GREEN CLIMATE FUND

Approved **GCF Project Preparation Facility** application

PPF115 | Service

Funding Proposal	Catalyzing Colombia’s Just Energy Transition in Vulnerable Territories through Decentralized Solar Solutions
Accredited Entity	Financiera de Desarrollo Nacional (FDN)
Country	Colombia
Approval Date	1 July 2026

Docusign Envelope ID: 33B4AFF7-12CC-81A4-82A5-59260AE14460

Project Preparation Facility (PPF) Application

Concept note title	Catalyzing Colombia's Just Energy Transition in Vulnerable Territories through Decentralized Solar Solutions
Accredited Entity	Financiera de Desarrollo Nacional (FDN)
Country(ies)	Colombia
First submission	August 14, 2025.
Current submission	February 04, 2026. Version 03

GREEN CLIMATE FUND

Please submit the completed PPF application and the PPF no-objection letter to ppf@gcfund.org.
Refer to the PPF Guidelines for further information on completing the PPF application.

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A. Executive Summary				
A.1	**Accredited Entity (AE)**	Financiera de Desarrollo Nacional (FDN)		
A.2	**Title of concept note submitted with PPF application**	Catalyzing Colombia's Just Energy Transition in Vulnerable Territories through Decentralized Solar Solutions		
A.3	**PPF no-objection letter issued by NDA**	Please indicate country(ies) and date of letter(s): Bogotá, Colombia, 29/08/25		
A.4	**PPF support requested**	PPF Service for end to end FP preparation including support for addressing comments from the GCF Secretariat and ITAP following the FP submission-		
A.5	**Support from Readiness**	Has the AE accessed Readiness support for preparing the CN or PPF application?	☐ Yes [indicate relevant modality] ☒ No	
A.6	**Cost of PPF activities**	Amount requested from GCF Only applicable to PPF Funding N/A - this is PPF Service	☐ Grant	USD amount
			☐ Repayable grant	USD amount
			☐ Equity	USD amount
		Co-financing from AE	USD amount N/A	
		Co-financing from other sources	USD amount N/A	
		Total project preparation cost	USD amount N/A	
A.7	**Implementation period**	Expected number of months to implement the PPF activities: 15 months		
A.8	**Summary of PPF request**			

Please provide a brief description of the project preparation activities.

The Financiera de Desarrollo Nacional (FDN) intends to develop a Green Climate Fund Funding Proposal (FP) based on the Concept Note *"Catalyzing Colombia's Just Energy Transition in Vulnerable Territories through Decentralized Solar Solutions"* The proposed FP targets Colombia's Non-Interconnected Zones (ZNI) as priority areas to drive a transformational shift in energy access by replacing diesel-based generation in Mitú and Puerto Leguizamo municipalities; and with decentralized solar PV systems in Uribia municipality, complemented by individual household solutions and battery storage. This intervention will directly contribute to Colombia's Nationally Determined Contribution (NDC) of reducing emissions by 51% by 2030 and achieving carbon neutrality by 2050, while addressing persistent energy poverty, advancing climate justice, and supporting the GCF's paradigm-shift mandate and relevant Sustainable Development Goals (SDGs) including SDG-7 (access to affordable and clean energy).

This PPF identifies the activities and scope of these interventions to be developed with support from the GCF's PPF Service to produce a robust FP that meets GCF standards. Specifically, it will support the development of technical and feasibility studies, market analysis, environmental and social impact assessments (ESIA) and related management plans (including FPIC for Indigenous Peoples), gender assessments and a Gender Action Plan, climate risk and GHG mitigation studies, a climate impact monitoring tool, and financial and regulatory analysis and structuring. These studies, to be undertaken by specialized third-party experts, will respond to the unique logistical, regulatory, and socio-environmental complexities of ZNI territories, ensuring that the FP is evidence-based, inclusive, and fully aligned with GCF's Environmental and Social Safeguards (ESS) and Gender Policy.

The proposed PPF support is structured around a sequence of activities designed to address the key analytical, technical, financial, environmental, social, gender, legal, and governance gaps identified in the Concept Note and during GCF review. Together, these activities will generate all required inputs for a complete Funding Proposal package, including annexes, and provide technical assistance during the Secretariat and ITAP review process. The scope is designed to ensure clarity on expected outputs while leaving flexibility for the recruited firm to propose the most effective methodologies and sequencing.

By addressing critical information gaps and de-risking early-stage preparation, the PPF will enable the design of a bankable, blended finance model that mobilizes private capital for rural electrification in high-risk areas. It will also strengthen institutional and regulatory frameworks (e.g., tariff reform, subsidy mechanisms) and embed community-driven approaches to enhance ownership and sustainability. These efforts will reduce dependence on public subsidies, expand equitable access to modern energy, and generate co-benefits such as improved education, health, and livelihoods in climate-vulnerable regions.

