

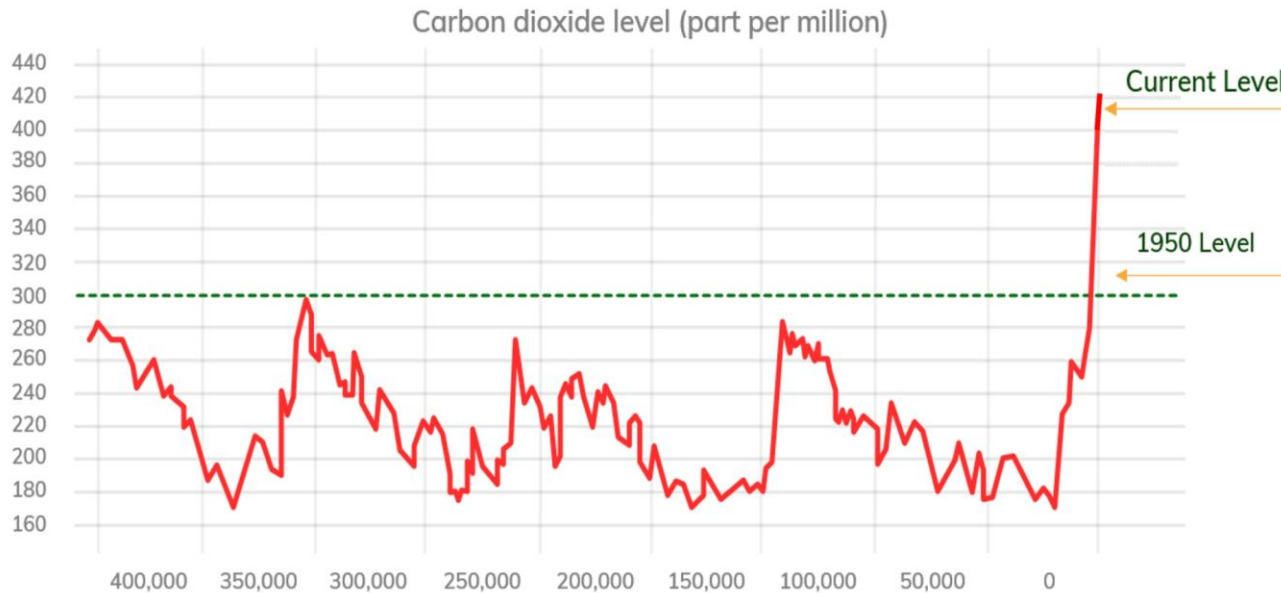


# Carbon Management Platform

Accelerating Climate Actions with Technology



# Climate Emergency: A Wake-Up Call



<https://climate.nasa.gov/evidence/>

The Paris Agreement sets out a global framework to avoid dangerous climate change by **limiting global warming to well below 2°C and pursuing efforts to limit it to 1.5°C.**

It also aims to strengthen countries' ability to deal with the impacts of climate change and support them in their efforts.



Carbon Dioxide  
**419** Parts per million



Global Temperature  
**1.01°C** Since 1880



Sea Level  
**4** Inches since January 1993



Ocean Warming  
**337** Zettajoules since 1955

# Indonesia's Regulatory Push



Paris Agreement - Ratified by laws 16 / 2016

Target of Indonesia's NDC

Presidential Regulation 98/2021 on Carbon Pricing Implementation

Ministerial Regulation on Carbon Pricing, Carbon Trading and Carbon Tax

MoEF Regulation 21/2022

GHG reduction of 29% and up to 41% with international support by 2030 from Business-as-Usual scenario. ENDC (Enhanced NDC) 31.89% to 43.20%.

National Climate Resilience on Economics, Social, and Ecosystem & Environment resilience.

Net-sink Forest and Other Land Use plays important role in Low Carbon Compatible with Paris Agreement (LCCP) scenario and contribute nearly 60% of the total emission reduction.

Energy and Transportation, Waste, Agriculture, and Industrial Processes and Product Use (IPPU) are the other sectors deemed able to contribute to emissions reduction target.

