

# ReLeaf

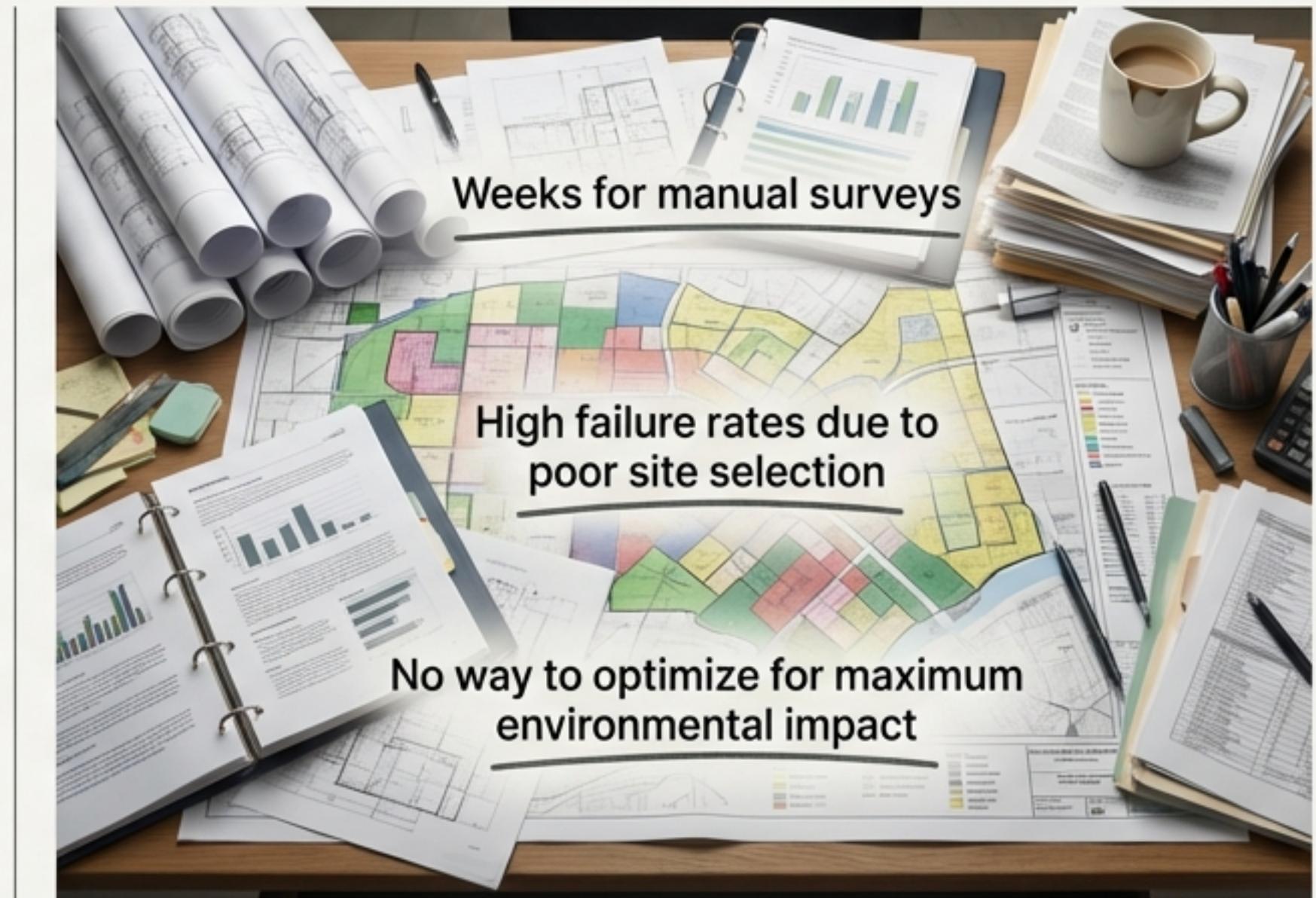
## ReLeaf: The AI-Powered OS for Urban Reforestation.

Turning weeks of guesswork into 35 seconds of data-driven action  
to cool our cities and build climate resilience.



# Our Cities Are in Crisis, and Manual Greening Can't Keep Up.

Cities are battling a triple threat of **extreme heat**, **increased flooding**, and **poor air quality**. Our primary defense, urban forestry, is stuck in the past—a process dominated by slow, expensive manual surveys that rely on intuition, not data, leading to high failure rates and suboptimal impact.