A firm from GCF's PPF roster will lead the FP development together with FDN coordinating closely with national entities and NDA (Ministry of Mines and Energy, IPSE, FENOGE, DNP) and procuring specialized consultancy services through a GCF-led selection process, ensuring an open, transparent process consistent with GCF guidelines. This structured approach will ensure rigorous project preparation, alignment with national priorities, and timely submission of a high-quality FP to the GCF. The expected duration of the work Will be a total of nine (9) months

Activity	**Deliverables**

1. Feasibility Studies	• Feasibility studies with technical designs and specifications.
	• Logistical and procurement assessments for remote ZNI sites.
	• Market assessment and benchmarking of comparable programmes
	• Analysis of acceptance of the projects from the communities.
	• Map of technology providers.
	• Project definition and pipeline validation, including:
	  o Define clearly what constitutes a "project" under the programme (e.g., a single mini-grid, a cluster of household systems, or an aggregated bundle of assets under a specific SPV).
	  o Analysis of access to mini-grids and the corresponding legal framework analysis.
	  o Analysis of access to mini-grids and the corresponding legal framework analysis.
	  o Validate and update the pipeline of potential projects, providing for each identified project: location, estimated capacity (MW), technology configuration, expected CAPEX, projected generation and demand, number of beneficiaries, estimated emission reductions, and current stage of development (e.g., pre-feasibility, feasibility).
	  o Screen potential sites and estimate project envelopes for Typology 1 and Typology 2.
	• Preliminary CAPEX/OPEX models, lifetime cost estimates, and technical assumptions to inform the financial model.

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	• Datasets and technical assumptions for integration into financial modelling and FP annexes. • Develop revenue models for the T1 and T2 • Typology-specific revenue model inputs note, including Project Sponsor identification (public vs. private entity) and an assessment of potential appetite in coordination with Activity 3.
2. Identification of Project-Level Indicators	● Monitoring and Evaluation (M&E) framework with programme- and project-level indicators linked to GCF outcomes and impacts. ● Baseline data collection plan and methodologies for tracking technical, financial, gender, social, and environmental results. ● Draft logframe/results matrix consistent with the GCF IRMF.
3. Economic and Financial Studies and Structuring	● Dual-layer financial models: SPV-level and end-beneficiary-level financial models in fully functional .xls format. ● Concessionality Transmission and Beneficiary Impact Note Demonstrating: How concessional terms are passed from GCF → FDN (→ SPV)→ end-users. ● Revenue Model Description Note covering: Revenue sources by typology (T1/T2); Ultimate payers (users, public entities, subsidy schemes); and Contractual basis and enforceability of cash flows. ● Revenue Sustainability Analysis Report. ● Economic and financial analysis report including CAPEX/OPEX, cost–benefit assessment, scenario testing, in .docx and xls format. ● Detailed budget plan (Annex 4). ● Recommendations for blended finance structuring, risk allocation, co-financing arrangements, and detailed on-lending structure, explaining EFA assumptions and methodologies. ● Draft term sheet outlining the proposed financial structure/Instruments and conditions.
4. Environmental and Social Studies and Management Plans	● Environmental and Social Impact Assessment(s) (ESIA) and Environmental and Social Management Plan(s) (ESMP) ● Environmental and Social Action Plan (ESAP) ● Additional safeguard plans (resettlement, biodiversity, livelihood restoration, health and safety) ● Grievance Redress Mechanism (GRM) aligned with GCF and Colombian standards
5. Stakeholder Engagement Plan (SEP) Development	● Stakeholder Engagement Plan (SEP) with consultation summaries and communication strategy ● Indigenous Peoples Planning Framework (IPPF) and/or Indigenous Peoples Plans (IPPs) with documented FPIC processes
6. Gender and Social Inclusion Analysis and Studies	● Gender Assessment report for the programme and intervention areas.

	● Programme-level Gender Action Plan (GAP/GA) aligned with GCF and Colombian gender requirements, including performance indicators, targets, and budget allocation. ● Gender-sensitive monitoring indicators integrated into the M&E framework. ● SEAH risk assessment and safeguarding measures, including survivor-centred grievance mechanism and referral pathways.
7. Risk Assessments	● Programme-Level Risk Management Plan covering financial, operational, environmental, social, and governance risks. ● AML/CFT and KYC assessment report with recommendations and clarification of responsibilities. ● Integration of risk mitigation measures into relevant FP sections.
8. Pre-Contract Services, Including Revision of Tender Documents	● Legal due diligence report and regulatory compliance matrix. ● Governance and institutional arrangements for programme implementation. ● Legal action plan for risk mitigation, including dispute resolution measures. ● Draft term sheet or outline of key contractual structures supporting programme delivery.
9. Assessment of Climate Impact Potential for Mitigation and Adaptation Activities	● GHG calculation and estimation of emission reductions ● Comprehensive economic analysis (ENPV, EIRR) capturing avoided diesel costs and co-benefits ● Methodology for monitoring, reporting, and auditing climate impact potential
10. Funding Proposal Package Preparation and Post-Submission Support	● Full Funding Proposal package with special focus on section B.4 on Implementation Arrangements and G.3 on Financial Management and procurement, including all required annexes. ● Include an updated version of a Theory of change, which will clearly define the outcomes and outputs of the project to be part of the Funding Proposal Package. ● GHG baseline and mitigation assessment with MRV plan ● Operations and procurement manuals, implementation timetable ● Support documentation responding to GCF comments ● Draft Term Sheet

