

BioChar+™

Waste to Value-Add & Wonderfulness

A Concessional | Catalytic Funding Opportunity

Prepared by Regensa Impact / Five Leaf Management

April 2026

Seeking: USD 1.5–3 Million in Initial Concessional & Catalytic Capital



The USD 310 Billion Opportunity Is Locked.

Catalytic Capital Holds the Key.

- ▶ BCG estimates USD 310 billion in commercial investment opportunity across regenerative landscapes — inaccessible without early-stage, risk-tolerant proof capital.
- ▶ Regenerative agriculture attracted USD 1.56 billion in equity funding 2022–2025, but mostly to late-stage, de-risked ventures.
- ▶ Global biochar market projected to reach USD 1.6 billion by 2030–2035; granular segment growing at 17.0% CAGR (Grand View Research, 2024).
- ▶ Biochar carbon credits trade at USD 150–164/tonne CO₂e — validating the revenue model (S&P Global / Sylvera, 2025–2026).
- ▶ The Gap: No standardized integration blueprints exist to deploy biochar at scale. That is what BioChar+™ is building.

Biochar Is Scientifically Proven —

But Commercially Stranded at T/ORL-1.

- ▶ Biochar's carbon sequestration and soil health benefits are well-documented — recognized by the IPCC.
- ▶ Pyrolysis locks carbon into a stable form resisting decomposition for centuries.
- ▶ Internal surface area of 300–500 m²/g makes biochar an exceptional carrier for nutrients, microbes, and functional additives.
- ▶ The science is validated. The integration is not.
- ▶ Operators lack empirical proof and replicable blueprints — the gap that concessional, catalytic, and philanthropic-impact capital is designed to fill.

"Our Engine on Your Chassis"

Regenerative Intelligence Inside

OPERATOR PROVIDES THE CHASSIS

Existing plant, labor, feedstock, and customers.
Established market position and infrastructure.
Operational expertise and local networks.

BioChar+™ PROVIDES THE ENGINE

Proprietary charging and infusion protocols.
MRV framework and carbon credit access.
Capital structuring tools and revenue-share models.
"Intel Inside" co-branding for premium positioning.

Four Product Lines from a Single Platform.

1. Soil Amendment & Organic Fertilizer Prills

Carbon-rich granules.
Granular biochar market projected at USD 2.10 billion by 2030.

2. Environmental Filtration Media

Stormwater bioretention.
Replaces coal-based GAC in tertiary water treatment.

3. Animal Feed Supplement

Improves growth performance and reduces methane emissions.

4. Built Environment Materials (Phase 3)

Biochar in cement and construction composites.

The Package of Rights —

Proprietary, Licensable, Scalable.

- ▶ Biochar charging and infusion process protocols (trade secrets / patents).
- ▶ Formulation blueprints for soil, filtration, feed, and construction product lines.
- ▶ Equipment relationships with pyrolysis unit manufacturers and granulation specialists.
- ▶ Digital MRV framework for carbon-credit certification (Puro.earth, Climate Action Reserve).
- ▶ Business and marketing systems — including "with BioChar+™ inside" co-branding.
- ▶ Capital structuring tools: layered finance models and revenue-share frameworks.

Target Partners Are Everywhere.

And They Need This Now.

- ▶ Composters and organic waste processors
- ▶ Dairy farms and livestock integrators
- ▶ Anaerobic digestion and biogas plants
- ▶ Stormwater and environmental services firms
- ▶ Forestry, sawmill, and biomass energy operators
- ▶ Fertilizer blenders and ag-input distributors



Many of the best candidates are going concerns with strong operations but limited spare capital — making them ideal subjects for first-mover enablement funding.

Theory of Change —

From Catalytic Dollar to Systemic Impact

INPUTS	ACTIVITIES	OUTPUTS	OUTCOMES	IMPACT
<ul style="list-style-type: none"> • Catalytic capital (grants, junior loans, revenue-share) • BioChar+™ Package of Rights • Operator chassis (feedstock, infrastructure) 	<ul style="list-style-type: none"> • Proof-of-concept trials • Integration Playbook development • First-mover partner enablement 	<ul style="list-style-type: none"> • Validated data & product samples • Replicable pre-competitive blueprints • 1–2 lighthouse integrations 	<ul style="list-style-type: none"> • Carbon sequestered (IRIS PI9878) • Soil health improved (IRIS OI1047) • Water quality enhanced (IRIS OD4108) • Rural economic resilience 	<ul style="list-style-type: none"> • SDG 2 Zero Hunger • SDG 6 Clean Water • SDG 12 Responsible Production • SDG 13 Climate Action

Every catalytic dollar funds proof, patterns, and playbooks — reducing cost and risk for every subsequent integration.