2022

Technical regulation on carbon trading that is in sync with cap & trade and carbon tax in energy sector

2023 - 2024

Preparing Carbon Exchange infrastructure while evaluating carbon tax and increasing preparedness of each sector impacted by introduction of carbon tax

2025

Full implementation of carbon trading through exchange and expanding the sector to be included

## Carbon Project

Initiate domestic carbon pricing mechanism to enforce carbon tax and formation of carbon exchange

## Carbon Tax

1.2x average Carbon Price in the carbon exchange of previous Year or IDR 30K/tco2e

# Jejakin's Ecosystem







**CarbonIQ**

Carbon Intelligence Accounting

# Carbon Data Platform



Jejakin

CarbonIQ enables company to track and analyze their Scope 1, Scope 2 and Scope 3 Greenhouse Gas (GHG) inventory in CO2 equivalents

**Scope 1:** Mobile, Fugitive Combustion

**Scope 2:** Purchased Electricity and Water

**Scope 3:** Upstream/Downstream Transportation of Goods & Services, Leased Assets, Business Travel, Commuting Travel, Purchase Goods (Server and Construction materials)

CarbonIQ provides various tools to build user adaptability and close the data enrichment gap – such as: template uploads, ERP Integration and Industrial Sensors Data Capture

### CarbonIQ Clients and Partners:





**CarbonAtlas**

MRV Carbon Project Platform

# MRV for Reforestation and Carbon Project



Jejakin





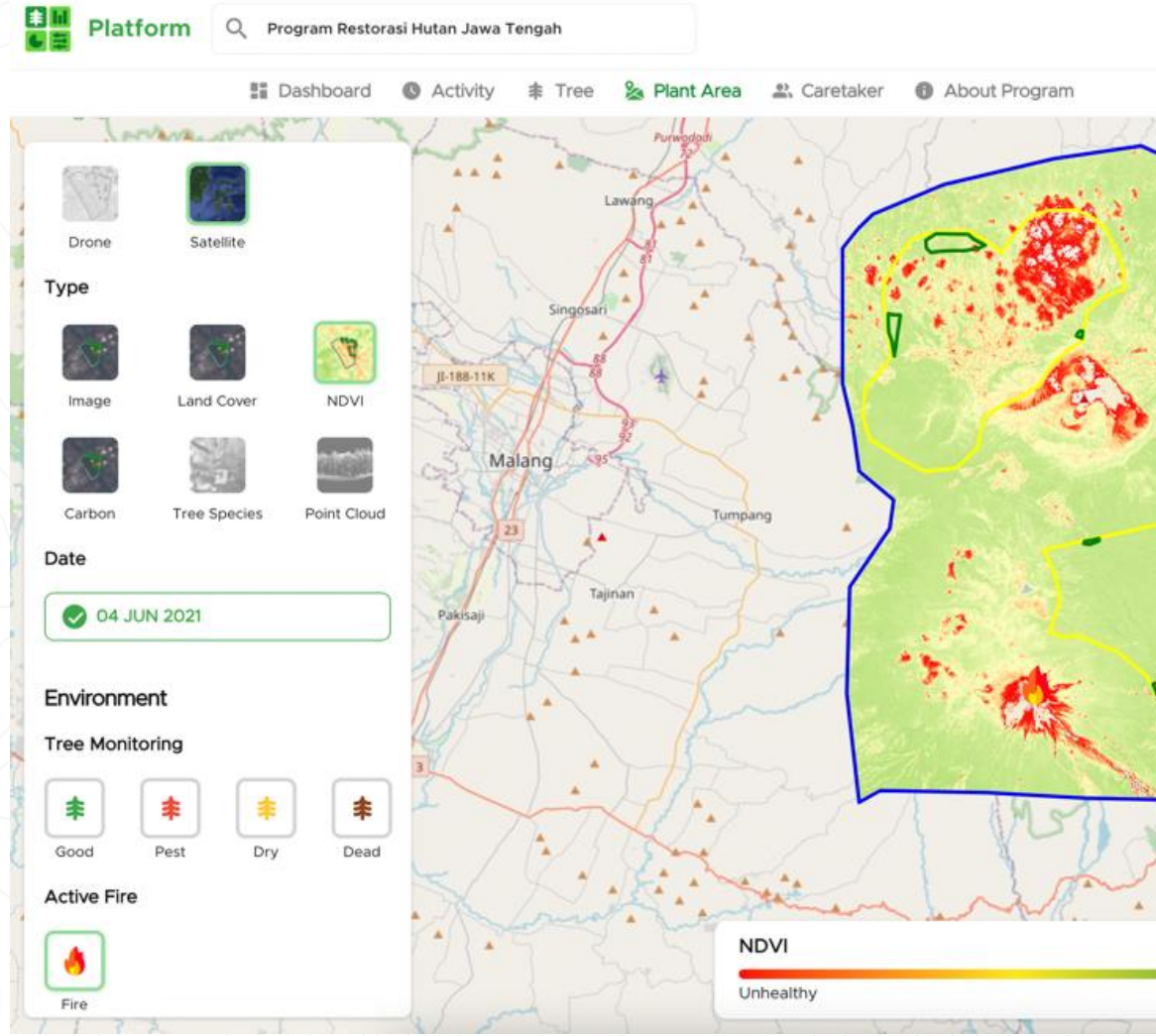


CarbonAtlas has helped monitoring more than 450k Ha of **Reforestation Projects** throughout Indonesia

CarbonAtlas enables companies to monitor trees planting activities and generate reporting in a way that aligns with international reforestation monitoring standards – giving assurance to various stakeholders on the quality of every project.

CarbonAtlas clients vary from Transportation Company to FMCG Company; all to ensure that their projects are monitored consistently and stay align to their sustainability goals.

In addition to our remote sensing technology, CarbonAtlas also empowers local community to provide on the ground reports – through on ground sensors and dedicated mobile apps.