B. Justification for Project Preparation Support

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Please explain the AEs' need for project preparation funding from GCF, including any cash or in kind resources from the AE and co-financing for funding proposal development.

The proposed programme requires GCF PPF support to achieve the level of technical robustness, environmental and social compliance, financial structuring, and community engagement necessary for submitting a Funding Proposal. Although the Concept Note and initial structuring have been financed by the World Bank with support from SURECO & Partners, significant information gaps and complex policy requirements remain, particularly given the programme's innovative SPV-based blended finance approach and the sensitive context of Colombia's Non-Interconnected Zones (ZNI). PPF support is also essential to ensure that the Funding Proposal fully aligns with and contributes to Colombia's Nationally Determined Contribution (NDC) targets and long-term decarbonization strategy by enabling the phase-out of diesel dependence in remote territories as well as with the SDGs, including SDG 7.

ZNI territories are characterized by logistical challenges, limited availability of technical data, weak institutional presence, and the presence of Indigenous Peoples and Afro-Colombian communities requiring robust FPIC processes. While pilot projects for both typologies (T1 diesel–solar replacements and T2 individual solar systems) provide early evidence, they cannot replace the detailed feasibility analyses, safeguard instruments, and project-level studies that GCF requires before financing can be mobilized at scale. Without PPF support, key elements of the FP—such as climate risk assessments, financial models, ESIA/ESMPs, Indigenous Peoples Planning Framework, and detailed technical design—cannot be completed to GCF standards, delaying or preventing financing.

FDN will contribute in-kind co-financing through dedicated staff time from its structured finance, ESG, legal, procurement, and monitoring teams. However, due to the complexity of ZNI contexts, the need for highly specialized studies, and the stringent GCF compliance requirements, additional external expertise is indispensable. A firm from the GCF PPF roster will therefore lead FP preparation, working jointly with FDN.

GCF PPF support is critical to reduce investment risks, enabling the blended finance facility to crowd in commercial lenders and private equity; ensure social and environmental safeguards are robust, particularly regarding FPIC with Indigenous and Afro-Colombian communities; guarantee technical quality, lowering long-term operational risks in remote and climate-exposed regions; accelerate readiness, allowing submission of a high-quality FP within the two-year timeframe; and enable replicability, creating a standardized, bankable model for decentralized renewable energy in the ZNI.

Without PPF assistance, the programme would remain limited to small, grant-based pilots without the necessary integration, bankability, or safeguards compliance to unlock private capital at scale. PPF support is therefore essential to ensure the delivery of a country-owned, technically sound, socially inclusive, climate-resilient, and financially viable Funding Proposal.

