel Vargas, Jimena Puyana, Blanca Cardona, Carolina Naranjo, Amalia Alarcón, David Quijano

Invitados: Johanna Zilliacus, Andres Franco, Juan Pablo Toro



DV
Daniel Vargas
Presidente del PAC

Fecha: 3. Octubre 2014



Annual Work Plan

Colombia - Bogota

Project: 00080751

Project Title: NAMA INDUSTRIAL PPG

Year: 2015

Report Date: 2/10/2014

Output	Key Activities	Timeframe		Responsible Party	Planned Budget				
		Start	End		Fund	Donor	Budget Descr	Amount US\$	
00090331 NAMA piloto CAEM	Preparacion Documento MS			UNDP	62000	GEFTrustee	74500	Miscellaneous Expenses	5,000.00
				UNDP	62000	GEFTrustee	71400	Contractual Services - Individ	35,000.00
				UNDP	62000	GEFTrustee	71600	Travel	5,000.00
				UNDP	62000	GEFTrustee	71300	Local Consultants	48,000.00
				UNDP	62000	GEFTrustee	74200	Audio Visual&Print Prod Costs	2,000.00
				UNDP	62000	GEFTrustee	72100	Contractual Services-Companies	5,000.00
TOTAL									100,000.00
GRAND TOTAL									100,000.00



INITIATION PLAN TEMPLATE
FOR A GEF PROJECT PREPARATION GRANT (PPG)

Project Title: NAMA Pilot Implementation of Technology Transfer Projects in the Industrial Sector for the Cundinamarca-Bogotá Region

Country: Colombia

Initiation Plan Start Date: Enero de 2015

Initiation Plan End Date: Diciembre de 2015

Programme Period: 2008-2014
CPAP Programme Component: Sustainable Development
Project ID: 00080751
Output ID: 00090331
PIMS Project ID: 5190
Management Arrangement: DIM

Total budget: **100,000 US\$**

Allocated resources:

- GEF 100,000 US\$
-

AGREED BY UNDP RESIDENT REPRESENTATIVE
Resident Representative

Signature

Date: *day/month/year*

'10 OCT 2014

A. Brief Description of Initiation Plan:

The Initiation Plan (IP) outlines the activities that will be carried out to further develop the approved project concept of "NAMA Pilot Implementation of Technology Transfer Projects in the Industrial Sector for the Cundinamarca-Bogotá Region" into a Medium Size Project. The IP consists of the project preparatory activities such as: (1) Conduct of baseline studies and surveys to come up with the pertinent data and information that are required to verify and confirm the earlier identified baseline projects; (2) Conduct of a logical framework analysis (LFA) mainly to verify and firm up the project planning matrix (PPM) or results framework (log frame); (3) Identification and assessment of demonstration schemes including calculation of GHGs emission reductions; (4) Detailed design of the project components and activities; (5) Conduct of stakeholder and project partner coordination meetings (e.g., demonstration hosts and co-financers), and establishment of the appropriate project implementation and management arrangements; (6) Preparation of the UNDP-GEF Project Document (ProDoc) and GEF CEO Endorsement Request (CER) Document based on the GEF-approved project concept, i.e., GEF-approved PIF (Annex 1); and, (7) Finalization of the ProDoc and CER Document.

The final output of the initiation plan will be a UNDP-GEF project document and GEF CEO endorsement template ready for submission to UNDP and GEF.

