

ZEDEC ALLIANCE CONFIDENTIAL

PACHAMA

THE BALANCE - Carbon & ESG Partnership

Attn: Scott Brunfield

Executive Summary

Pachama is invited to serve as the carbon credit and ESG compliance partner for the Pangea Alliance, ensuring that the GlyphMap device achieves carbon-negative status and provides verifiable environmental impact for every unit sold.

Your Role: You are THE BALANCE. Every GlyphMap device will be certified carbon-negative through Pachama-verified offsets. This is not greenwashing—it's a core product feature that differentiates us in the premium wellness market.

Why Pachama

- **AI-Verified Credits:** Satellite and ML verification of forest projects
- **High-Quality Offsets:** Premium credits for premium positioning
- **Transparency:** Blockchain-based verification aligns with Rootstock integration
- **Corporate Credibility:** Trusted by major enterprises for ESG compliance

Carbon Footprint Analysis

GlyphMap J.D.R. Carbon Footprint

Component	CO ₂ Equivalent
Raw Materials Extraction	15 kg CO ₂ e
Manufacturing (3D printing)	8 kg CO ₂ e
Logistics (global shipping)	5 kg CO ₂ e
Packaging	2 kg CO ₂ e
Total per Device	30 kg CO₂e

Carbon-Negative Commitment

Our Commitment: Offset 2× the carbon footprint per device

Device Footprint	30 kg CO ₂ e
Offset Multiple	2×
Offset per Device	60 kg CO₂e
Net Carbon Impact	-30 kg CO₂e

"Every GlyphMap sold makes the planet healthier."

Volume Projections

Year	Devices	Offsets Required	Credit Value
Year 1	5,000	300 tonnes CO ₂ e	\$9,000
Year 2	25,000	1,500 tonnes CO ₂ e	\$45,000
Year 3	100,000	6,000 tonnes CO ₂ e	\$180,000
Year 4	250,000	15,000 tonnes CO ₂ e	\$450,000
Year 5	500,000	30,000 tonnes CO ₂ e	\$900,000

Based on \$30/tonne premium verified carbon credit pricing

Financial Terms

Partnership Structure

Credit Price (Bulk)	\$30/tonne
Per-Device Cost	\$1.80 (60kg offset)
5-Year Volume	52,800 tonnes CO ₂ e
5-Year Revenue	\$1,584,000

Additional Value

- **Co-Branding:** "Pachama Verified Carbon-Negative" badge on device packaging

- **User Dashboard:** Each device owner sees their personal carbon impact
- **Forest Selection:** Alliance-dedicated forest project (naming rights)
- **Annual Report:** Joint sustainability report for PR value

Integration with Rootstock

Carbon credits will be recorded on Rootstock blockchain alongside Proof of Healing certificates:

- Each device purchase triggers carbon credit retirement on-chain
- User receives NFT certificate of carbon-negative status
- Transparent, immutable record of environmental impact
- Potential for carbon credit trading in secondary market

Marketing Value

Benefit	Impact
ESG Compliance	Enterprise/government buyer requirement
Premium Positioning	Justifies \$2,500+ price point
Differentiation	No competitor offers carbon-negative devices
Press Coverage	"First carbon-negative communication device"

Next Steps

1. **Introduction Call:** Scott Brunfield + Michael Curzi
2. **LCA Review:** Validate carbon footprint calculations

3. Project Selection: Choose forest project for alliance

4. Partnership Agreement: Bulk credit purchase agreement

ZEDEC | Michael Laurence Curzi, Prime Principality

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"Every device sold heals the user AND the planet."