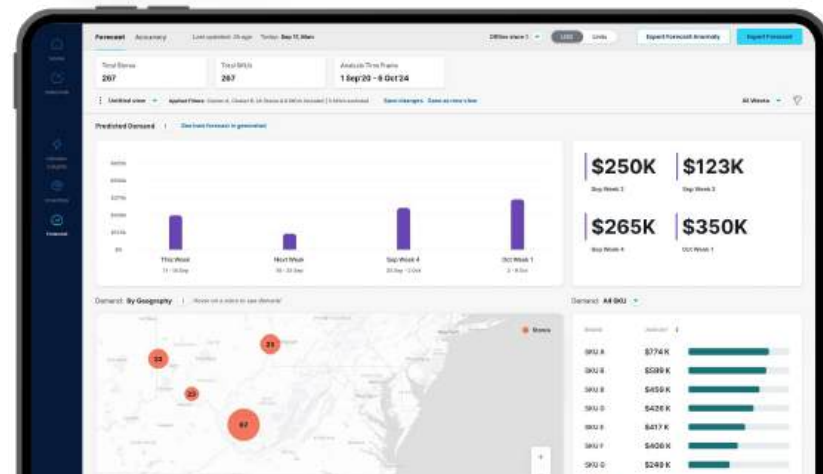
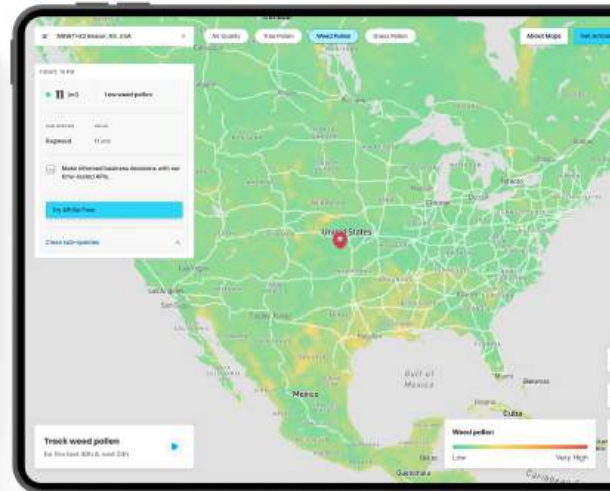
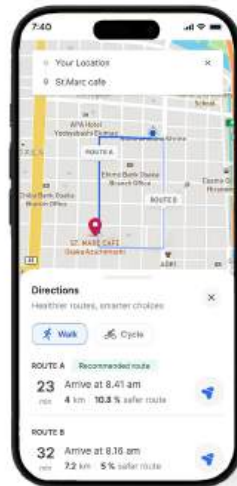
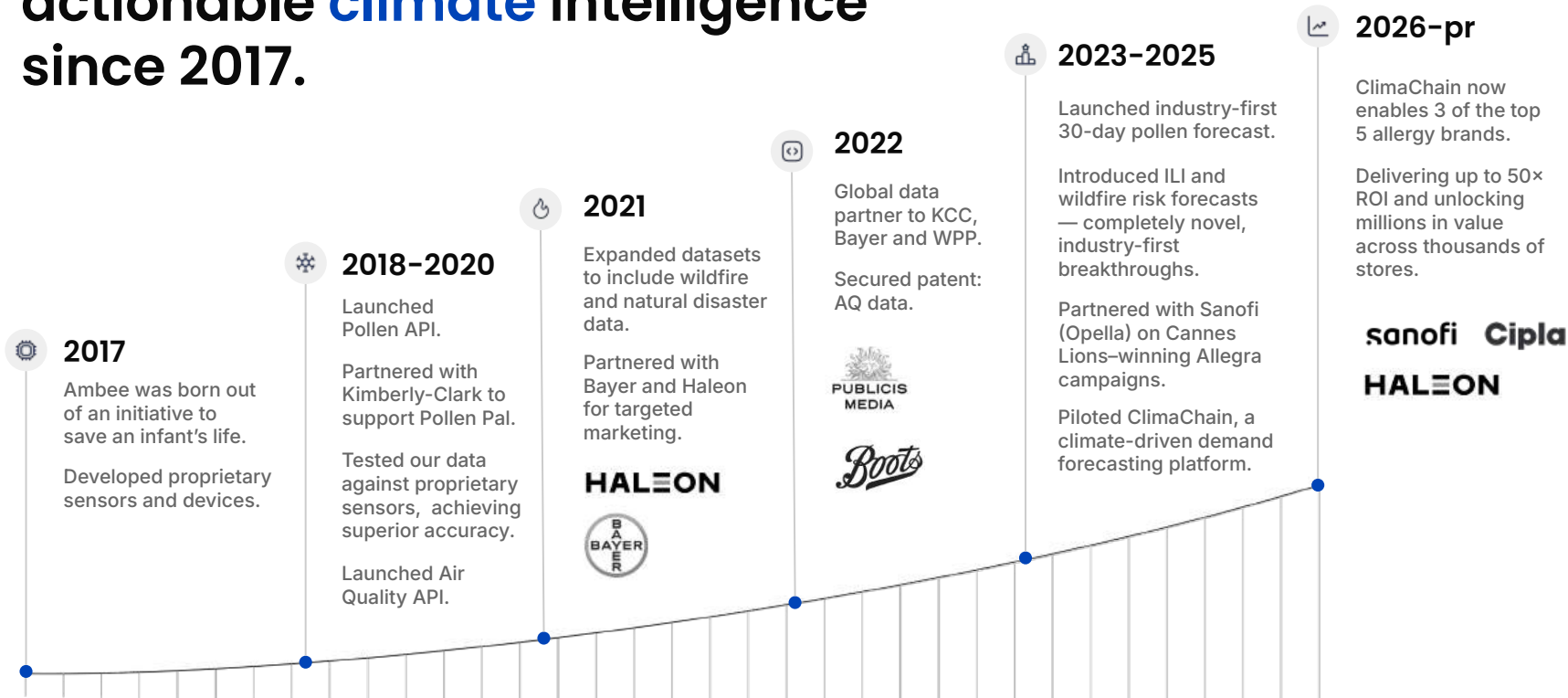