B. Project preparation activities:

The final outputs of a UNDP-GEF Project Document and GEF CEO Endorsement Request template will be achieved through the implementation of 5 component activities in this Project Preparation Phase, namely:

1. Component A: Technical review

- I. Baseline studies(based on secondary information): Calculations of a baseline on GHG SLCP emissions of the region's industries, energy characterization of the region's industries, the region's industries' economic and productive annual performance, existing financial mechanisms related to technology transfer and mitigation projects, and other information needed to elaborate the Project Document.
- II. Studies to validate and expand the barrier descriptions outlined in the PIF: This should include research and narrate the impact of:
 - i. *Lack of support to industrial companies to improve their environmental performance and compliance*
 - ii. *None or limited knowledge of alternative methods*
 - iii. *Limited access to capital to uptake new industrial methods*
- III. Analysis of baseline studies and available data to justify and detail specific outputs proposed in the PIF
- IV. Addressing any opportunities/risks identified during an environmental and social screening of the project proposal: see attached pre-screening. The gender assessment will be aligned with the UNDP's Gender Equality Strategy (2008-2013). In this regard, UNDP is committed to ensure that gender equality is fully integrated into its entire programme from the design to implementation and reports annually on its performance across the portfolio
- V. Identification of specific sites for intervention
- VI. Integration with development plans, policies, budgets and complementary projects: Revision and analysis of existing public and private initiatives within the industrial sector related to energy efficiency and clean energy for synergies with the project.

- VII. Stakeholder consultations during technical review: This activity will mobilize and engage stakeholders during the project design phase to provide for the design of appropriate communication strategies for targeted audiences in the MSP and confirm potential partnerships with on-going projects to build synergies. Consultations and partnerships achieved during this phase will be properly documented.
 - VIII. Detailed design of the project components and activities in cooperation with CAEM and UNDP
2. Component B: Institutional arrangements, monitoring and evaluation: The outputs of Component A will be used as technical input to Component B in formulating the UNDP-GEF Project Document.
- I. Finalization of project results framework: Further definition of the results framework with appropriate objective-level and outcome-level quantitative and qualitative indicators, and end-of-project targets. Special attention will be made to include socio-economic and sex disaggregated indicators.
 - II. Definition of monitoring and evaluation (M&E): A detailed M&E work plan will be developed, including clear identification of responsibilities and accountabilities, as well as an appropriate M&E budget. The plan will be based on the standard template provided in the UNDP-GEF project document template that reflects the mandatory requirements of the GEF M&E Policy.
 - III. Completion of GEF focal area tracking tool: Strategic Objective 1 & 6 (CCM-1 & 6)
 - IV. Define sustainability plan: The sustainability plan will outline the principles and guidelines for ensuring the long-term sustainability of project achievements. It will also outline an exit strategy, seeking the continuation of key activities/achievements without the need of long-term international financing.
 - V. Definition of management arrangements: The organisational structure governing the project will be decided. This will include identification of the project board.
 - VI. Stakeholder consultations during Component B: Involve key agencies in the development of the project strategy to ensure a strong national ownership. In close collaboration with key government representatives and other stakeholders ensure full participation in the development of the project results framework and ensure agreement on the project objectives and outcomes. Undertake consultations to secure agreement(s) on project implementation arrangements, including roles, responsibilities, and accountabilities of lead and partner agencies. Document these consultations.
3. Component C: Financial planning and co-financing investments:
- I. Prepare a detailed multi-year budget following the standard template provided in the UNDP-GEF project document template that reflects the mandatory requirements of the GEF M&E Policy.
 - II. Explore multilateral and bilateral co-financing opportunities: Undertake series of consultations with partners to ensure a coherent and sustainable financing package for the project including post- GEF grant phase.
 - III. Ensure completion of required official endorsement letters: An official endorsement letter will be prepared by the GEF Operational Focal Point of the Government. A co-financing guarantee will be collected from participating government institutions, bilateral development partners,

multilateral development partners and NGOs who wish to provide cash or in kind contributions to the project.

- IV. Stakeholder consultations during Component C: The detailed multi year budget needs to be discussed with the relevant stakeholders individually as well as consensus reached in the validation workshop. The co-financing figures should be discussed with the stakeholders and commitment to cofinancing formally conveyed through written form.

4. Component D: Validation workshop

A validation workshop will gather representatives from all relevant stakeholders to present, discuss and validate the final draft project document.

NB: All activities during the PPG phase should be carried out in coordination and under the supervision of UNDP's and CAEM's technical teams.