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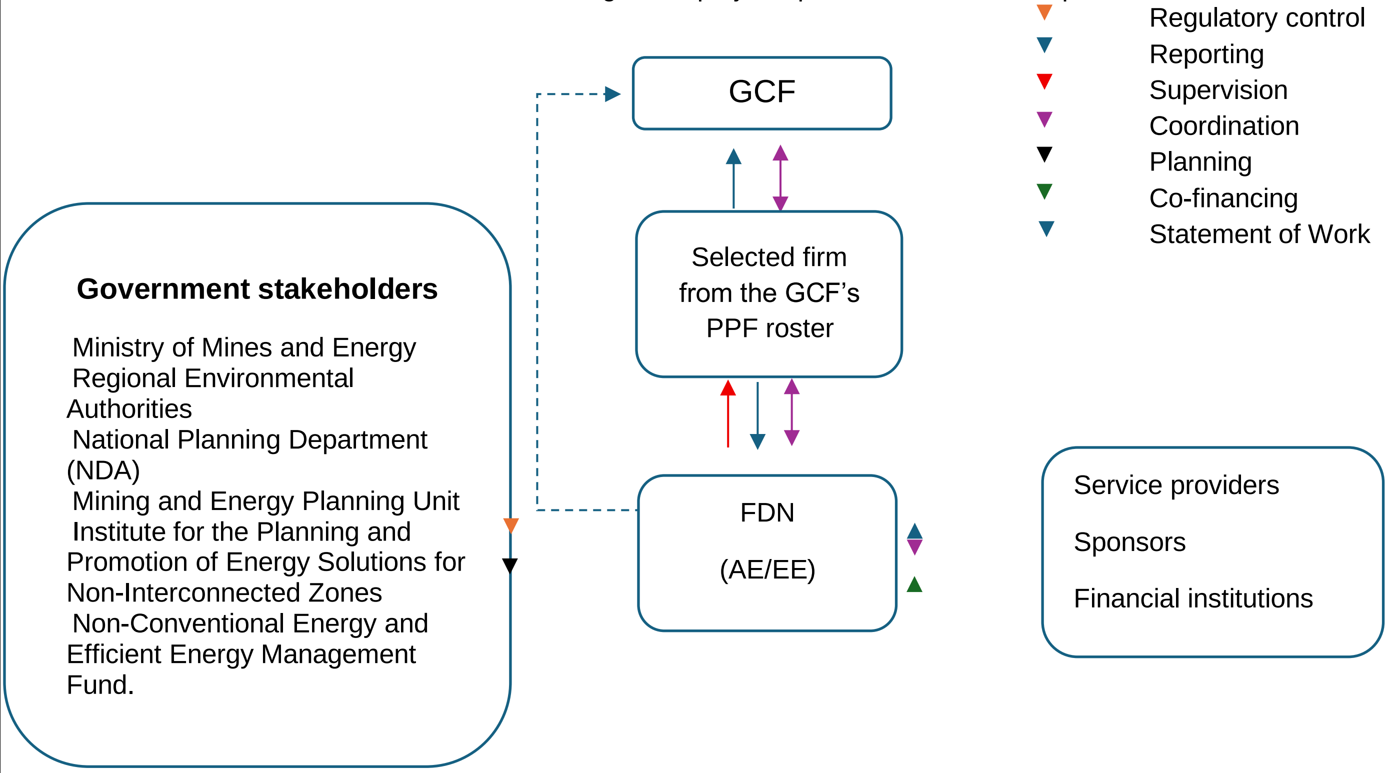
C. Implementation Arrangement, Risks & Mitigants

Please describe implementation arrangements for project preparation activities, including a diagram and narrative description of the roles and responsibilities of the entities involved (NDA, AE, executing entities, procured parties, sub-grantees, as applicable), legal relationships between entities, flow of funds (not applicable to PPF Service), steering committees, and AE staff and consultant contribution arrangements. If seeking PPF Funding with procurement of international or local consultants by the AE, please provide the AE's procurement plan. Also identify any risks and mitigants to implementation.

GCF will lead the selection process of one of GCF's PPF roster firms for implementing the PPF activities and ensuring a high-quality Funding Proposal aligned with the GCF standards, FDN will be available for the technical evaluation of the bids received from the roster of firms that respond to the minitender. FDN will remain fully accountable to GCF for the oversight and execution of all PPF activities as well as quality assurance of full funding proposal package and submission of the FP and will provide regular feedback to GCF on the quality of the project preparation implementation from the selected firms and if the deliverables agreed in the contract between the GCF and firm are acceptable to FDN and the NDA.

FDN will work in close collaboration with consulting firms, project sponsors, and relevant public institutions.



To guarantee that the project aligns with Colombia's national development priorities and regulatory frameworks, FDN will coordinate closely with key government stakeholders, including the Ministry of Mines and Energy, Regional Environmental Authorities, and the National Planning Department (NDA). Other relevant supporting stakeholders that will be consulted and involved in the FP preparation include the Non-Conventional Energy and Efficient Energy Management Fund (FENOGE), as co-founding partner and the Mining and Energy Planning Unit (UPME) and Institute for the Planning and Promotion of Energy Solutions for Non-Interconnected Zones (IPSE) in the planning of the projects. Moreover, regulatory and industry associations such us CREG, UPME, ANLA, SER Colombia or ACOSOL. This inclusive and continuous engagement will help ensure that the Funding Proposal reflects national priorities and benefits from institutional support.