Climate intelligence for real world decisions



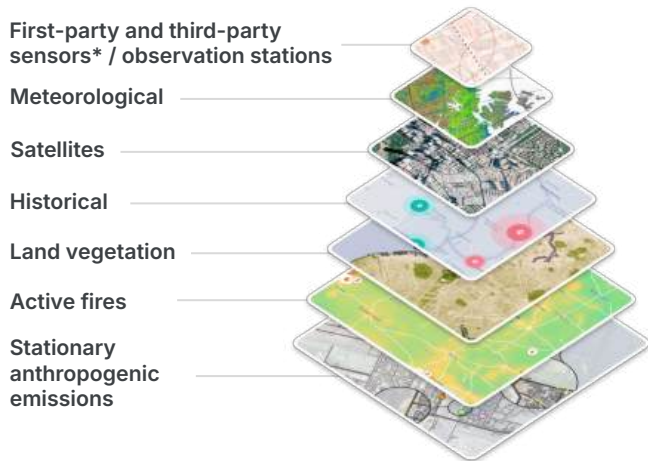
We've been driving **growth** with actionable **climate** intelligence since 2017.



HOW DO WE DO IT?

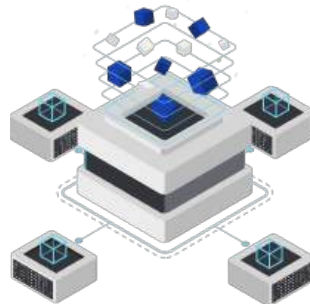


We rigorously follow **scientific methods** at every step, from research to delivery



Collect

Raw data collected from
proprietary + public sources



Model & measure

Multi-modal approach using
proprietary AI and ML techniques



Validate

Validated against real-time
ground data as well as
scientific literature

Ambee capabilities: Data. Intelligence. Impact



Ambee climate data suite

Historical, present, and forecast climate data.



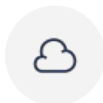
Air quality



Pollen



Natural
disasters



Weather



Wildfire



Influenza-
like-illness

Ambee solution suite

Climate data turned
decision-grade intelligence.



ClimateChain-
Demand forecasting



Hazard & Loss
Intelligence Platform



Visualization
suite



Clean route
mapping



Ambee climate data suite



A glance at Ambee's climate data suite



	AQ	Pollen	Weather	Wildfire	Natural disasters	Influenza-like illness
Parameters	AQI, PM (2.5 and 10), CO, NO ₂ , SO ₂ , O ₃	Pollen counts of tree, grass, and weed pollen with 35+ pollen subspecies with risk levels	Temperature, apparent temperature, dew point, UV index & more	Fire classification, fire intensity, burned area & more	Earthquake, cyclone, flood, drought, forest fire, landslides, cyclone and volcanic eruption	ILI risk forecast with optional weather and pollen forecast
Coverage	Global	Global	Global	Global	Global	USA and Europe
Time horizon	Present Historical: From 2010 Forecast: 48 hours (hourly) 96 hours (hourly) 4 days (daily)	Present Historical: From 2015 Forecast: 48 hours (hourly) 120 hours (hourly) 5 days (daily) 30 days (daily)	Present Historical: From 2005 Forecast: 368 hours (hourly) 15 days (daily) 46 days (daily) 7 months (monthly)	Present Historical: From 2005 Forecast: Up to 4 weeks (daily)	Present Historical: From 2005	Forecast: 30 days (daily)
Temporal resolution	a) Hourly, daily and weekly. b) Hourly and daily are native, custom resolutions available upon request					Daily
Granularity	Ability to map to any location of interest: lat/lon, zip/postal codes, DMA, MSA, or any user-defined boundary			Event-level precision		County/state level for supported regions