# ReLeaf: From Weeks of Manual Surveys to 35 Seconds of AI Analysis.



**We find the optimal place to plant every single tree, instantly.**



**AI Aerial Analysis:**  
Satellite-driven insights on vegetation, shade, and buildings.



**AI Ground Validation:**  
Street View assessment using a 14-point framework.



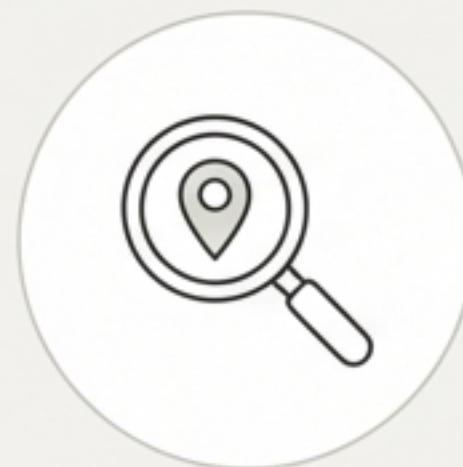
**Data-Driven Scoring:**  
A 100-point system to prioritize planting zones.



**Actionable Maps:**  
Automated 6-panel visualizations for immediate use.

# Our Automated 4-Step Pipeline Delivers Unprecedented Speed.

01



## Search

2s

User provides a location name (e.g., 'Menara LGB TTDI'). AI geocoding delivers precise GPS coordinates.

02



## Aerial Analysis

20s

Satellite imagery is processed for NDVI vegetation, shadow mapping, and building footprints. A 100-point priority score is assigned to potential zones.

03



## Ground Analysis

12s

Gemini AI validates feasibility using Street View imagery against a 14-field assessment (obstacles, existing trees, etc.).

04



## Recommendations

1s

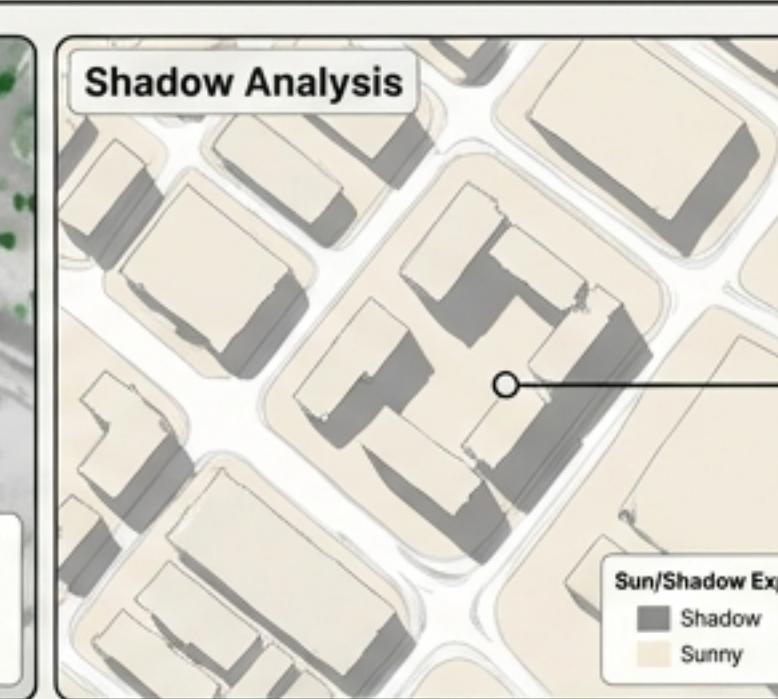
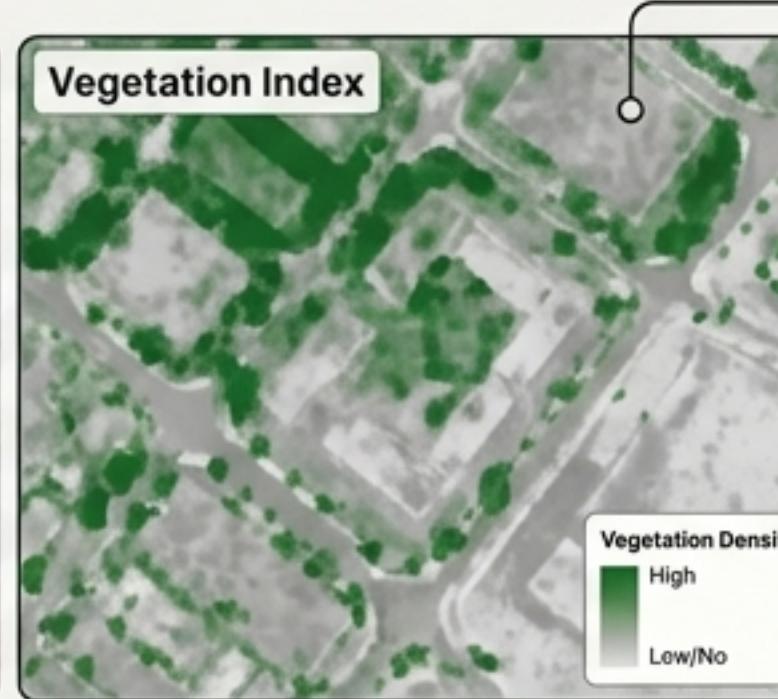
The system outputs optimal, climate-specific species from a local database and provides planting guidelines.