Roles and Responsibilities

- **Green Climate Fund (GCF):** Will lead the procurement, contracting, and oversight of the PPF roster firm through its mini-tender process, ensuring that the selected firm delivers the required studies and complies with all PPF contractual obligations.
- **FDN (PSAA AE/EE):** Overall project management, accountable for the supervision and coordination of all PPF activities, providing technical oversight, leading quality assurance of deliverables, preparing AE-led Funding Proposal annexes, and ensuring that all project preparation work adheres to GCF fiduciary, ESS, gender, and Indigenous Peoples requirements.
- **NDA (National Planning Department):** Will ensure alignment of the PPF and subsequent FP with national priorities, provide policy guidance, facilitate inter-agency coordination, and review and endorse key milestones throughout the preparation process.
- **Government stakeholders (MinMinas, UPME, IPSE, FENOGE):** Provide technical data, support in project planning, co-founding, regulatory input, and policy support, including potential updates to subsidy and tariff frameworks relevant to ZNI electrification.
- **Consulting firms from GCF's PPF roster:** Contracted by GCF will be responsible for conducting all technical, environmental and social, gender, financial, climate risk, and regulatory analyses required for the FP, delivering comprehensive studies and annexes in close coordination with FDN, the NDA, and sector institutions.
- **Steering Committee (FDN-led):** Annually oversight group comprising FDN, NDA, MinMinas, IPSE, and UPME representatives to validate progress, review deliverables, and ensure alignment with national priorities and CN components.

Risk Identification and Mitigation

Risk Category	Potential Risk	Mitigation Measures
Institutional Coordination	Misalignment or delays in communication between FDN, NDA, and the PPF Service firm could affect scope or quality of deliverables	Establish a Steering Committee; assign focal points; hold regular progress calls and joint review of draft outputs.
Logistical	Difficulty accessing reliable technical, financial, or socio-economic data from ZNI areas within the preparation period.	Secure early data-sharing agreements with IPSE, FENOGE, MinMinas; complement with targeted site reconnaissance and secondary data sources.
Stakeholder Engagement	Limited participation of local stakeholders in remote ZNI territories due to logistical or security constraints	Use local facilitators/partners; combine in-person with virtual consultations; schedule activities early to avoid delays.
Gender and SEAH Integration	Risk that preparatory studies may not fully integrate gender and SEAH requirements in line with GCF policies.	Include a gender/SEAH expert in the team; apply GCF templates (GAAP, SEAH screening); ensure sex-disaggregated data collection
Procurement and Timelines	Delays in mobilizing the PPF Service firm or experts could affect	Early coordination with GCF on procurement schedule; inception

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	timely submission of the FP package.	meeting to confirm timelines; monitor progress with milestone tracking.
Quality Assurance	Inconsistent integration across technical, financial, legal, ESS, and gender workstreams could compromise the completeness of the FP package.	Develop a consolidated work plan; cross-review deliverables; FDN to lead quality assurance with NDA input

The PPF studies will be executed over **6 months**, and there will be a buffer until **month 14** to allow comments from the Secretariat and ITAP to be properly addressed with the support of the service provider, with clear sequencing of studies (technical first, followed by E&S, then financial structuring) to ensure coherence. FDN's Project Lead, supported by a multidisciplinary team (Structured Finance, E&S, Legal), will oversee implementation and coordinate closely with government agencies and the NDA.

The final Funding Proposal, supported by **PPF service**, will be submitted to the GCF within two years of approval of this application, in accordance with GCF Board Decision B.13/21.

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D. Description of project preparation activities

Summary of activities and Outputs Please select *PPF activity* and add rows as needed. Submit detailed terms of reference outlining scope of work and deliverables as a separate annex. Please also complete the "PPF Application and Deliverables Completeness Self-Check" and include it with your application.		**Implementation Period** Please shade the expected duration, up to 24 months. Indicate completion target with an 'X'.																							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Activity 1 **Feasibility studies**	This activity will generate the technical, geotechnical, operational, and market foundations required for structuring decentralized solar energy investments under Typology 1 (diesel–solar replacement systems with BESS) and Typology 2 (stand-alone household solar systems). It will establish robust baselines for ZNI territories, define engineering parameters, assess logistical and climate constraints, validate the project pipeline, and estimate preliminary capital and operational costs. These studies will ensure that all subprojects meet GCF technical quality requirements and provide the necessary inputs to the economic, financial, regulatory, and safeguards workstreams. **Deliverables:**				X																				

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D. Description of project preparation activities

	• Feasibility studies with technical designs and specifications. • Logistical and procurement assessments for remote ZNI sites. • Market assessment and benchmarking of comparable programmes. • Map of technology providers. • Project definition and pipeline validation, including: ○ Define clearly what constitutes a "project" under the programme (e.g., a single mini-grid, a cluster of household systems, or an aggregated bundle of assets under a specific SPV). ○ Validate and update the pipeline of potential projects, providing for each identified project: location, estimated capacity (MW), technology configuration, expected CAPEX, projected generation and demand, number of beneficiaries, estimated emission																								

D. Description of project preparation activities

	reductions, and current stage of development (e.g., pre-feasibility, feasibility). ○ Screen potential sites and estimate project envelopes for Typology 1 and Typology 2. ● Preliminary CAPEX/OPEX models, lifetime cost estimates, and technical assumptions to inform the financial model ● Datasets and technical assumptions for integration into financial modelling and FP annexes. ● Develop revenue models for the T1 andT2 ● Typology-specific revenue model inputs notes, including Project Sponsor identification (public vs. private entity) and an assessment of potential appetite in coordination with Activity 3. Deliverables as GCF FP package: Annex 2, Annex 5, Annex 10																								
Activity 2 **Identification of project-**	This activity involves defining the programme's results framework by identifying project-level indicators that are aligned with the GCF Investment						X																		