Ambee Pollen

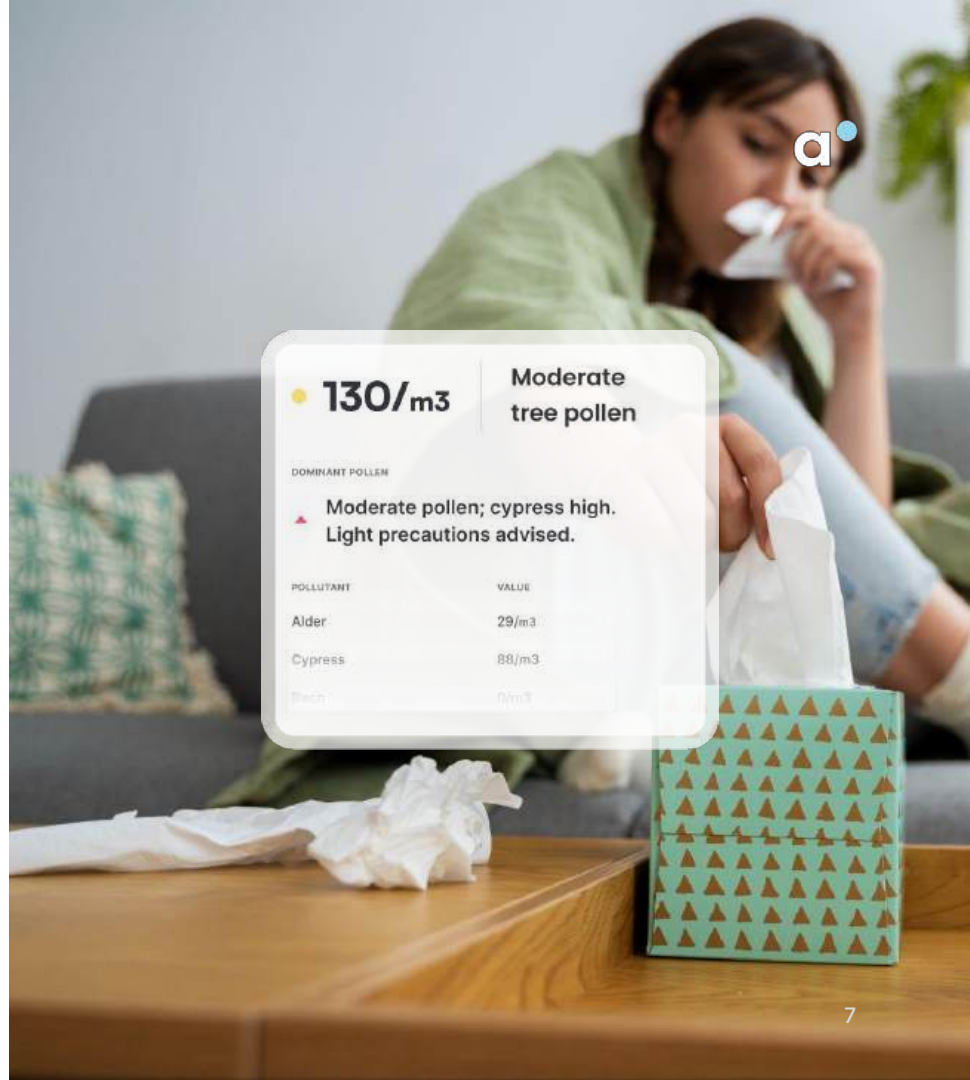
Trusted by leading allergy brands with global coverage capabilities.

 **Global pollen count and risk levels**
Pollen counts and risk levels for tree, grass, and weed pollen including 35+ subspecies like oak, alder, etc.

 **Hyperlocal precision**
Ability to map down to any geography or location.

 **Intelligent gap-filling**
Machine learning and probabilistic models trained on 15+ years of data extend coverage where observations are limited.

 **Forecast views**
Up to 48 hours hourly, 7 days in 3-hour resolution, and 30 days daily.



Ambee Air Quality

High-accuracy data, with global coverage.



Air pollutants coverage

PM2.5, PM10, SO2, NO2, CO, AQI, and risk levels.



Hyperlocal precision

<1 km² spatial resolution with the ability to go finer.