**Total Time:  
35 Seconds**

From inquiry to actionable plan.

# We Analyzed a Real-World Site. The Cost? Just \$0.0115.

This isn't theoretical. We targeted a commercial zone in Kuala Lumpur and, in 35 seconds, generated a complete, data-driven greening plan ready for execution.



Identified **5 Critical Priority Zones**  
(Scores 80-100/100)

Quantified a **65% vegetation deficit**

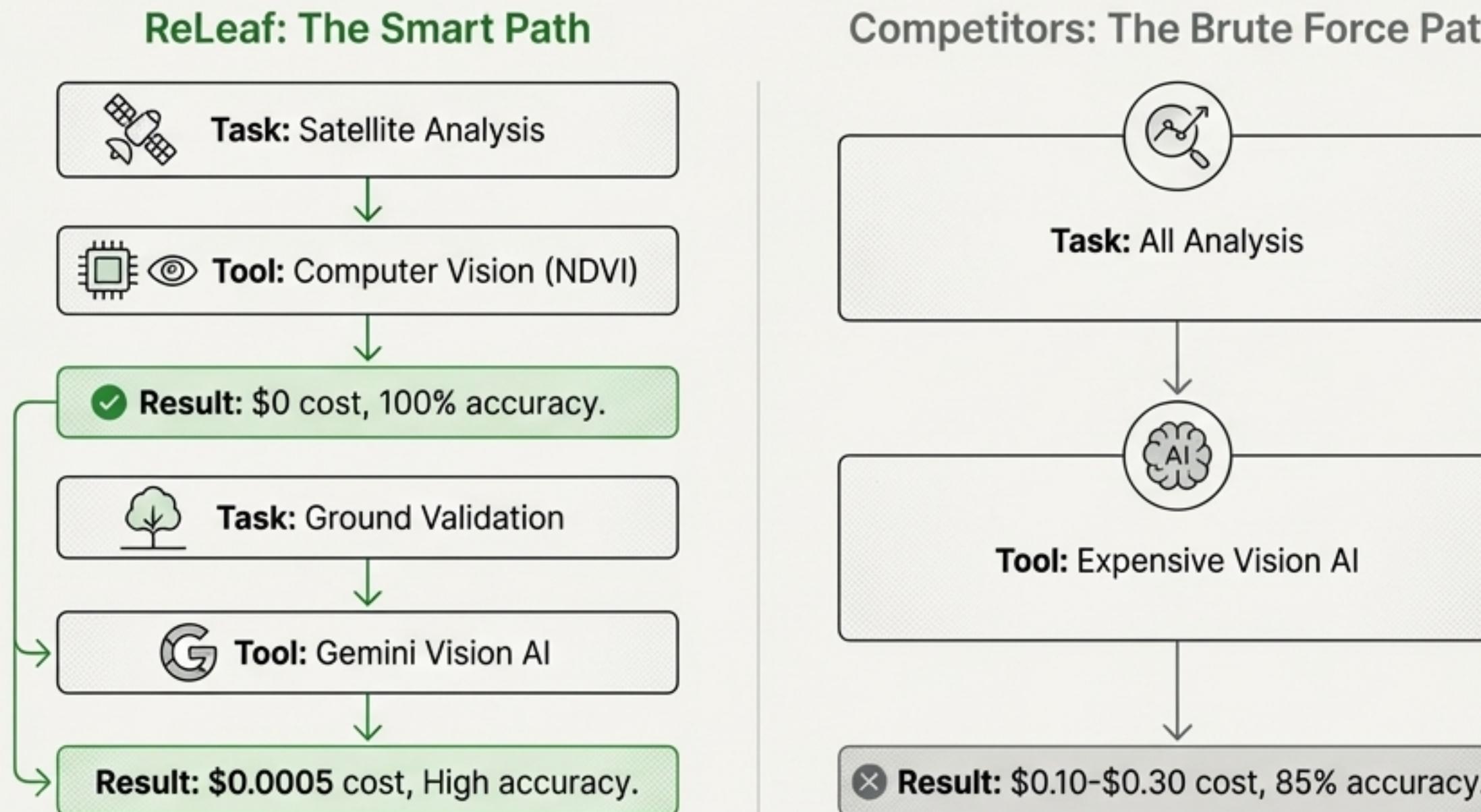
Detected **8 existing trees** via Street View

