

A photograph of a person's hands cupped together, holding a small green seedling with dark soil. The background is a blurred forest floor with green foliage and brown leaves. The text 'ReLeaf' is overlaid on the image, with a small green leaf icon replacing the 'f' in 'Leaf'.

# ReLeaf

## 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

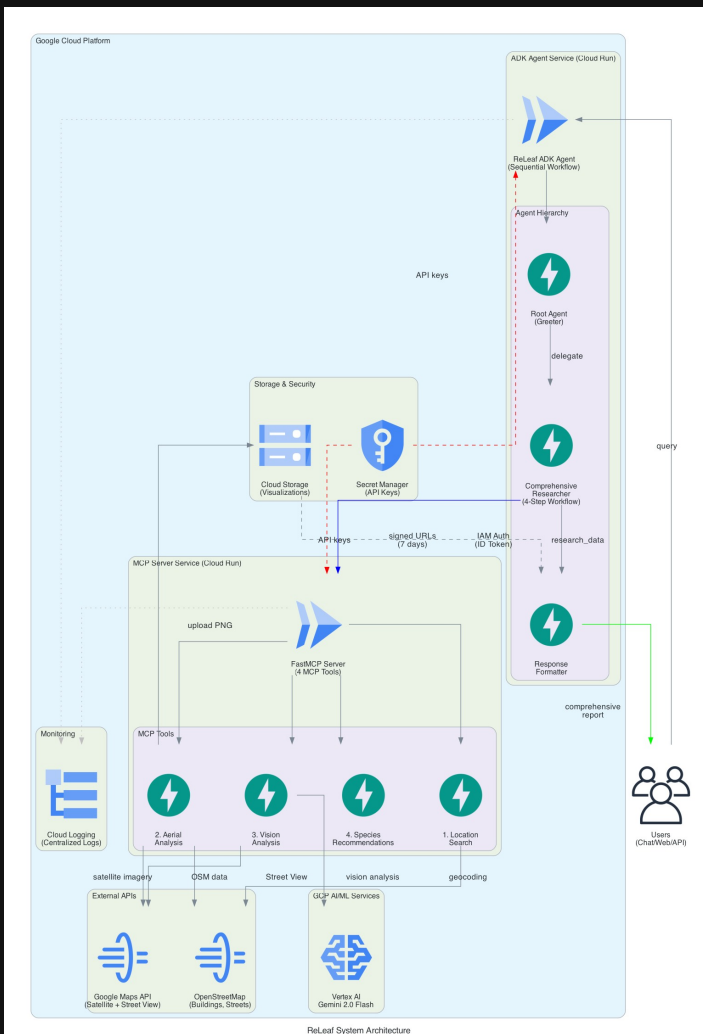
### **Pedestrian Safety**

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!