The Three-Workstream Capital Blueprint.

WS 1

Technical Proof-of-Concept

30–40% / ~USD 450K–1.2M

2–3 university/research pilots: prill trials, filtration tests, field demonstrations.

Deliverable: Validated performance data and product samples.

WS 2

Integration Blueprint & MRV

20–30% / ~USD 300K–900K

Standardized Playbooks, digital MRV framework, licensing templates.

Deliverable: Replicable pre-competitive infrastructure.

WS 3

First-Mover Partner Enablement

30–50% / ~USD 450K–1.5M

Co-financed capex for 1–2 lighthouse integrations generating revenue and impact data.

Deliverable: A working integrated site generating products, carbon credits, and revenue.

Key Principle: Funding is staged and stakeholder-informed — proof builds credibility at each phase before the next commitment is made.

Phased Advance — Proof Before Scale.

Phase 1

Proof of Science

Months 1–18

University-led trials, equipment prototyping, field demonstrations.

Deliverable: Validated performance data and product samples.

Phase 2

Proof of Integration

Months 12–30

First-mover partner identified and enabled. Clip-on process installed and operating. Carbon credits certified.

Deliverable: A working integrated site generating products and revenue.

Phase 3

Platform Replication

Months 24–48+

Integration Playbook deployed with second and third partners. Licensing model refined.

Deliverable: A multi-site, multi-revenue-stream BioChar+™ network ready for commercial capital.

Carbon Credit Revenue Validates the Commercial Pathway.

USD 150—164

per tonne CO₂e

S&P Global / Sylvera, 2025–2026

- Puro.earth's Biochar Methodology Edition 2025 — rigorous, internationally recognized certification pathway.
- Climate Action Reserve — additional US-focused methodology.
- Biochar offers 100 years of carbon permanence — among the most durable removal methods available.
- Carbon credit revenue supplements product revenue, creating a stacked value proposition for operators.
- Revenue streams: licensing fees + product margins + carbon credits = commercial self-sufficiency.

Why This Story Compels Impact Funders.

A Rare Combination: Science, Story, and Stacked Value.

- ▶ A "waste to wonderfulness" narrative — waste streams transformed into soil health, clean water, carbon sequestration, and rural economic resilience.
- ▶ A defensible clip-on business model with documented analogues across composting, fertilizer, filtration, and ag-input sectors.
- ▶ Multiple impact verticals from a single platform — soil carbon, water quality, methane reduction, and the circular bionutrient economy.
- ▶ A credible path to commercial self-sufficiency through licensing fees, product margins, and carbon-credit revenue — not perpetual grant dependence.
- ▶ Pre-competitive infrastructure outcomes — every catalytic dollar funds proof, patterns, and playbooks that unlock a portfolio of regional integrations.

Funding Precedents Confirm Capital Is Available.

Established Capital Is Already Flowing. BioChar+™ Is Positioned to Access It.

SOURCE	TYPE	AMOUNT / TERMS
USDA NRCS Conservation Innovation Grant	Public	USD 4.5M awarded for biochar adoption trials across 34 farms in eight states.
Canada NRCan IFIT Program	Public	USD 7.5M per biochar production plant project.
Catalytic Climate Finance Facility (CPI / Convergence)	Philanthropic / Blended	Up to USD 500K + 12–18 months technical support per project.
BCG / Institutional Capital	Strategic Validation	5x leverage ratio confirmed for catalytic → commercial capital transition.

What Success Looks Like in 3–5 Years.

- ▶ Demonstrated BioChar+™ performance in at least two application domains (e.g., fertilizer prills and filtration media) with peer-reviewed or third-party-validated data.
- ▶ Produced a robust Integration Playbook used by multiple operators across different geographies.
- ▶ Enabled 1–2 reference integrations generating verifiable impact metrics and initial revenue, serving as tangible proof points.
- ▶ Positioned BioChar+™ as a credible, investable platform for larger pools of green infrastructure finance, carbon-credit-backed project finance, and strategic capital.

Join Us in Building Pre-Competitive Infrastructure for Regeneration.

"We are not asking you to finance a single plant. We are asking you to stand up the proof, patterns, and playbooks that unlock a portfolio of integrations."

We are seeking: USD 1.5–3 million in initial concessional and catalytic capital.

- ▶ Recoverable grants
- ▶ Junior loans or revenue-share capital subordinated to commercial lenders
- ▶ Blended structures combining philanthropic and concessional tranches

This is not a request for perpetual subsidy. It is an investment in the pre-competitive infrastructure that will make regenerative biochar integration commercially viable and replicable.

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