Mapped **245 m<sup>2</sup>** of new plantable area

Recommended **20+ new trees** with species selection

# Our Multi-AI Strategy is 14x Cheaper and More Accurate

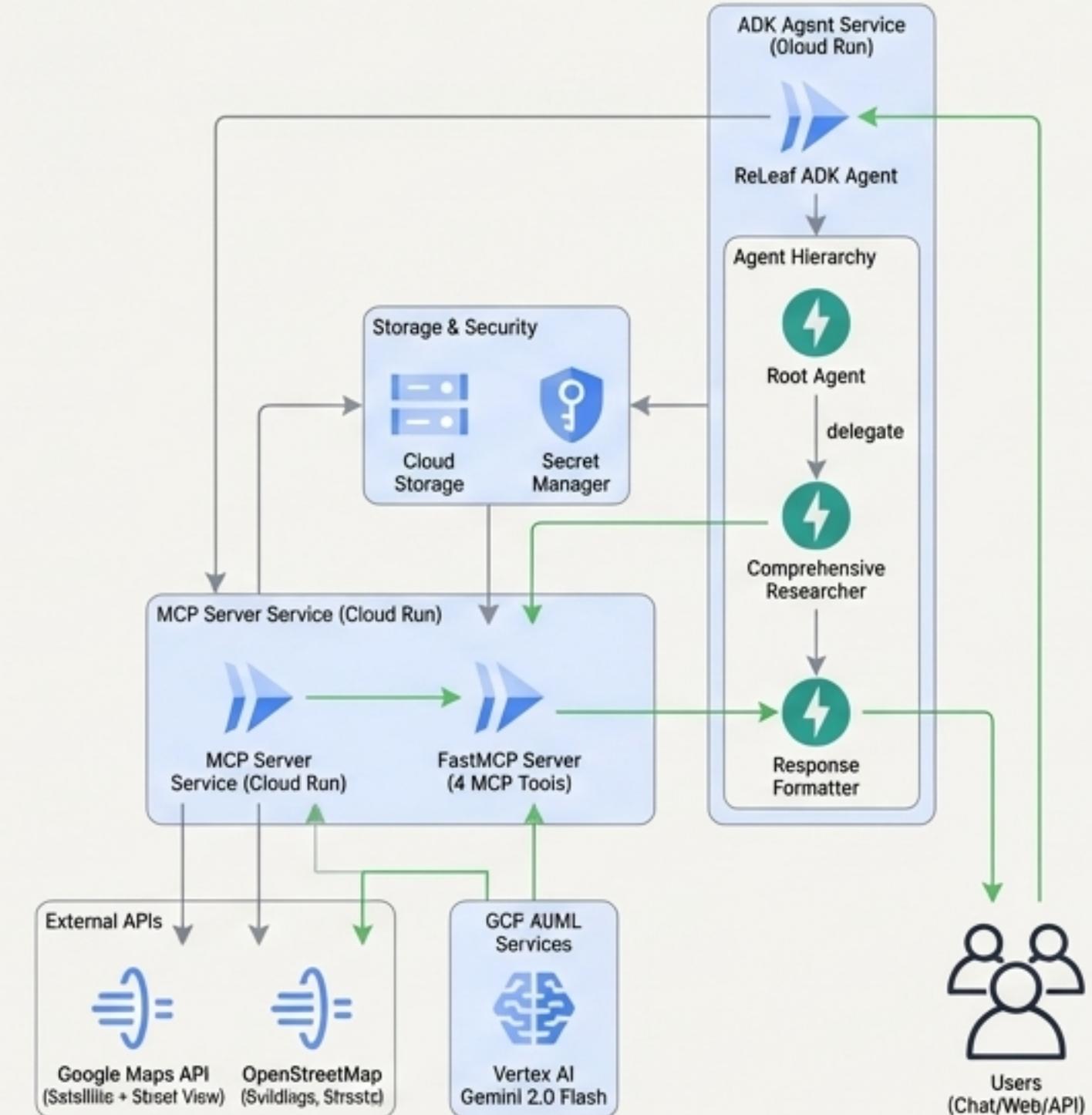
Competitors use expensive, all-purpose AI for everything. We use the *right* tool for each job—deterministic computer vision for simple tasks and generative AI for complex validation—creating a massive cost and accuracy advantage.