Refresh rate

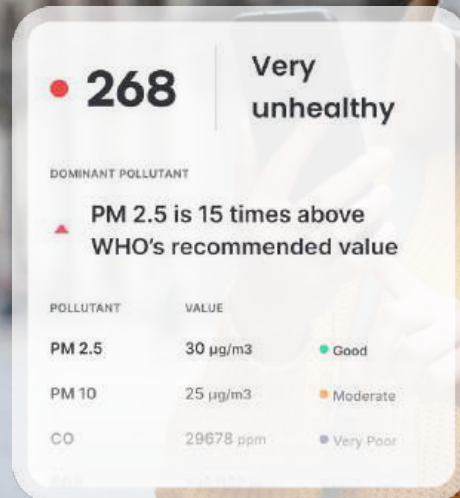
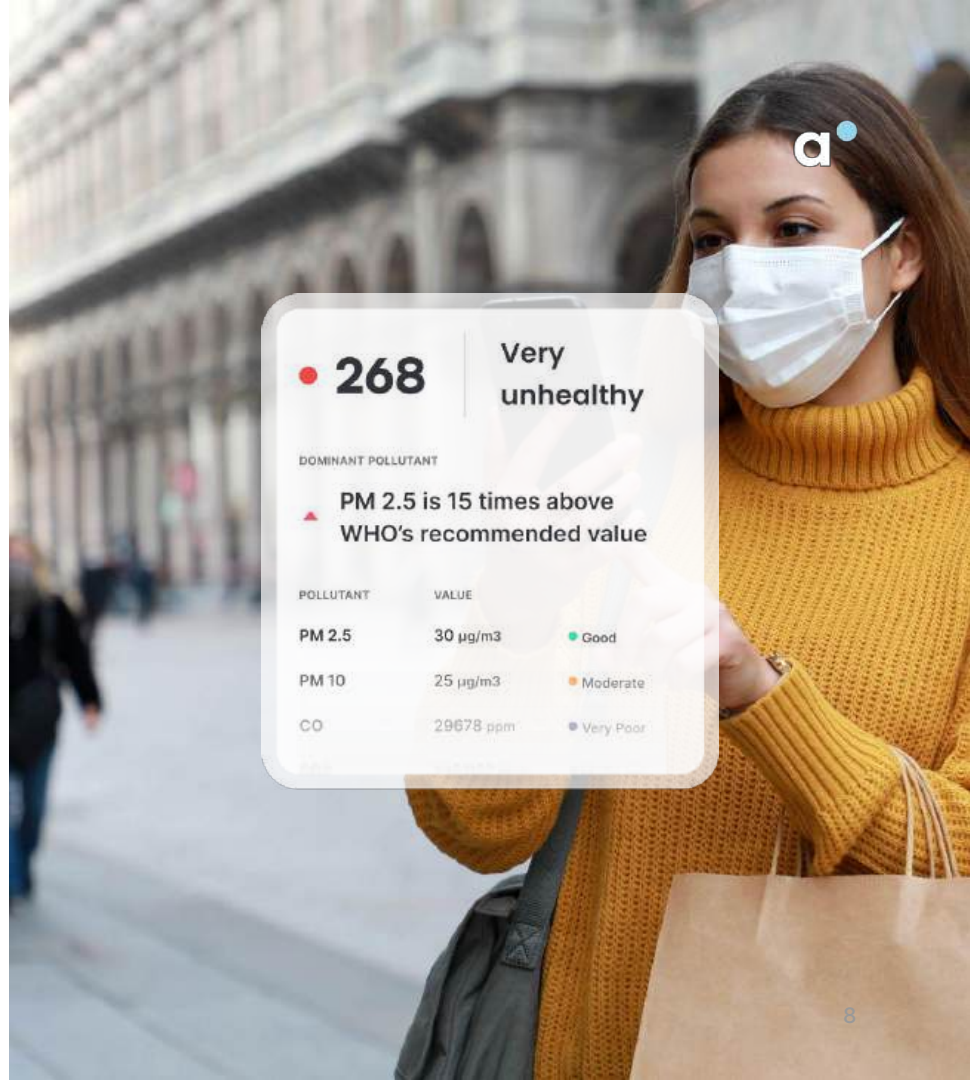
Hourly data refresh for timely decisions.



4-day predictability

48 hours with hourly updates.

4-days with 3 hourly update.



Ambee Weather

Class-leading accuracy with global coverage.

Weather parameters coverage

Global weather data with temperature, humidity, precipitation, wind, and more.

Hyperlocal precision

<1 km² spatial resolution, with the ability to go finer.

Refresh rate

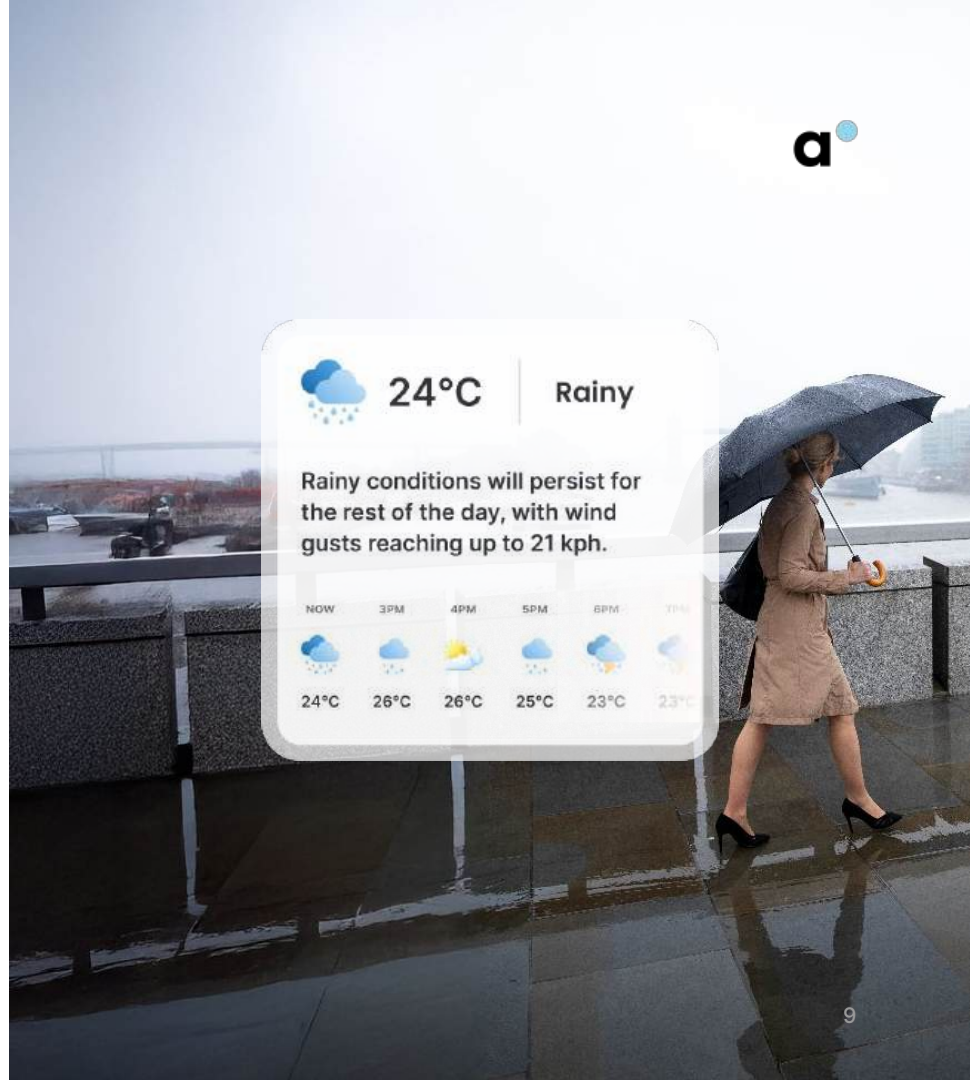
Hourly data refresh for timely decisions.