N

C. Project preparation activities work plan, timeframe, responsibilities and budget:

PPG Activity	Timeframe (in months) ¹												Responsibility	Budget			
	1	2	3	4	5	6	7	8	9	10	11	12					
Component A Technical Review																	US\$ 57,000
Component B Institutional Arrangements																	12,000
Component C Financing and Co-Financing																	14,500
Component D Validation Workshop																	16,500
Total																	100,000

D. Total Budget (year 2015):

Output ID:	00090331
Award Title:	NAMA Pilot Implementation of Technology Transfer Projects in the Industrial
Business Unit:	COL10
Project Title:	NAMA Pilot Implementation of Technology Transfer Projects in the Industrial Sector for the Cundinamarca-Bogotá Region
Project ID:	00080751
Implementing Partner (Executing Agency)	UNDP

¹ If an FSP project please add additional six months noting 18 month deadline between GEF approval of the PIF and GEF CEO endorsement of the project document

GEF Outcome/Atlas Activity	Responsible Party/	Fund ID	Donor Name	Atlas Budgetary Account Code	2015 ATLAS Budget Description	2015 Amount US\$	
Project preparation grant to finalize the UNDP-GEF project document for project "NAMA Pilot Implementation of Technology Transfer Projects in the Industrial Sector for the Cundinamarca-Bogotá Region"	001981	62000	GEF TRUSTEE 10003	71200	International Consultants	35,000	
				71300	Local Consultants	48,000	
				71600	Travel	5,000	
				72100	Contractual Services - Companies	5,000	
				72500	Supplies		
				74200	Audio Visual and Printing Production Costs	2,000	
				74500	Miscellaneous Expenses	5,000	
				75700	Trainings		
					PROJECT TOTAL		100,000



GLOBAL ENVIRONMENT FACILITY
INVESTING IN OUR PLANET

Nashe Isah
CEO and Chairperson

June 11, 2014

Ms. Adriana Dina
GEF Executive Coordinator
United Nations Development Programme
One United Nations Plaza
New York, NY 10017

Dear Ms. Dina:

I am pleased to inform you that I have approved the medium-sized project concept detailed below. I have also approved your request for project preparation grant.

Decision Sought:	Project Identification Form (PIF) and Project Preparation Grant (PPG) Approval
GEFSEC ID:	\$841
Agency(ies):	UNDP
Agency ID:	\$190 (UNDP)
Focal Area:	Multi Focal Area
Project Type:	Medium Size Project
Country(ies):	Columbia
Name of Project:	NAMA Pilot Implementation of Technology Transfer Projects in the Industrial Sector of the Cundinamarca-Bogota Region
Indicative GEF Project Grant:	\$1,726,484
Indicative Agency Fee:	\$164,016
PPG Grant:	\$100,000
PPG Agency Fee:	\$9,500
Funding Source:	GEF Trust Fund

This PIF and PPG approval is subject to the comments made by the GEF Secretariat in the attached project review document. It is also based on the understanding that the project is in conformity with GEF focal areas strategies and in line with GEF policies and procedures. Please submit your final medium-sized project document for my approval no later than 12 months after PIF approval.

Sincerely,

Nashe Isah

Attachment: GEFSEC Project Review Document
Copy to: Country Operational Focal Point, GEF Agencies, STAP, Trustee

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Annex 2: Summary of Consultants Financed by the Initiation Plan

Summary Tasks to be Performed

Local Consultants

Energy and GHG Emissions Expert: The Energy and GHG Emissions Expert is a specialist on (small- and medium-scale) industry and energy efficiency, and in assessing green house gas emissions. This expert will be responsible for the baseline and other studies related to the sector's energy performance and GHG emissions, working under the general guidance of the GEF Project Document Specialist (international expert).