This combination makes our analysis **14x cheaper** than solutions that rely solely on generative AI.

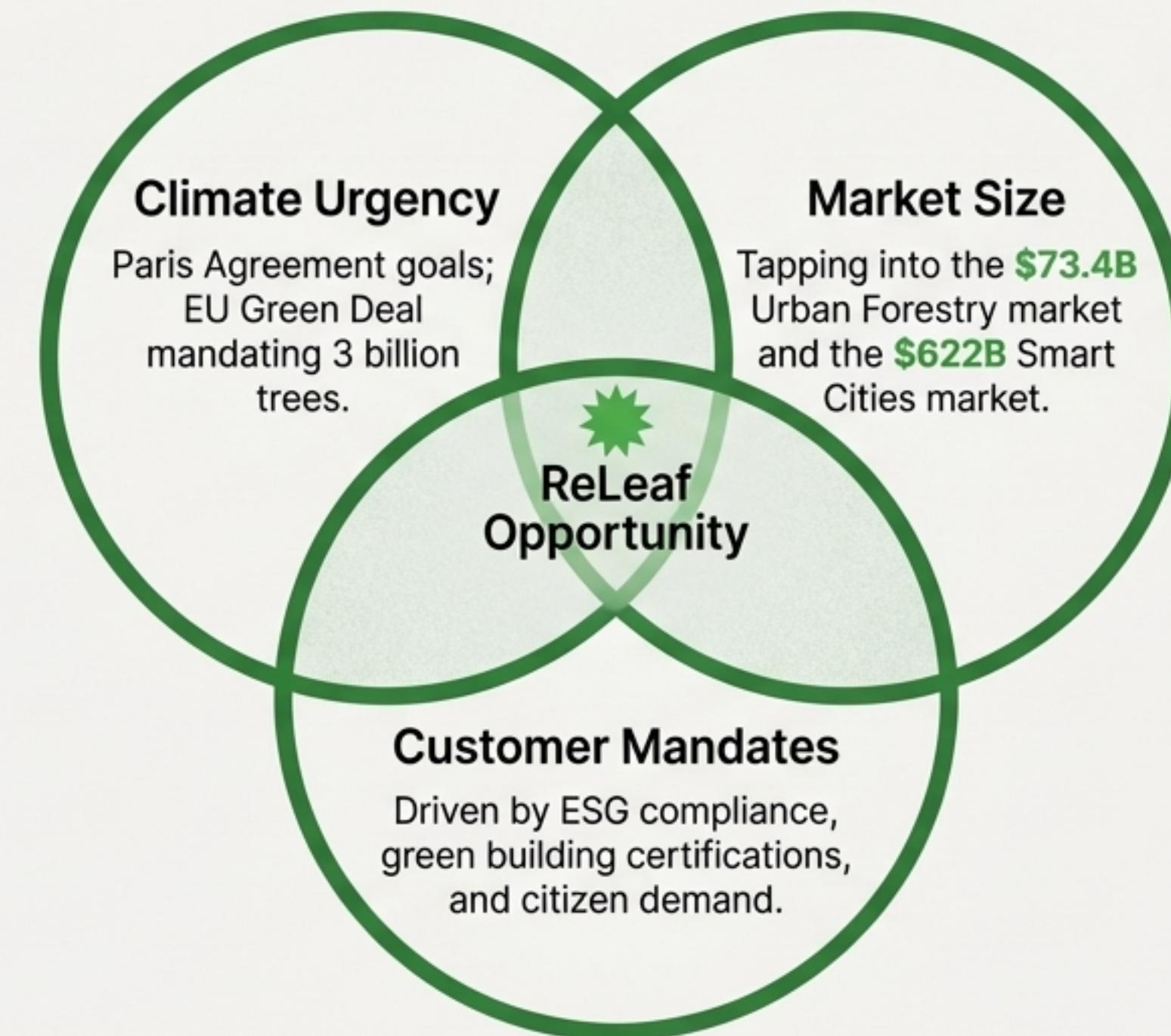
# Built for Scale and Trust on a Scientifically Valid Foundation.