30-day predictability

48 hours with hourly updates.

7 days with 3-hourly update.

30 days with daily update.



Ambee Influenza-like Illnesses

Proactive flu risk prediction using climate and health signals.



Multi-source fusion

Combines CDC/European ILI data with pollen, weather, and environmental signals.



Expanding coverage

County-level precision for the USA, Germany, Poland, Croatia, Italy, Spain, and France.



Proven accuracy

Machine learning models trained on 10+ years of ILI and climate history, validated against CDC reports (>90% accuracy).



Forecast views

Rolling 30-day ILI forecast refreshed daily.



Ambee **Wildfire**

Prompt and comprehensive source of wildfire intelligence worldwide.

Comprehensive event sources

Integrates global satellite feeds, reported fire events, and on-ground sensor data.

Real-time updates

Hourly refresh rates for timely decision-making.

Analytical depth

Supported parameters include economic impact, burnt area polygons, containment %, and fire categories (WF, RX, N).

Forecast breakthrough

Industry-first 4-week wildfire risk outlook, built from weather, fuel type, and soil moisture modeling.



 **Wildfire Alert** NEW FIRE

28°54'00.0"N 74°37'40.8"E

EVENT DETAILS

Confidence	Nominal
Area burnt	30 acres
Wind	30 mph North-East
FWI	8.7
FRP	0.48
Source	Reported
Detected on	March 5
Last updated	March 5

Ambee Natural Disasters

Accurate and timely insights for 12+ disaster events including earthquakes, floods, wildfires, tropical storms and more.

Diverse data sources

Utilizes localized and global networks like GDACS, EONET, and more.

Real-time updates

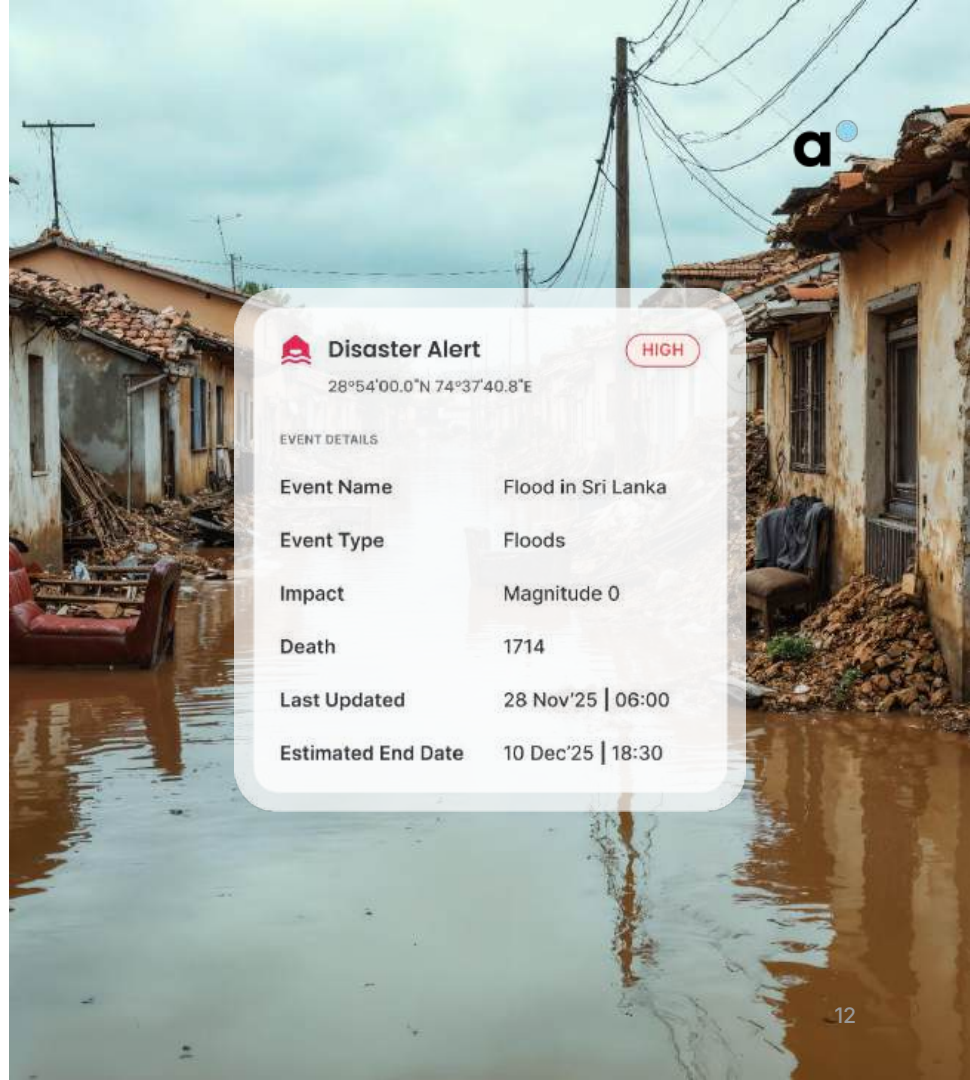
Hourly and 6-hourly refresh rates for timely decision-making.