Will carry out the following tasks:

- Calculations of a baseline on GHG and SLCP emissions of the region's industries
- Energy characterization of the region's industries to establish baseline
- Identification of different kinds of technological conversion projects and their possible application in this project, including information on investment costs and analysis of different subsectors.
- Baseline study on the region's industries' productive annual performance
- Studies to validate and expand the barrier descriptions outlined in the PIF: This should include research and narrate the impact of:
 - *Lack of support to industrial companies to improve their environmental performance and compliance*
 - *None or limited knowledge of alternative methods*
- Methodological proposal for conducting the GHG inventory
- Inputs for addressing any opportunities/risks identified during an environmental and social screening of the project proposal
- Developing a proposal of specific sites for intervention, in cooperation with the other experts and stakeholders
- Revision and analysis of existing public and private initiatives within the industrial sector related to energy efficiency and clean energy
- Conducting any other energy or GHG emissions-related study or analysis requested in the formulation of the project
- Formulation of a proposal for the NAMA pilot project (including activities, sub-activities, indicators and sources of verification)

Qualifications:

- Experience in GHG and SLCP emissions calculations and energy characterizations;
- Work experience in climate change mitigation or energy efficiency projects;
- Knowledge of energy efficiency technologies
- Experience of working with the industrial sector, preferably small- and medium-scale;
- Relevant advanced degree in engineering, economics or other related field

Climate and Energy Efficiency Finance Expert: The Climate and Energy Efficiency Expert is a specialist on financial mechanisms related to technology transfer and mitigation projects. This expert will be responsible for the baseline and other studies related to financial mechanisms and economic data on the industry sector, working under the general guidance of the GEF Project Document Specialist (international expert).

Will carry out the following tasks:

- Baseline study on the region's industries' economic annual performance
- Baseline study on existing financial mechanisms related to technology transfer and mitigation projects
- Studies to validate and expand the barrier descriptions outlined in the PIF: This should include research and narrate the impact of:
 - *Limited access to capital to uptake new industrial methods*
- Developing proposal for possible financial mechanisms to be developed by the project
- Developing proposal for accurate financial mechanism of NAMA
- Inputs for the budget structure of project

Summary Tasks to be Performed

- Inputs for addressing any opportunities/risks identified during an environmental and social screening of the project proposal
- Conducting any other finance or economics-related study or analysis requested in the formulation of the project

Qualifications:

- Experience in sectorial/private sector financial and economic performance analysis;
- Work experience in developing financial mechanisms (preferably for energy efficiency or climate change mitigation);
- Work experience in sustainable energy project development is a merit;
- Experience of working with the industrial sector, preferably small- and medium-scale;
- Relevant advanced degree in economics, finance, engineering or other related field

International consultants

International PPG Team Leader – Technology Transfer & Capacity Development Expert (International):

The Team Leader is an Energy Specialist responsible for coordinating the work of all other experts working with the selected National consultants through, and will ensure the quality and timely preparation of all reports and documentation with at least two missions to Jamaica and home-based work. Additionally, the Team Leader will ensure the improvement of the decision/policy making process in Jamaica through the design of mechanisms of capacity building, awareness raising and knowledge dissemination aimed at different sectors (education, public works, technicians, and other civil servants) and general public outreach nationwide on the benefits of using EE products and Solar PV systems.

Will carry out the following tasks:

Project Preparation:

- Provide an overall orientation to the PPG team in relation to GEF requirements for project planning and monitoring.
- Provide methodological guidance for data collection related to project planning and monitoring with particular attention given to the description and quantification of the baseline investments.
- Based on the inputs from national experts and in close cooperation with the key national stakeholders compiles final baseline/situational analysis for the MSP. This will include a precise definition of baseline projects, activities, budgets, goals and co-financial links to GEF outcomes; definition of GEF incremental value per outcome and output; presentation of results of the incremental cost-analysis in matrices.
- Based on the inputs from national experts and the best international practice, prepares a quantified assessment of global environmental benefits for climate change mitigation projects.
- Analyses the socio-economic benefits of the proposed interventions at national and local levels.
- Based on the international experience, assists in reconfirming/specifying the project strategy, finalizing project sections on: (a) An assessment of the social, economic and financial sustainability of proposed project activities; (b) Assessment of alternatives to the project strategy and establishing the cost effectiveness of the preferred strategy and suite of activities; (c) A replication strategy for project activities; (d) Assessment of the risks to the proposed project activities and identifying measure to mitigate these risks; (e) incremental cost analysis.
- Based on national experts inputs, develops project monitoring and evaluation system for the MSP including the completed tracking tool for climate change mitigation and a set of indicators, baselines and targets.
- Elaborates and finalize a Logical Framework of the project.
- Based on national experts inputs finalize M&E plan and budget. Define recommended project monitoring and evaluation indicators.
- Based on national experts inputs, drafts ToRs for the key consultants/contracts to be employed by the project.
- Based on national experts input, elaborates Stakeholder Involvement and Public Participation plans.
- Develop action plan for incorporation of gender aspects in the project, with quantifiable baseline and target indicators, as per GEF and UNDP guidance.

Summary Tasks to be Performed

- Performing final reviews of the required project documentation.
- Conduct Environmental and Social Safeguard Screening following the UNDP procedure, producing the checklist and summary report.

The Key deliverable of the Lead Energy Expert will be a final comprehensive project document in UNDP format and the CEO Endorsement Request template.

Preparation of this key deliverable will include quality control and final formulation of the following indicative sections of a UNDP/GEF compliant project document:

- Situation Analysis (including proposal sections on context, threats/root causes/barriers analysis, institutional/sectoral/policy context, stakeholder analysis, business-as-usual-analysis, gender issue analysis, indigenous groups, business-with-GEF-analysis)
- Project Strategy (including proposal sections on project rationale and policy conformity, project goal, objective, outcomes, outputs and activities, project indicators, risks and assumptions, country ownership, sustainability and replicability)
- Institutional and Management Arrangements
- Monitoring and Evaluation Plan and Budget
- Incremental Cost Analysis (including systems boundary, Summary of costs, additional cost matrix)
- Strategic Results Framework (formerly Logical Framework Analysis)
- Total Budget and First Annual Work plan
- Project Organigram
- Project timetable
- Terms of Reference for Project staff and main consultants and sub-contracts
- Stakeholder involvement Plan with a focus on indigenous groups
- Co-financing letters from stakeholders
- Annexes and additional information annexes including UNDP environmental and social screening.

These sections are indicative; As templates may be subject to change, the GEF Project Design Specialist will be required to obtain guidance by the UNDP/GEF Regional Technical Advisor and UNDP CO on applicable formats and templates and ensure that his/her work is compliant with UNDP/GEF and UNDP CO requirements.

Qualifications:

Education

- MSc in energy systems, environmental management, physics, electrical engineering or related discipline
- PhD would be a MSc in energy systems, environmental management, physics, electrical engineering or related discipline

Experience

- Proven and extensive international experience in renewable energy projects, with demonstrated experience working with photovoltaic technologies, experience with public lighting or public building is a distinct advantage;
- Understanding of the technical, engineering, environmental and financial considerations installing renewable energy systems
- At least 10 year experience designing and/or implementing renewable energy and/or climate mitigation activities in developing countries
- Work experience in any other Latin America and the Caribbean country preferred; and
- Working knowledge of both English and Spanish is required



Empowered lives.
Resilient nations.

September 11, 2014.

Dear *Mr. Hochschild*,

Subject: Medium-Size Project, Colombia: NAMA Pilot Implementation of Technology Transfer Projects in the Industrial Sector of the Cundinamarca-Bogota Region- PIMS No. 5190 - ATLAS BU: COL10 - Proposal No.: 00080751 - Project No.: 00090331.

I am pleased to delegate to you as the UNDP Resident Representative the authority to sign the Initiation Plan for the above-mentioned Project Preparation Grant (PPG) / Programme Cooperation Budget (PCB) on behalf of UNDP, and to commence development of the main project. The Initiation Plan, which amounts to a total of USD 100,000, has received its final approval in accordance with the established GEF procedures (CEO approval letter attached for ease of reference).