-  **Scientific Validity:** We use the NASA-standard NDVI formula. Our algorithms are reproducible and auditable, not a “black box.”
-  **Blazing Speed:** 35 seconds per site vs. hours or days for alternatives.
-  **Massive Scalability:** Built on Google Cloud Run to handle 100+ concurrent requests effortlessly.
-  **Production-Ready:** Secure, compliant (GDPR, SOC 2 ready), and works out-of-the-box with no custom model training needed.



# A \$73B Market at a Climate Tipping Point.

We are perfectly positioned at the convergence of three massive trends: the global climate crisis, the maturity of AI technology, and the multi-billion dollar push for Smart Cities.



**Target Customers:** Municipal Governments, Urban Developers, Environmental Consultancies, NGOs.

# A Scalable SaaS Model with 90%+ Gross Margins.

Our low operational cost per analysis allows for a highly scalable and profitable business model with multiple recurring and high-value revenue streams.

## Pay-Per-Analysis

**\$5-10 / analysis**

Entry point for pilots

## Subscriptions

**\$500 - \$10,000 / month**

Core recurring revenue

## Government Contracts

**\$50k - \$500k / year**

High-value enterprise deals

## Data Licensing **(Future)**

Monetizing aggregated urban forestry data

## Gross Margin

**90%+**

(on subscriptions)

## Cost Reduction for Cities

**99.5%**

(vs. manual surveys)

# A Phased Go-To-Market Plan to Achieve Global Leadership



# The Right Combination of AI, Cloud, and Urban Planning Expertise

## Core Team Strengths

### Technical Leadership

Proven experts in AI/ML, Geospatial Analysis, and Google Cloud Platform (Vertex AI, Cloud Run).

### Domain Expertise

Background in environmental science, urban planning, and experience forging partnerships with municipal governments.

## Strategic Advisors & Partners



### Google for Startups

Providing cloud credits and deep technical support.



### OpenStreetMap

Our partner for essential geospatial data.



Malaysian Forestry Dept: Providing the critical tree species database.