Analytical depth

Supported parameters include economic impact, burnt area polygons, containment %, and fire categories (WF, RX, N).

Flexible delivery

Ensures accurate data in an easy-to-integrate format.



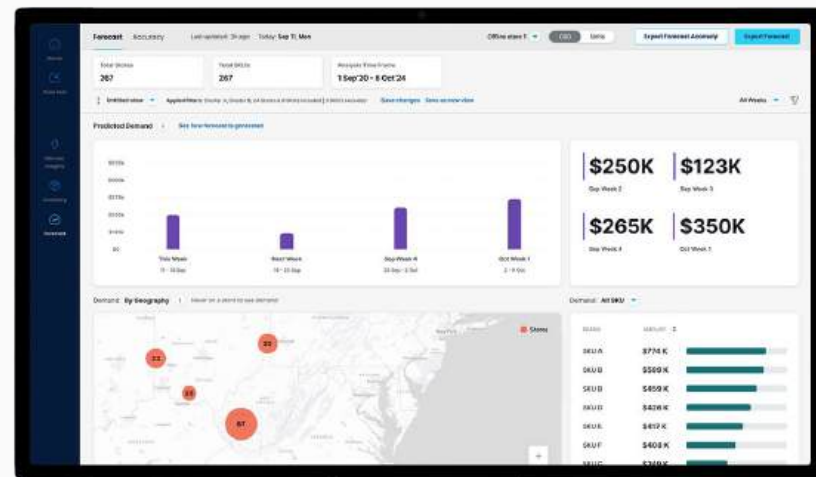
Ambee solution suite



ClimaChain

Your competitive edge in demand planning.

- 🌐 Plan demand with climate signals including pollen, weather, pollution, and ILI.
- 📈 Improve forecast accuracy by up to 42% and reduce seasonal stock outs by as much as 50%.
- ⊕ Generate store and SKU-level demand forecasts for precise allocation.
- 📊 Align promotions and marketing with upcoming demand peaks for double-digit uplift in campaign RO.
- 💰 Capture millions in incremental revenue through smarter inventory planning and optimized availability.



Try ClimaChain [➔](#)

Ambee clean visualization suite

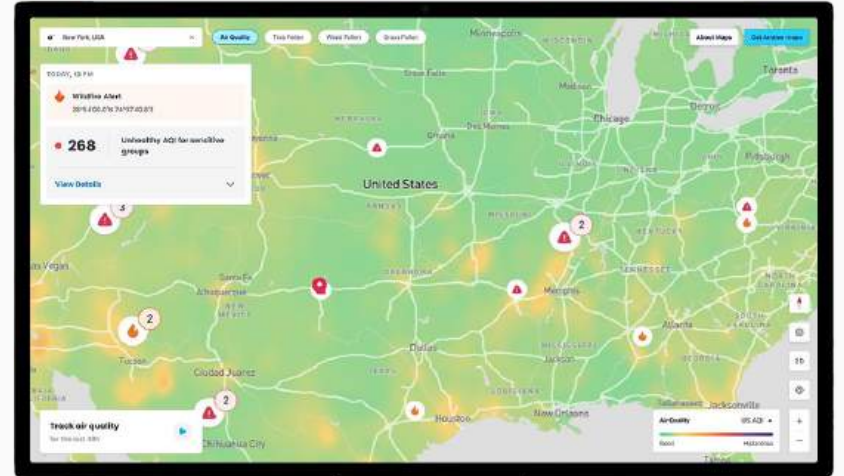


Customizable heatmaps (real-time, historical & forecast)

- Pollution (AQI, PM 10, PM 2.5, etc).
- Pollen (tree, weed & grass).
- Weather parameters (temperature, humidity, etc.).

Map tile overlay

- Customizable map colors with flexible options.
- Low latency for smooth user experience.
- Tile rendering via Ambee web map service/tile service.