**CarbonAtlas Clients and Partners:**





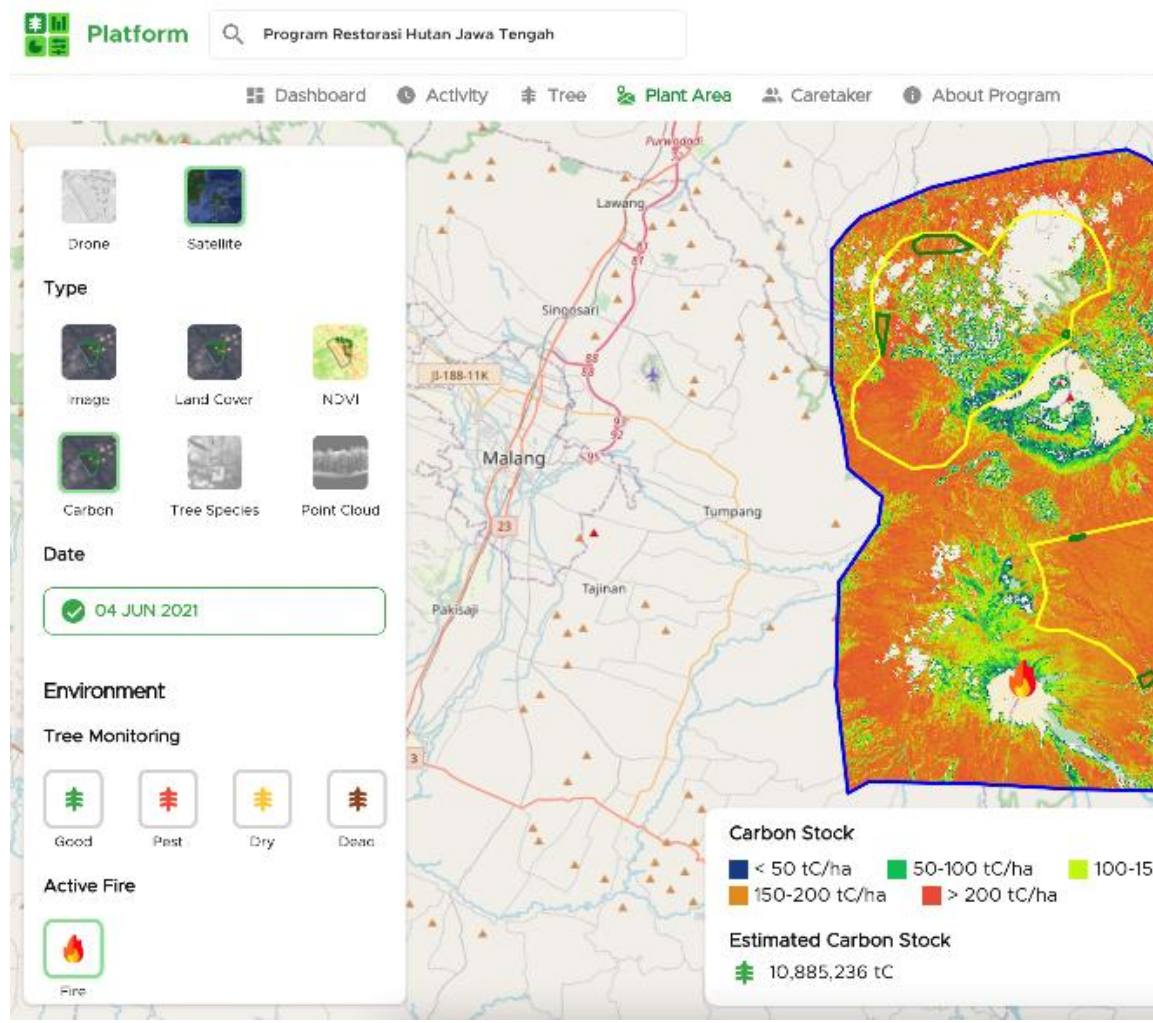


CarbonAtlas is providing comprehensive explainability in relation to running **Carbon Project** – starting from high level FS assessment to Project Implementation and Registration.

CarbonAtlas has been deployed to assess more than 1 million Hectares of forest for potential **Carbon Project** with estimated 12 million tonnes of VCUs per year.

Our remote sensing technology and on ground sensors are suitable for Landowners, Carbon project Developers, Implementing Partner, Verification Bodies in developing Carbon Project.

These tools give the followings data insight to aforementioned parties:





# Climate Programs Dashboard and Marketplace







CarbonSpace enables companies to create new climate action initiative that best resonates with their stakeholders – all done through a seamless integration to their transaction journey.


CarbonSpace also allows institutions to build their own fundraising channel for specific climate programs – either those that are listed in our marketplace or new initiative by the institutions themselves – all can be controlled through our Business Manager Dashboard to give ease of access and controllability.

CarbonSpace works with verified climate partners – not just in reforestation activities but also in waste management, renewable energy and soon VCU market exchange.


### CarbonSpace Clients and Partners :



**Carbon offset**




**Planting trees**




Tree adoption


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**Program Konservasi Mangrove Hutan Blanakan**  
Jawa barat  
**\$800**  
Per Project