D. Description of project preparation activities																									
level indicators	Results Management Framework (IRMF), national policies, and SDGs, and establishing baseline data and methodologies to track technical, financial, gender, and socio-economic results to ensure effective monitoring, reporting, and adaptive management. **Deliverables:** ● Monitoring and Evaluation (M&E) framework with programme- and project-level indicators linked to GCF level outcome and impact indicators. ● Baseline data collection and methodologies for tracking technical, financial, gender, and socio-economic results. ● Draft logframe/results matrix consistent with the GCF IRMF Deliverables as GCF FP package: Annex 11																								
Activity 3 . Economic and Financial Studies and Structuring	This activity involves providing advisory services to assess the financial viability of the proposed programme, design a bankable blended finance structure, and define a detailed on-lending arrangement specifying interest rate margins, grace periods, tenor, security arrangements, and credit risk allocation among FDN, GCF, and co-financiers—including guarantees, reserves, and risk-sharing						X																		

D. Description of project preparation activities																									
	mechanisms—while demonstrating how GCF concessionality is transmitted to end beneficiaries, alongside preparing economic and financial analyses, programme financial model, detailed budget plan, and recommendations for blended finance structuring to ensure the programme's financial sustainability and alignment with GCF's mandate. These studies will specifically determine how the revenues and models differ by typology (T1 vs T2), the flow of financial resources (who pays whom for what), and the arrangements that shall regulate the intaking and off taking of inputs and outputs. What will emerge clearly from activity 3 is how the revenue model justifies the need for GCF concessional finance and how GCF concessionally is expected to de-risk the investment and crowd-in private sector. **Deliverables:** ● Dual-layer financial models: SPV-level and end-beneficiary-level financial models in fully functional .xls format. • Concessionality Transmission and Beneficiary Impact Note																								

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D. Description of project preparation activities

	Demonstrating: How concessional terms are passed from GCF → FDN (→ SPV)→ end-users ● Revenue Model Description Note covering: Revenue sources by typology (T1/T2); Ultimate payers (users, public entities, subsidy schemes); and Contractual basis and enforceability of cash flows. ● Revenue Sustainability Analysis Report. ● Economic and financial analysis report including CAPEX/OPEX, cost–benefit assessment, scenario testing, in .docx and xls format. ● Recommendations for blended finance structuring, risk allocation, co-financing arrangements, and detailed on-lending structure, explaining EFA assumptions and methodologies. ● Draft term sheet outlining the proposed financial structure/Instruments and conditions Deliverable as GCF FP package: Annex 3 , Annex 4, term sheet.																								

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D. Description of project preparation activities

Activity 4 **Environmental and social studies and management plans**	This activity involves conducting environmental and social studies and preparing management plans to ensure compliance with GCF Environmental and Social Safeguards, Colombian regulations, with a focus on inclusive stakeholder consultation, Free, Prior and Informed Consent (FPIC), and integrating considerations for Indigenous Peoples, resettlement, livelihoods, biodiversity, and health & safety. **Deliverables:** • Environmental and Social Impact Assessment(s) (ESIA) and Environmental and Social Management Plan(s) (ESMP) • Environmental and Social Action Plan (ESAP) • Additional safeguard plans (resettlement, biodiversity, livelihood restoration, health and safety) • Grievance Redress Mechanism (GRM) aligned with GCF and Colombian standards Deliverable as GCF FP package: Annex 6						**X**																		

D. Description of project preparation activities																									
Activity 5 **Stakeholder engagement plan**	This activity involves developing a comprehensive Stakeholder Engagement Plan (SEP)to ensure that the project recognizes and incorporates the needs, priorities, and limitations of key stakeholders, including local communities, women, vulnerable and marginalized groups, and Indigenous Peoples, in project design, implementation, and monitoring, while validating proposed technologies and practices, conducting due diligence in line with the GCF Indigenous Peoples Policy, and establishing inclusive communication mechanisms and a grievance resolution system, based on stakeholder analysis, virtual exchanges, mission meetings, field visits, workshops, and consultations, to enhance the relevance, acceptance, and climate resilience outcomes of the programme. **Deliverables:** ● Indigenous Peoples Planning Framework (IPPF) and/or Indigenous Peoples Plans (IPPs) with documented FPIC processes ● Stakeholder Engagement Plan (SEP) with consultation summaries and communication strategy						**X**																		

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D. Description of project preparation activities