I am also pleased to provide a summary of the next steps in the process and to outline, for your easy reference, the mandatory GEF-specific project financial and results management requirements. In addition, a number of Advisory Notes have been prepared to support the implementation of Initiation Plans and UNDP supported GEF funded projects. These can be found in the UNDP-GEF Programming Manual at <http://intra.undp.org/gef>.

Next steps and mandatory GEF-specific requirements:

1. ***Issuance of Authorized Spending Limit (ASL):*** To facilitate a quick start to the PPG/PCB, once the Initiation Plan is signed, please kindly ensure that the Atlas-generated *Annual Work Plan (AWP)* based on the *Total Budget and Annual Work Plan* in the attached document, along with a copy of the signed cover page, is sent to *Mr. Raul Alfaro Pelico*, Regional Technical Advisor (RTA) in *Panama*.

Any proposed budget revisions should be forwarded to the UNDP RTA together with a clear explanation of the changes proposed as any significant changes require review and approval. In addition, please note that UNDPGEF is not in a position to increase the project budget above the amount already approved by the GEF Council. Therefore, any over-expenditure on this project would have to be absorbed by other Country Office resources.

2. ***GEF-specific project management requirements:***

- Any changes with respect to the objectives of the initiation plan will have to be discussed with and approved by the RTA, as they will have to be reported to the GEF.

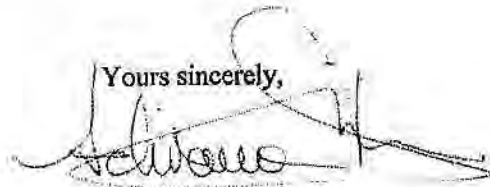
Mr. Fabrizio Hochschild
Resident Representative
UNDP Colombia
Colombia

United Nations Development Programme

- The final project document and annexes must be ready by June 10, 2015 as outlined in the Initiation Plan. The RTA will advise you of the expected timeline for submission of the final project document for the purpose of internal UNDP clearance prior to submission to the GEF Secretariat.
- All efforts should be made to completely commit the GEF PPG resources by the time the project document is submitted to the GEF for CEO endorsement. A report on the use of the PPG resources is included in Annex C of the GEF CEO Endorsement template.
- If the PPG activities and resources have not been fully completed/committed by CEO endorsement, the same reporting table must be submitted with the first project implementation report (APR/PIR) due one year after project document signature.
- This preparatory phase must be operationally completed in Atlas once the main project is endorsed by the GEF CEO. Financial closure should follow within 12 months, but preferably within the same calendar year.
- In order to accord proper acknowledgement to the GEF for providing funding, full compliance is needed with the GEF's Communication and Visibility Guidelines (the "GEF Guidelines"). The GEF Guidelines can be accessed at: [http://www.thegef.org/gef/sites/thegef.org/files/documents/C.40.08 Branding the GEF%20final 0.pdf](http://www.thegef.org/gef/sites/thegef.org/files/documents/C.40.08_Branding_the_GEF%20final_0.pdf). Full compliance is also required with UNDP's branding guidelines. These can be accessed at <http://intra.undp.org/coa/branding.shtml>, and specific guidelines on UNDP logo use can be accessed at: <http://intra.undp.org/branding/useOfLogo.html>.

In concluding, I would like to assure you of UNDP-GEF's and my personal commitment to a successful implementation of the Initiation Plan. The RTA is at your disposal for advice and technical support. Should you have any concerns or questions, please do not hesitate to contact me.

Yours sincerely,



Adriana Dinu
UNDP – GEF Executive Coordinator
and Director a.i.

cc: *Ms. Jessica Faieta*, UN Assistant Secretary-General and Regional Director for Latin America and the Caribbean
Mr. Marcel Aiers, Head, Energy, Infrastructure, Transport & Technology, UNDP-GEF
Mr. Arnaud Peral, Country Director, UNDP Colombia.
Mr. Raul Alfaro Pelico, UNDP/GEF Regional Technical Advisor, Panama City, Panama.