**Ekowisata Mangrove Pantai Indah Kapuk**  
Jawa barat  
**\$1.200**  
Per Project




**Konservasi Bontang Mangrove**  
Jawa barat  
**\$2.250**  
Per Project




**Program Hutan Lindung Waykambas**  
Jawa barat  
**\$1.134**  
Per Project




**Konservasi Perlindungan Hutan Wilayah Gajah**  
Jawa barat  
**\$960**  
Per Project



**Program Reboisasi Gunung Palung**  
Jawa barat  
**\$278**  
Per Project



**Penanaman Bibit Untuk Melindungi Badak Sumatera**  
Jawa barat  
**\$598**  
Per Project



**Lindungi Puspa Lindung Selamatkan Bumi**  
Jawa barat  
**\$688**  
Per Project

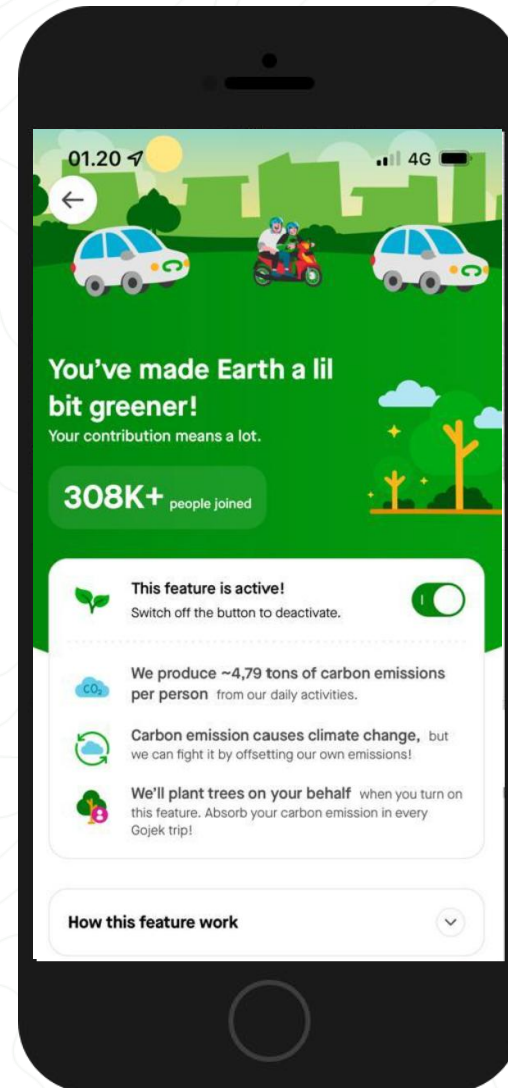




### In App Integration and PWA Marketplace:

Organic adoption rate of Tree Collective program reaching **320K+** of subscribers and generate **GTV of IDR 3.6bio +** and **2.7mio** transactions within 5 months from launching.

Contributors will then receive annual monitoring report giving credibility and transparency to climate programs listed.



**gogreener** carbon offset Powered by **Jejak.in**

Laporan / Detail Laporan

**Hai Arfan**

Pohon kamu sudah kami tanam ya!  
Ini adalah laporan pemantauan area penanaman pohon GoGreener Carbon Offset.



#### Konservasi Bontang Mangrove Park Lestari Phase 2 Batch 3



#### Kontribusi Program Saya

- 251 Gram**  
Estimasi Stok Karbon
- 0,21 Pohon**  
Kontribusi

- 3.572 m<sup>2</sup>**  
Luas Total Wilayah
- 240 Tree(s)**  
Total Pohon
- 293 Kg**  
Estimasi Stok Karbon