# A Capital-Efficient Path to \$24M ARR by Year 3.



Profitable in Year 1  
**Profitable**

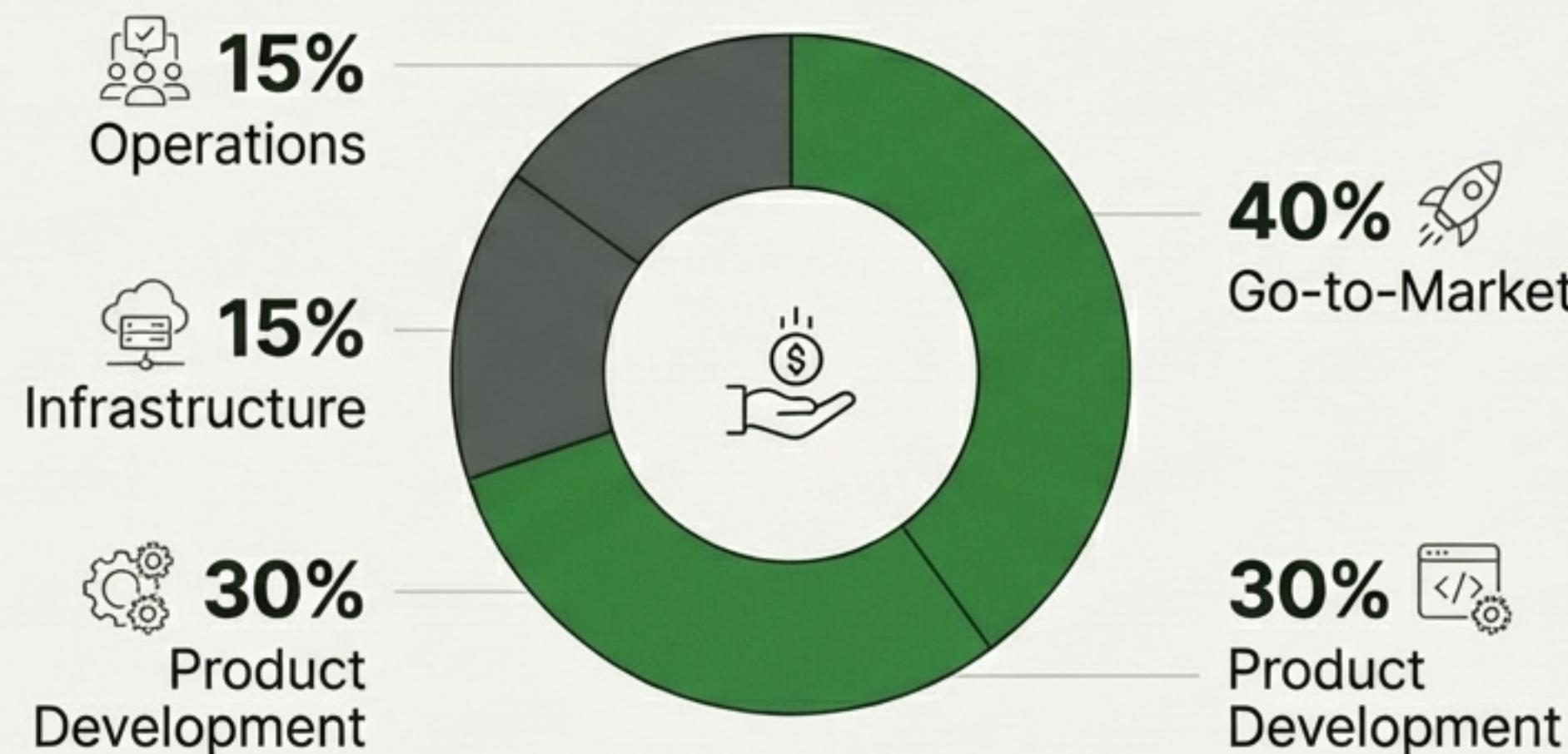
93% Gross Margin by Year 3  
**93%**

Target Valuation: \$240M+  
**\$240M+**

# Raising \$500,000 to Fuel Our Go-To-Market and Product Expansion.

## The Ask & Use of Funds

### \$500,000 Seed Round



## Runway & Milestones

12-Month Runway to Achieve Key Milestones:

- ✓ Reach **\$50k MRR**
- ✓ Secure **50 Paying Customers**

# Let's Build the Future of Urban Forestry. Together.



## Proven, Production-Ready Tech:

35-second analysis, live today.



## Massive, Urgent Market:

\$73B market driven by the climate crisis.



## Highly Scalable & Profitable Model:

90%+ margins, clear path to \$24M ARR.



## Expert, Cross-Functional Team:

The right blend of tech and domain expertise.

## Contact Information

**Email:** mydrsgdtgti@deloitte.com

**Demo:** Available upon request

## Next Steps

1. Schedule a live demo with our technical team.
2. Review our detailed financial model and product roadmap.

# Appendix: Deep Dive

## Competitive Landscape

Feature	ReLeaf	Manual Surveys	Other AI Solutions
Time per Location	35 seconds	2-4 weeks	5-10 minutes
Cost per Analysis	\$0.012	\$5k-10k	\$0.10-0.30
Scientific Validity	NASA-standard NDVI	Varies	Black box AI
Production Ready	✓ Yes	N/A	✗ Prototypes

## Risk Mitigation

Risk: Adoption Barriers	Mitigation: Free pilots, ROI calculators.
Risk: Competition	Mitigation: 14x cost advantage, Google Cloud moat.
Risk: Scalability Costs	Mitigation: Pay-per-use cloud architecture.

## Vision for the Future

- Real-time tree health monitoring
- Carbon credit verification
- API marketplace for developers