



## Agentic AI for Urban Tree Planting

Transforming Carbon Footprints into Climate Action

Team - ReLeaf the Earth

# The Vision



ReLeaf transforms Deloitte into a living, breathing example of corporate climate leadership – **powered by cutting-edge agentic AI.**

This isn't just sustainability – it's **accountability**.

# Benefits of Trees



## Known Ecological Benefits

### Air Pollution Removal

Cleaner urban air

### Stormwater Interception

Reduces flooding

### Energy Conservation

Natural cooling

### Carbon Dioxide Storage

Climate action

## Why This Matters



### Health Benefits

Looking at trees reduces stress significantly



### Forest Bathing Trend

Rising popularity worldwide



### Urban Cooling

Lowers energy consumption



### Flood Alleviation

Critical for Malaysia's climate

# Why This Analysis is Important



## Urban Planning Benefits

### Flood Alleviation

Strategic tree placement to intercept stormwater and reduce flooding risks

### Walkable Cities

Shade and greenery encourage pedestrian activity and safer streets

### Air Quality

Data-backed decisions to improve urban air quality

## Critical Needs

### Road Disaster Prevention

Proactive measures to prevent tree-related accidents during storms

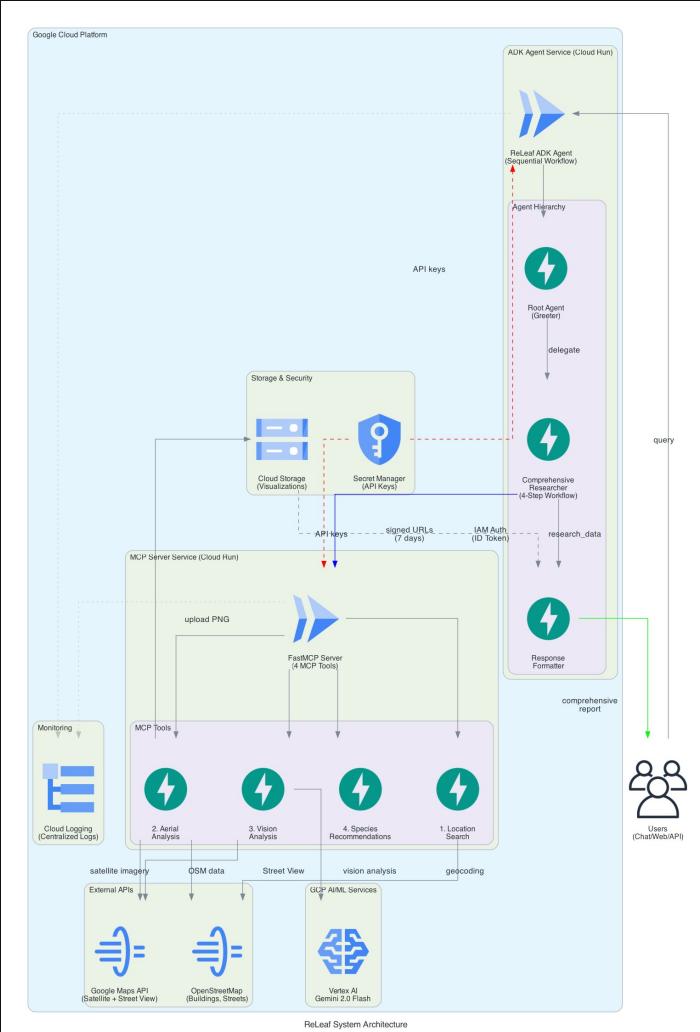
### Pedestrian Safety

Trees provide shelter and reduce urban hazards

### Greener Cities

Nature in the city improves wellbeing and lowers stress

# Architecture



# Let's See It In Action 🚀

🤖 Agent URL:

<https://releaf-agent-254863210019.us-central1.run.app>

💬 Try asking:

"Analyze tree planting opportunities near Menara LGB"

📦 GitHub Repository:

<https://github.com/Ryuujiw/dt-hack>

# Business Value for Deloitte



## Environmental Leadership

- ✓ Turn carbon footprint into measurable action
- ✓ Lead by example in sustainability



## Client Solutions

- ✓ Offer as consulting service
- ✓ New revenue stream opportunity



## Urban Planning

- ✓ Collaborate with city governments
- ✓ Support KL sustainability plans



## Brand Differentiation

- ✓ Showcase AI innovation in climate tech
- ✓ Sustainability thought leadership



 City Councils Can Now Make Data-Backed Decisions  
Moving from intuition to evidence-based urban planning

Turn guilt into measurable action.  
Together, we make Deloitte a living example of corporate climate leadership!