[Try Ambee maps](#) ↗

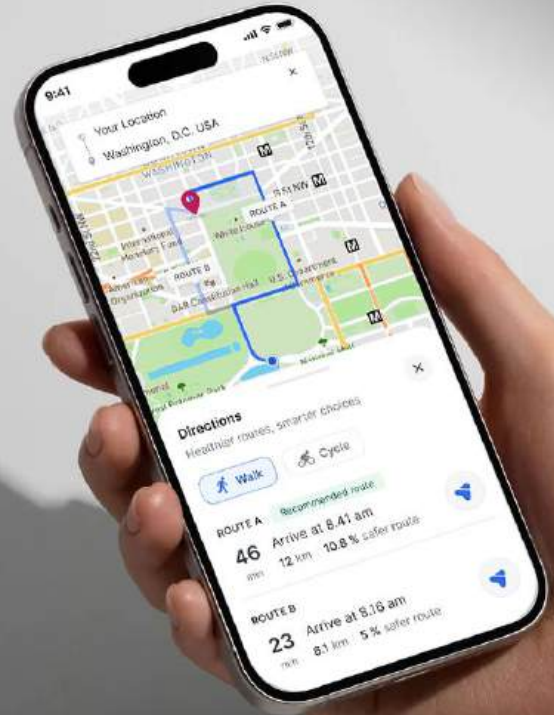
Ambee clean route mapping

Exposure-aware navigation

- Real-time mapping of routes with safest environmental conditions (pollen, air quality, etc.).
- Historical data and forecasted routes for safer travel planning.
- Interactive overlays highlighting pollution and pollen hotspots.

Customizable map integration

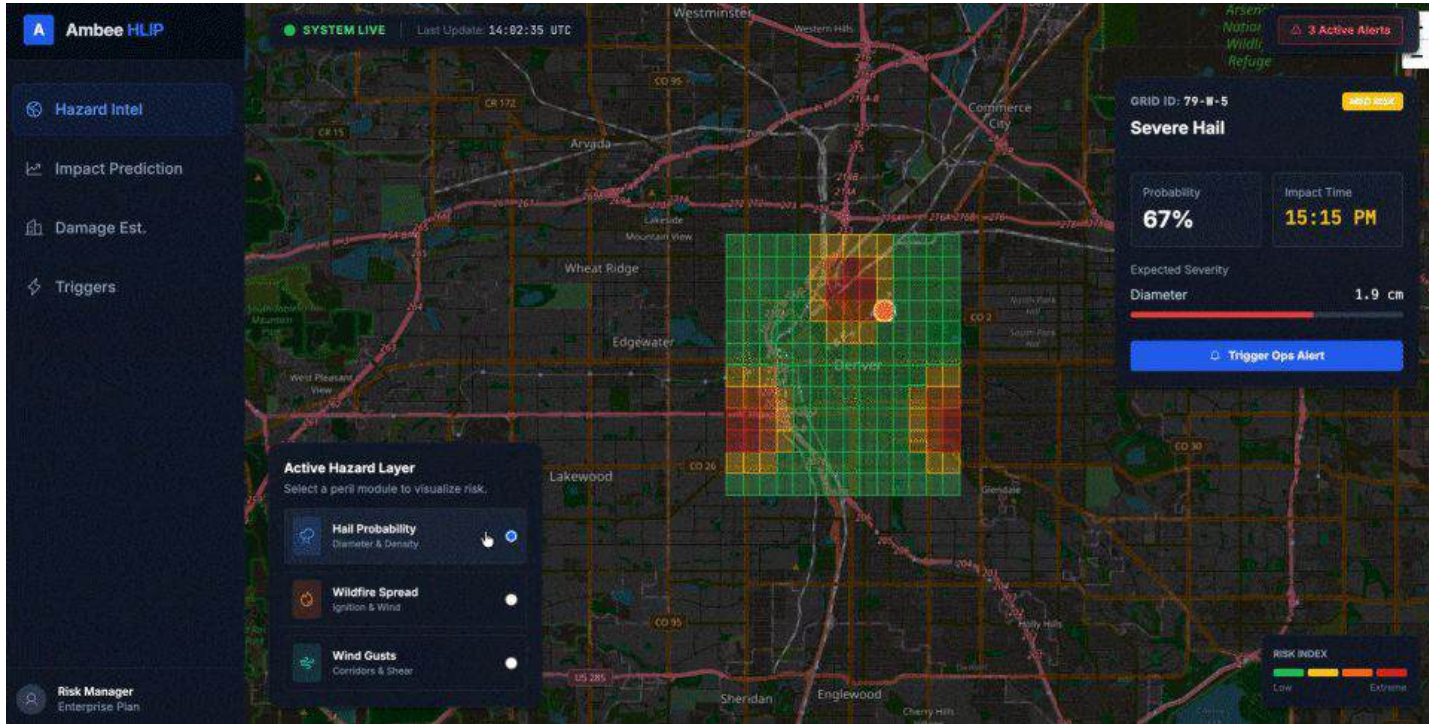
- Granular coverage at zip-code level with hourly updates.
- Flexible map tiles for embedding into navigation, fitness, and health platforms.