Annexes

Annex 1 CEO approval letter for PIF



GLOBAL ENVIRONMENT FACILITY
INVESTING IN OUR PLANET

Naoko Ishii
CEO and Chairperson

June 10, 2014

Ms. Adriana Dima
GEF Executive Coordinator
United Nations Development Programme
One United Nations Plaza
New York, NY 10017

Dear Ms. Dima:

I am pleased to inform you that I have approved the medium-sized project concept detailed below. I have also approved your request for project preparation grant.

Decision Subject:	Project Identification Form (PIF) and Project Preparation Grant (PPG) Approval
GEFSIC ID	SR43
Agency(ies):	UNDP
Agency ID	4900 (UNDP)
Focal Area	Climate Change
Project Type	Medium Size Project
Country(ies)	Jamaica
Name of Project	Deployment of Renewable Energy and Improvement of Energy Efficiency in the Public Sector
Indicative GEF Project Grant:	\$1,254,987
Indicative Agency Fee:	\$119,221
PPG Grant	\$109,000
PPG Agency Fee:	\$9,500
Funding Source:	GEF Trust Fund

This PIF and PPG approval is subject to the comments made by the GEF Secretariat in the attached project review document. It is also based on the understanding that the project is in conformity with GEF focal areas strategies and in line with GEF policies and procedures. Please submit your final medium-sized project document for my approval no later than 12 months after PIF approval.

Sincerely,

Naoko Ishii

Attachment: GEFSEC Project Review Document
Copy to: Country Operational Focal Point, GEF Agencies, STAD, Truss

1111 20th St NW • Washington, DC 20433 • USA
Tel: (1 202) 471 1222 • Fax: (1 202) 522 1240
E-mail: gefsec@thegef.org
www.thegef.org

Annex 2: Project Cycle Management Services

Stage	Country Office ¹	UNDP/GEF at regional and global level
Project Development	<p><i>Initiation Plan:</i></p> <ul style="list-style-type: none"> • Coordination, management and financial oversight of UNDP Initiation Plan • Discuss management arrangements 	<p>RTA and PA role:</p> <ul style="list-style-type: none"> • Assist in preparation of UNDP Initiation Plan • Technical support, backstopping and troubleshooting. • Support discussions on management arrangements • Facilitate issuance of DOA
<p><i>Key UNDP/GEF management performance indicators/targets for Project Development:</i></p> <ol style="list-style-type: none"> 1. Time between PIF approval to CEO endorsement for each project: <ul style="list-style-type: none"> • Target for GEF trust fund project: FSP = 18 months or less, MSP 12 months or less. • Target for LDCF and SCCF: FSP/MSP = 12 months or less. 2. Time between CEO endorsement (or PAC for non GEF funded projects) to first disbursement for each project: <ul style="list-style-type: none"> • Target = 4 months or less 		

¹ As per UNDP POPP with additional SOF requirements where relevant.



GLOBAL ENVIRONMENT FACILITY
INVESTING IN OUR PLANET

Naoko Ishii
CEO and Chairperson

June 11, 2014

Ms. Adriana Dinu
GEF Executive Coordinator
United Nations Development Programme
One United Nations Plaza
New York, NY 10017

Dear Ms. Dinu:

I am pleased to inform you that I have approved the medium-sized project concept detailed below. I have also approved your request for project preparation grant.

