

# bio.analytics · Air & Environment

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## bio.analytics

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**Country:** ?? Colombia · Bogota **Category:** Air & Environment **CT Taxonomy:** CT-IC-001 — Satellite / Deforestation Monitoring **Impact Areas:** Nature-Based **Stage:** Launched **Team Size:** 5.0 **Website:** <https://bioanalytics.cc/> **Funded:** False

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## Elevator Pitch

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bio.analytics is a startup offering non-invasive biodiversity monitoring solutions through bioacoustics and environmental sensors. Using an automated AI analysis pipeline, we identify species and habitat dynamics to generate ecosystem health metrics.

## Climate Problem

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Humanity faces a global environmental and climate crisis. Ecosystems that sustain life are under threat, making biodiversity monitoring essential. Current biomonitoring methods are invasive and difficult to scale across time and geography.

## Solution

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bio.analytics provides public and private organizations with a modular bioacoustic monitoring platform that uses autonomous sensors, AI animal sound analysis, and interactive dashboards to deliver ecosystem health indicators at 5–10x lower cost.

## Revenue Model

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bio.analytics uses a two-phase "razors and blades" model: low-cost sensor deployment and baseline, followed by profitable annual subscriptions for AI-powered bioacoustic monitoring and ecosystem alerts in agriculture, real estate, and other sectors.

# Target Market

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Our market includes voluntary sectors such as biodiversity/carbon credits, sustainable real estate, and tourism, plus regulated sectors like oil and mining adapting to new non-invasive biodiversity compliance requirements.

# Social Impact

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Indigenous Peoples, Women

# Demand Evidence

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Demand comes from new regulations requiring non-invasive monitoring and from biodiversity/carbon projects needing affordable long-term solutions. Our technology has already been validated through contracts with NGOs and real estate developers.

# Competitors

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Latin American competitors offer limited automation, while global firms like Rainforest Connection, WildMon, and Okala face higher costs. bio.analytics is a world pioneer in the use of insect bioacoustics as a measurable indicator of ecosystem health.

# Founder Expertise

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Founder and CEO of bio-analytics with expertise in AI-based detection and automation, remote sensing, and ecological fieldwork. Published researcher, GIS and software developer. Secured competitive climate innovation funding and clients in our first year.

# External Support

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In our first year, bio.analytics was selected for the european-backed DGI Challenge and Bogota's 2600 accelerator, and invited to showcase at the NextGen Action Summit 2026, recognizing our potential as an emerging climate-tech and biodiversity startup.

# Team

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CPO/CMO (Sofía): soundscape ecology, product strategy & marketing. Biodiversity Analyst (Natalia): camera trapping & bat bioacoustics. GIS Analyst (Daniel): spatial analysis & satellite imagery. Admin Assistant (Patricia): contracts & client delivery.

# Founder

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Diego Alejandro Gomez Morales

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Revisión #2

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