COMING SOON



HLIP — Hazard & Loss Intelligence Platform



Ambee in action





**Allegra
AIRWAYS**
Find near-time routes with better air quality



Winner Silver Lion
In Health and Wellness
category at Cannes
Lions International
Festival of Creativity,
2024

4.4Bn+

Earned media
impressions from the
launch

3M+

Boost in
revenue

50%

Increase in purchase
intent for Allegra

Allegra Airways: Building the world's first navigation tool for allergy sufferers



2 Months Jul - Sep'23

**Pilot launched for
NYC Climate Week**

FEATURES BUILT



Heatmap
technology



Visual
scales



Cleanest route
planner

6 months Oct - Mar'24

**Pan-US launch at
SXSW, Texas:**

FEATURES BUILT



24 hr route
forecasts



Interactive
heatmap



Sharable
routes

Jan'25

**Launched Allevia
passport – an
allergy management
tool for travelers**

FEATURES BUILT



Global pollen
and AQ forecasts



Pollen and
pollution parameters

Consumer engagement and app

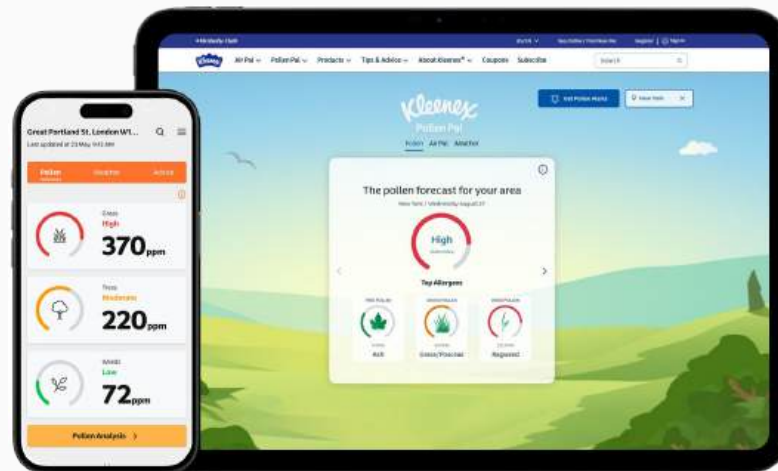
In partnership with Kimberly Clark Corporation (KCC), Ambee has co-developed “Your Pollen pal” and “Airpal”, two applications that display allergen and pollution forecast to support its flagship brand “Kleenex”.

100k+

Unique website
visits in the first
week of launch

'50k+'

MAUs
Started with web-app in UK
now expanded globally.



Programmatic ads

Bayer made a strategic choice to move with climate data-driven insights for their latest Claritin Campaign - precision marketing.

They used DV360 to show specific ads in parts of Egypt, based on real-time air quality when pollution is moderate to very high.

40%

MoM growth in
search interest for
Claritin

59%

Increase in sales
for Claritin in
Egypt



Haleon | **HALEON**

Precision marketing

Ambee's data enabled Haleon to run several activation across the US and the UK for one of their flagship products.

The result of hyper targeting their programmatic ad campaigns with climate data exceeded their benchmarks.

Market	Benchmark VCR %	Achieved VCR%
US	75.00%	79.2%
US	75.00%	78.3%



Juli mobile app | juli

Digital health application

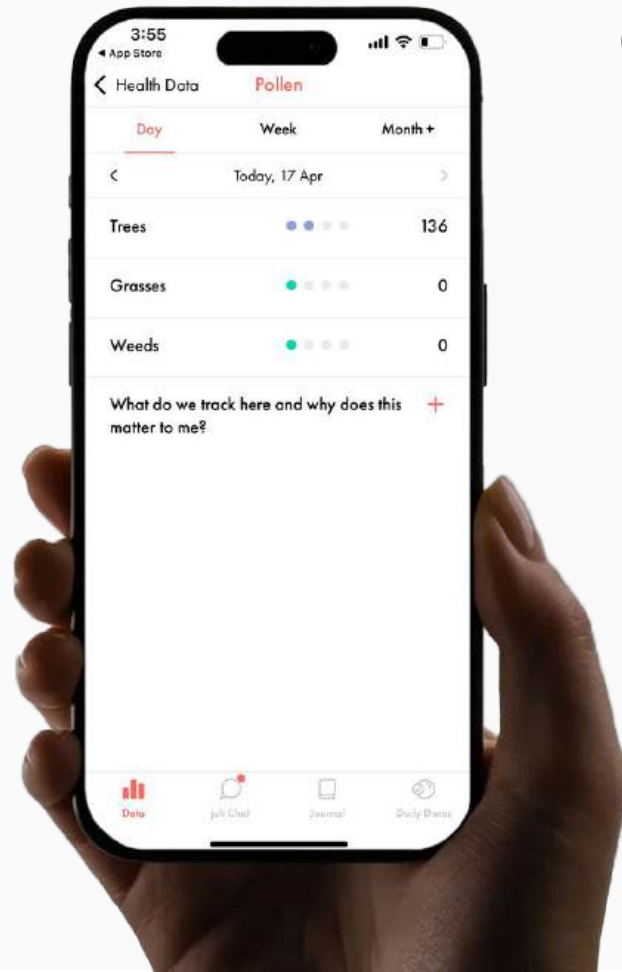
Ambee's data helps manage chronic health conditions such as asthma, allergies, and mental health conditions with data-backed insights.

7x

higher retention than industry average of 30 days.

2.2

times per week average app usage by active users.





Thank you!

[API documentation](#) ↗

[Try our APIs](#) ↗

[Contact us](#) ↗

 www.getambee.com

