



TIERRAS DE MONTAÑA

Territorial Architecture for Climate Infrastructure and Circular Ecosystems

Executive Summary 2026

Designing Territorial Platforms for Climate, Biodiversity and Rural Transition

Bogotá, Colombia

EXECUTIVE SUMMARY

Tierras de Montaña is a territorial structuring platform dedicated to transforming underutilized biomass into environmental, economic and industrial value through climate infrastructure, regenerative agriculture and circular ecosystem development.

We do not develop isolated projects.

We design and connect territorial ecosystems capable of integrating producers, technology providers, industry, climate finance, public institutions and environmental objectives within scalable implementation frameworks.

Our approach is based on a simple conviction:

The climate transition will not emerge from disconnected initiatives. It requires territorial architectures capable of generating measurable impact, economic resilience and long-term value creation.

Today, Tierras de Montaña operates at the intersection of five strategic domains:

- Regenerative Agriculture
- Climate Infrastructure
- Circular Bioeconomy
- Biodiversity Restoration
- High-Integrity Carbon Removal

Through this integrated approach, agricultural residues become climate assets, degraded soils become productive landscapes, and rural territories become active participants in the emerging low-carbon economy.

WHO WE ARE

Tierras de Montaña acts as a Territorial Architect.

We are not an equipment manufacturer, industrial operator or conventional project developer.

Our role is to structure, align and accelerate territorial ecosystems capable of generating environmental, productive and industrial value.

We connect:

- Rural producers
- Technology providers
- Industrial partners
- Public institutions
- Climate finance organizations
- Carbon market stakeholders

By creating alignment between these actors, we help reduce technical, operational and institutional barriers while accelerating implementation.

We believe that effective climate infrastructure must be:

- Territorial
 - Productive
 - Measurable
 - Replicable
 - Financially viable
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OUR VISION

We see rural territories as strategic platforms for climate action, biodiversity restoration and industrial transformation.

Agricultural biomass, soil regeneration, biodiversity, renewable energy and carbon removal should not be treated as isolated sectors.



They are interconnected components of a single territorial system.

Our objective is to accelerate integrated ecosystems capable of delivering:

- Climate mitigation
- Productive resilience
- Biodiversity enhancement
- Energy transition
- Long-term territorial competitiveness

Latin America possesses exceptional territorial assets.

The challenge is no longer identifying opportunities.

The challenge is creating the infrastructure capable of unlocking them.

OUR MODEL

Tierras de Montaña develops territorial architectures based on four interconnected pillars.

Biomass & Territorial Resources

Identification, aggregation and valorization of agricultural and forestry biomass capable of supporting long-term circular economy models.

Climate & Energy Infrastructure

Integration of technologies that transform biomass into biochar, renewable energy and other climate-positive products.

Carbon & MRV Systems

Development of monitoring, reporting and verification frameworks that ensure transparency, traceability and environmental integrity.

Industrial Markets & Value Chains

Connection of territorial production systems with regional and international markets seeking low-carbon materials, climate solutions and sustainable sourcing pathways.

Together, these pillars create territorial ecosystems that simultaneously generate environmental, economic and industrial value.



CCCP – CIRCULAR CARBON PLATFORM

CCCP (Circular Carbon Platform) is the first territorial platform structured by Tierras de Montaña.

It combines:

- Agricultural biomass
- Biochar
- Regenerative agriculture
- Carbon removal
- Rural energy systems
- Circular industrial integration

The platform demonstrates how rural territories can generate measurable climate benefits while strengthening local productive economies.

CCCP is not designed as a single project.

It is conceived as a replicable territorial framework capable of deployment across multiple municipalities, agricultural landscapes and productive sectors.

The first implementation focus is Planadas, Tolima, one of Colombia's most important coffee-producing territories.

BIODIVERSITY & TERRITORIAL RESTORATION

Biodiversity is not an ancillary component of our model.

It is a structural pillar.

Tierras de Montaña promotes productive restoration approaches that combine agricultural productivity, ecosystem resilience and landscape connectivity.

Future CCCP deployments may incorporate:

- Ecological corridor identification
- Biodiversity monitoring protocols
- Camera trap methodologies
- Soil biodiversity assessments
- Landscape restoration indicators



These tools support measurable environmental outcomes while strengthening territorial planning and ecosystem resilience.

CLIMATE INFRASTRUCTURE

Infrastructure is the foundation of long-term climate impact.