#### Area Penanaman



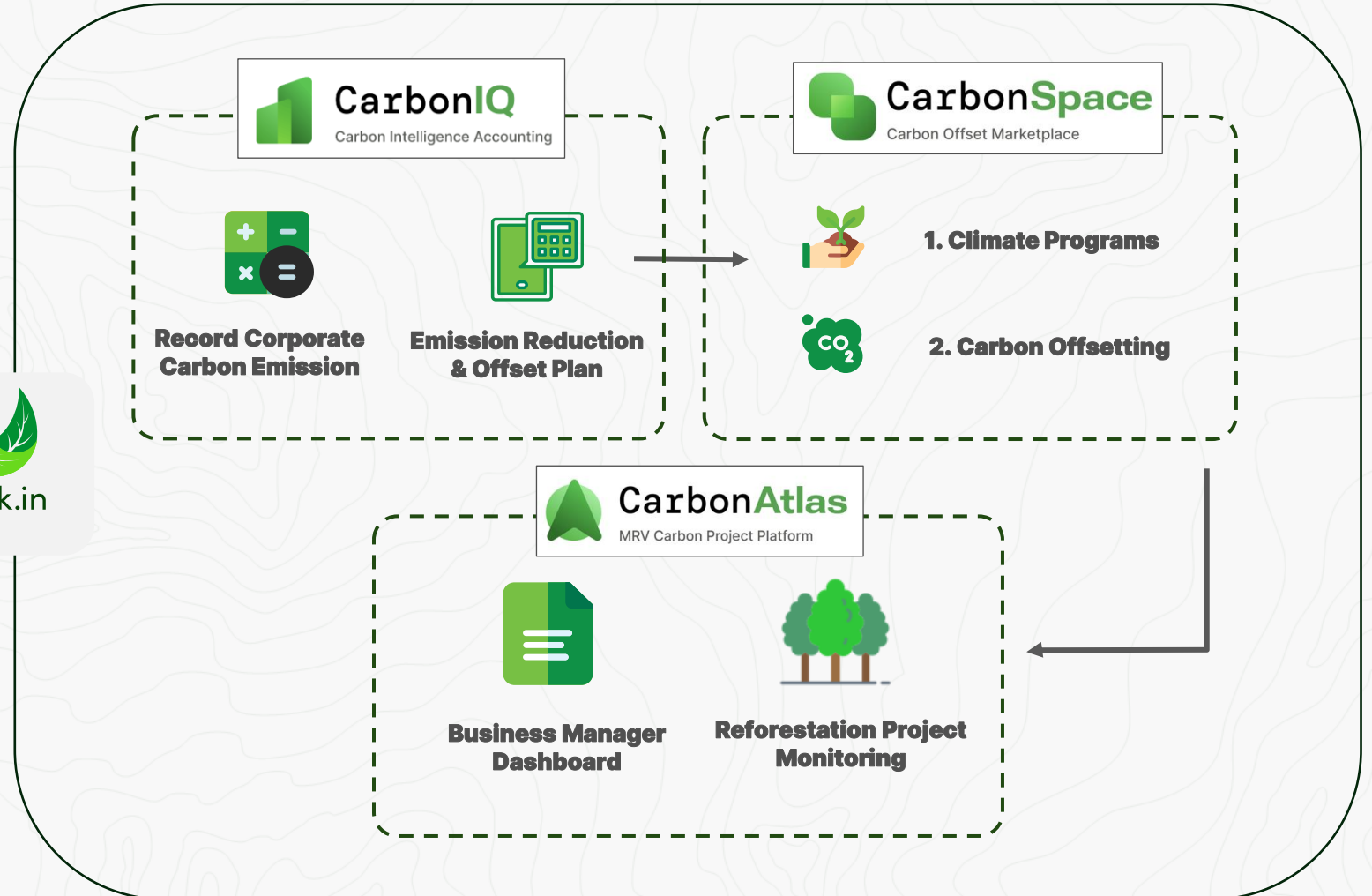
#### Jenis Tanaman

- Nama Pohon: **Mangrove**
- Nama Ilmiah: **Rhizophora Apiculata**



# Carbon Management System

Incorporating sustainability into your business processes



# Making Real, Measurable Impact

\* Data Per Sept 2022



FOLU plays important role in Indonesia's NDC Target and contribute nearly 60% of the total emission reduction target

**5,1M+ METRIC TONS**  
of Carbon Stock