	Deliverable as GCF FP package: Annex 7																								
Activity 6 Gender and Social Inclusion Analysis and Studies	This activity involves integrating gender-responsive and socially inclusive approaches into the programme's design, implementation, and monitoring by conducting a comprehensive gender and social inclusion analysis, developing a Gender Assessment and Gender Action Plan (GAP), establishing gender-sensitive monitoring indicators, and incorporating Safeguarding measures for Sexual Exploitation, Abuse, and Harassment (SEAH) to ensure equitable participation, benefits, and protection of women, vulnerable, and marginalized groups throughout the programme.						**X**																		

D. Description of project preparation activities

	Deliverables: ● Gender Assessment report for the programme and intervention areas. ● Programme-level Gender Action Plan (GAP/GA) aligned with GCF and Colombian gender requirements, including performance indicators, targets, and budget allocation. ● Gender-sensitive monitoring indicators integrated into the M&E framework. ● SEAH risk assessment and safeguarding measures, including survivor-centred grievance mechanism and referral pathways. Deliverable as GCF FP package: Annex 8																								
Activity 7 **Risk Assessments**	This activity involves identifying, assessing, and mitigating programme-level risks as outlined in the Concept Note, including financial, operational, environmental, social, and governance risks, and developing a comprehensive Risk Management Plan, while conducting a first-level Anti-Money Laundering/Counter Financing of Terrorism (AML/CFT) and Know Your Customer (KYC) assessment.						X																		

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D. Description of project preparation activities																									
	Deliverables • Programme-Level Risk Management Plan covering financial, operational, environmental, social, and governance risks. • AML/CFT and KYC assessment report with recommendations and clarification of responsibilities. • Integration of risk mitigation measures into relevant FP sections. Deliverable as GCF FP package: Annex 20																								
Activity 8 **Pre-contract services, including the revision of tender documents**	This activity involves providing legal and institutional due diligence, reviewing and updating tender documents, and proposing a governance and contractual structure for programme implementation, including legal risk mitigation measures, to ensure regulatory compliance, clarity of roles and responsibilities, and smooth execution of the programme. **Deliverables:** • Legal due diligence report and regulatory compliance matrix. • Governance and institutional arrangements for programme implementation.						X																		

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D. Description of project preparation activities

	• Legal action plan for risk mitigation, including dispute resolution measures. • Draft term sheet or outline of key contractual structures supporting programme delivery. Deliverable as GCF FP package: Annex 9																								
Activity 9 **Assessment of climate impact potential for mitigation and adaptation activities**	This activity involves assessing the programme's climate impact potential by calculating greenhouse gas (GHG) emissions reductions, preparing a comprehensive economic analysis (EA) including key indicators such as ENPV and EIRR that capture avoided diesel generation costs, GHG mitigation, and associated social and environmental co-benefits, and developing an audit methodology to systematically identify, measure, and verify mitigation and adaptation outcomes in line with GCF Economic and Financial Analysis (EFA) Guidance.						X																		

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D. Description of project preparation activities

	Deliverables: ● GHG calculation and estimation of emission reductions. ● Comprehensive economic analysis (ENPV, EIRR) capturing avoided diesel generation costs, GHG reductions, and social/environmental co-benefits. ● Methodology for monitoring, reporting, and auditing climate impact potential. Deliverable as GCF FP package: Annex 22																								
Activity 10 **Funding Proposal Package Preparation and Post-Submission Support**	This activity involves consolidating all preparatory work into a complete Funding Proposal (FP) package, including all required annexes, GHG baseline and mitigation assessment with MRV plan, operations and procurement manuals, and implementation timetable, and providing post-submission support to FDN during GCF Secretariat and ITAP review processes, ensuring that comments are addressed and integrated, while also preparing the draft Term Sheet to facilitate successful project appraisal and approval. **Outputs:**						**X**																		

D. Description of project preparation activities

	• Full Funding Proposal package with special focus on section B.4 on Implementation Arrangements and G.3 on Financial Management and procurement, including all required annexes. • Include an updated version of a Theory of change, which will clearly define the outcomes and outputs of the project to be part of the Funding Proposal Package. • GHG baseline and mitigation assessment with MRV plan. • Operations and procurement manuals, implementation timetable. • Support to FDN during GCF Secretariat and ITAP review, ensuring responses to comments are integrated. • Draft Term Sheet Deliverable as GCF FP package: All FP sections, Annex 15, Annex 14, Annex 16																								
Submission of funding proposal								X																	
Additional period for review by GCF Secretariat and Independent Technical Advisory Panel																X									

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E. Terms of Reference for Project Preparation Activities

Please provide detailed terms of reference for each project preparation activity, including expected scope of work, planned deliverables, no. of days per deliverable, technical qualifications of consultants of consultancy firms expected to undertake specific activities. A separate word file may be provided.