CCCP transforms territorial resources into durable climate assets through systems supporting:

- Biomass valorization
- Biochar production
- Soil regeneration
- Renewable energy integration
- Carbon monitoring and traceability

Rather than focusing exclusively on carbon credits, the platform creates productive infrastructure capable of generating recurring environmental and economic benefits.

Climate objectives become permanent territorial capabilities.

HIGH-INTEGRITY CARBON

Carbon removal within CCCP is built on permanence, transparency and measurable performance.

Biochar represents one of the most promising pathways for durable carbon removal, providing long-term carbon storage while improving soil quality and agricultural productivity.

The platform integrates:

- Monitoring
- Reporting
- Verification (MRV)
- Traceability systems
- Carbon accounting methodologies

Carbon is not the purpose of the platform.

Carbon is the consequence of a well-designed territorial ecosystem.



STRATEGIC PARTNERSHIPS

Tierras de Montaña operates through an open collaboration model.

We believe systemic transformation requires cooperation across territories, institutions, technologies and industries.

Our role is to align opportunities, resources and implementation partners capable of delivering scalable impact.

GREENCHAR CLIMATE SOLUTIONS

Greenchar Climate Solutions acts as a strategic international partner supporting the development of biochar and carbon removal opportunities associated with CCCP.

Areas of collaboration include:

- Biochar production systems
- Carbon revenue structuring
- MRV frameworks
- Certification pathways
- Carbon market integration

This partnership strengthens the technical and international dimensions of the platform while preserving an open and non-exclusive collaboration model.

WHY NOW

Several global trends are converging simultaneously:

- Climate commitments
- Scope 3 decarbonization pressures
- Regenerative agriculture
- Carbon markets
- Biodiversity restoration
- Rural economic transition

Together, these dynamics create a historic opportunity for Latin America.



Rural territories can become climate infrastructure platforms capable of generating environmental and economic value simultaneously.

FIRST TERRITORIAL DEPLOYMENT

CCCP – PLANADAS, TOLIMA

Indicative Territorial Metrics

- 8,000–12,000 t/year biomass available
- 4,000–6,000 tCO₂e removal potential
- Coffee-producing territory
- Planadas, Tolima
- Replicable municipal model
- Biodiversity monitoring framework under development

Strategic Components

- Agricultural biomass valorization
- Biochar production
- Regenerative agriculture
- Biodiversity monitoring
- Carbon removal methodologies
- Rural energy integration

Territorial Vision

The objective is not to create a single project.

The objective is to validate a replicable territorial platform capable of supporting implementation across multiple municipalities throughout Colombia and Latin America.



LET'S BUILD TOGETHER

Tierras de Montaña seeks strategic partners committed to accelerating climate infrastructure, regenerative agriculture and biodiversity restoration across Latin America.

For Public Institutions

Explore pathways for territorial restoration, rural development and climate action.

For Industry

Assess opportunities related to biomass valorization, low-carbon materials and circular production systems.

For Investors & Climate Finance

Evaluate scalable territorial infrastructure capable of combining climate impact with long-term productive value creation.

For Technology Providers

Join an open architecture ecosystem designed to accelerate deployment and replication.

Available Engagement Formats

- ✓ Executive Briefing
 - ✓ Technical Workshop
 - ✓ Territorial Assessment
 - ✓ Due Diligence Process
 - ✓ Pilot Structuring
 - ✓ Strategic Partnership Exploration
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CONTACT

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We are not seeking isolated projects.

We are building the territorial infrastructure required for the next generation of climate, biodiversity and circular economy solutions.

Let's explore where our missions intersect.



CCCP INDICATIVE TERRITORIAL METRICS

Preliminary metrics for the first territorial deployment in Planadas, Tolima.
Figures are indicative and will be refined during detailed technical assessments.



**8,000–12,000
t/year**

biomass available
from agricultural residues
and pruning



**4,000–6,000
tCO₂e**

removal potential per year
through biochar production
and soil application



**Coffee-producing
territory**

Strong agricultural base,
experienced producers and
established value chains



Planadas, Tolima

Strategic location in one of
Colombia's most important
coffee regions



**Replicable
municipal model**

Designed to be adapted and
deployed across multiple
municipalities and landscapes



**Biodiversity monitoring
framework**

Under development, including
ecological corridors, camera traps,
soil biodiversity and indicators



These metrics will be validated and refined through technical studies,
community engagement and continuous monitoring.