Decision Sought:	Project Identification Form (PIF) and Project Preparation Grant (PPG) Approval
GEFSEC ID:	5841
Agency(ies):	UNDP
Agency ID:	5190 (UNDP)
Focal Area:	Multi Focal Area
Project Type:	Medium Size Project
Country(ies):	Colombia
Name of Project:	NAMA Pilot Implementation of Technology Transfer Projects in the Industrial Sector of the Cundinamarca-Bogota Region
Indicative GEF Project Grant:	\$1,726,484
Indicative Agency Fee:	\$164,016
PPG Grant:	\$100,000
PPG Agency Fee:	\$9,500
Funding Source:	GEF Trust Fund

This PIF and PPG approval is subject to the comments made by the GEF Secretariat in the attached project review document. It is also based on the understanding that the project is in conformity with GEF focal areas strategies and in line with GEF policies and procedures. Please submit your final medium-sized project document for my approval no later than 12 months after PIF approval.

Sincerely,



Naoko Ishii
Naoko Ishii

Attachment: GEFSEC Project Review Document
Copy to: Country Operational Focal Point, GEF Agencies, STAP, Trustee

1818 H Street, NW • Washington, DC 20433 • USA
Tel: +1 (202) 473 3202 - Fax: +1 (202) 522 3240
E-mail: gefceo@thegef.org
www.thegef.org



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MINISTERIO DE AMBIENTE Y DESARROLLO SOSTENIBLE
28/3/2014 16:6:23 FOLIOS:2 ANEXOS:0

AL CONTESTAR CITE: 8150-E2-10016

TIPO DOCUMENTAL:OFICIO

REMITE:OFICINA DE ASUNTOS INTERNACIONALES DE AMBIENTE

DESTINATARIO:PNUD

Bogotá D. C.

27 MAR. 2014

Mr.FABRIZIO HOCHSCHILD
Resident Coordinator
United Nations
Avenue 82 No. 10 – 62, 3rd floor
Bogotá D.C.

PNUD ASUNTO: ORG 130/2
Radicado:201401299 2014/03/31 8:19 AM
Proc:ENT00316-MINISTERIO DEL MEDIO AMBIENTE
Dest:JMP-PUYANA JIMENA
Asun:ENDORSEMENT FOR NAMA PILOT IMPLEMENTATION

Subject: Endorsement for "NAMA Pilot Implementation of Technology Transfer Projects in the Industrial Sector of the Cundinamarca-Bogotá Region"

Dear Mr. Hochschild,

In my capacity as GEF Operational Focal Point for Colombia, I confirm that the above Project proposal (a) is in accordance with my government's national priorities and our commitment to the relevant global environment conventions; and (b) was discussed with relevant stakeholders, including the global environmental convention focal points.

I am pleased to endorse the preparation of the above Project proposal with the support of the United Nations Development Program (UNDP). If approved, the proposal will be prepared and implemented by the Environmental and Business Corporation (CAEM) and the Ministry of Environment and Sustainable Development of Colombia. I request the UNDP to provide a copy of the project document before it is submitted to the GEF Secretariat for CEO endorsement.

The total financing requested for this Project is US\$ 2'000,000 from the Climate Change Focal Area, inclusive of Project Preparation Grant, and Agency Fees for project management cycle services associated with the total GEF Grant. The financing requested for Colombia is detailed bellow.

PNUD. COLOMBIA
'14MAR31 AM10:29:00
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PARA TODOS**

Source of Funds	GEF Agency	Focal Area	Amount in US\$			
			PPG	Project	Fee	Total
GEF TF	UNDP	CC-M	100,000	1'726,484	173,516	2'000,000
Total GEF Resources			100,000	1'726,484	173,516	2'000,000

Sincerely,

ALEJANDRA TORRES

Head, Office of International Affairs
GEF-OFP Colombia

Copia: Paula Caballero, Directora de Asuntos Económicos, Sociales y Ambientales, MRE y GEF-PFP, Colombia,
Fabiola Suárez, CAEM Director
Pablo Vieira, Viceministro de Ambiente y Desarrollo Sostenible,
Rodrigo Suarez, Director de Cambio Climático, MADS,

Elaboró: Juan Pablo Liévano/ Tatiana Núñez Suárez ^{TVS}
Fecha: marzo 27 de 2014