The activities and deliverables described in this section will form the basis of the Statement of Work (SOW) for the consultancy firm to be recruited under the GCF PPF Service modality. The selected firm will be responsible for preparing the full Funding Proposal package, including all required annexes, and providing technical support during the review process with the GCF Secretariat and ITAP.

The selection of the firm will be based on its demonstrated experience in preparing GCF Funding Proposals and related annexes, particularly in the renewable energy sector with a focus on decentralized solar PV, battery storage, and blended finance structures. The firm should show strong technical capacity to deliver high-quality studies and outputs aligned with GCF policies on investment criteria, economic and financial cost benefit analysis, environmental and social safeguards, gender, Indigenous Peoples, and SEAH. Proposals will be assessed on the quality of the proposed methodology and work plan, the relevance and complementarity of the proposed team, and the firm's ability to combine international expertise with knowledge of the Colombian context, including engagement with stakeholders in ZNI territories.

The detailed terms of reference can be found in Annex 1.

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F. Budget Summary (applicable to PPF Funding applications only)				
Outputs or Activities level budget summary Please fill out the detailed budget template and submit it along with this application. Add rows as needed.		**USD from GCF**	**USD from AE / co-finance**	**Total cost, USD**
Activity 1	N/A	N/A	N/A	N/A
Activity 2	N/A	N/A	N/A	N/A
Activity 3	N/A	N/A	N/A	N/A
Activity 4	N/A	N/A	N/A	N/A
Activity 5	N/A	N/A	N/A	N/A
Activity 6	N/A	N/A	N/A	N/A
Total activity-level costs		N/A	N/A	N/A
Additional costs and fees				
Contingency (up to 3% of total activity-level costs)		N/A	N/A	N/A
Project Management Cost (up to 7.5% of total cost + contingency)		N/A	N/A	N/A
Sub-total of project preparation costs		N/A	N/A	N/A
Accredited Entity Fee (up to 8.5% of sub-total)		N/A		
Total GCF PPF funding requested (sub-total + AE fee)		N/A		

G. Budget Summary (applicable to PPF Funding applications only)		
G.1 For AEs without framework readiness and preparatory support grant agreement with GCF		
For PPF Funding requests of 12 months or less	1st tranche	N/A
	Final tranche	N/A
	1st tranche	N/A

G. Budget Summary (applicable to PPF Funding applications only)		
G.1 For AEs without framework readiness and preparatory support grant agreement with GCF		
For PPF Funding requests of 12 months or more	2nd tranche	N/A
	Final tranche	N/A
G.2 For AEs with framework readiness and preparatory support grant agreement with GCF		
The following paragraph to be completed by the AE: *Disbursements will be made in accordance to [Clause xx] "Disbursement of Grants" and [Clause xx] "Use of Grant Proceeds by the Delivery Partner" of the Framework Readiness and Preparatory Support Grant Agreement entered into between GCF and [Financiera de Desarrollo Nacional] on [date].*		

H. Reporting Obligations & Acknowledgements by AE		
H.1	The AE will submit a Funding Proposal to the GCF that is supported by the PPF resources within 2 years of approval of this application, as per GCF Board Decision B.37/22.	☒ Agree
H.2	All outputs as approved in the PPF application together with a draft Funding Proposal should be provided no later than 24 months from approval of this PPF application. If PPF grant duration is over 12 months, an Interim Progress Report, and for all grants, a Completion Report, and Certified Financial Reports will be submitted by the AE. Templates can be found on the GCF PPF website.	☒ Agree
H.3	If requesting project preparation support via **PPF Funding**, the AE will be responsible for [and accountable to the GCF under terms of the Grant Agreement to be entered into between GCF and the AE in case of direct grants, or between United Nations Office of Project Services (UNOPS) and the AE in case of grants administered by UNOPS] the overall design, development, management, implementation and supervision of activities financed through the PPF. The AE will be responsible for determining that any sub-grantee(s) have the ability to successfully perform the activities under its overall guidance, management or supervision, according to the terms and conditions of the agreement between the GCF and the AE.	☐ Agree
H.4	If requesting project preparation support via PPF Service, the AE will be responsible for managing the independent consultancy firm selected to provide PPF Services; providing instructions to the independent consultancy firm selected to provide PPF Services; and the quality control of the final products of the independent consulting firm. The AE shall provide to the GCF written confirmation that the deliverables by the PPF Services firm are satisfactory and meet the requirements of the AE within thirty [30] days from the date of completion of services by the consultancy firm. The GCF shall have no liability for the performance or quality of the services provided by the independent consultancy firm. To the maximum extent permitted by law, the AE agrees to release the GCF, and its employees, agents and representatives from any and all liability related to damage, loss, cost, expense incurred or injury suffered by the AE or any other party as a result of the project preparation services.	☒ Agree

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