**450K+ HA**  
land monitored

**100+ FLORA AND FAUNA**  
biodiversity have been recorded

**180+ PROGRAMS**  
running on the platform

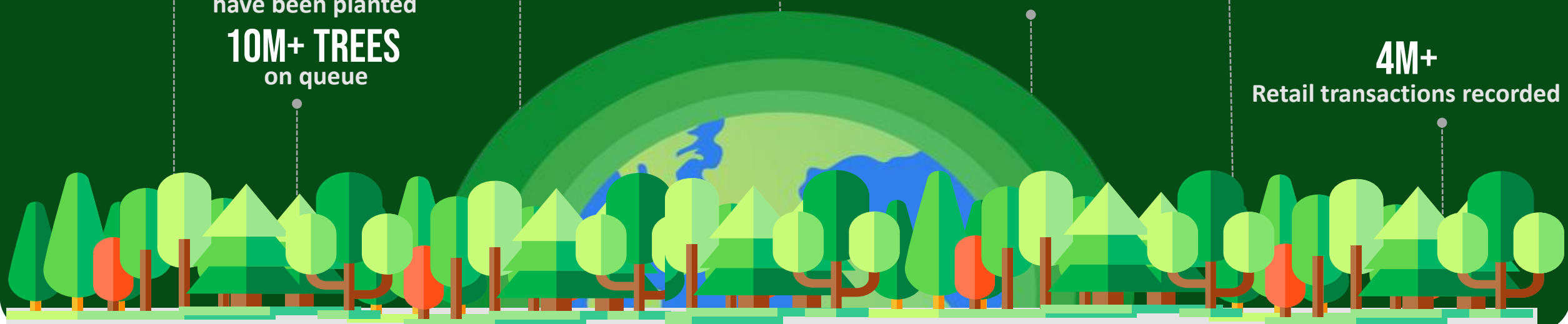
**1M+ HA**  
Potential carbon  
projects

**15K+ TREE**  
species data have been collected

**2M+ TREES**  
have been planted

**10M+ TREES**  
on queue

**4M+**  
Retail transactions recorded







# Accelerating Climate Actions with Technology

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Scan me!