



Ambee Air Quality Data

Powering business-critical decisions
with global air quality intelligence



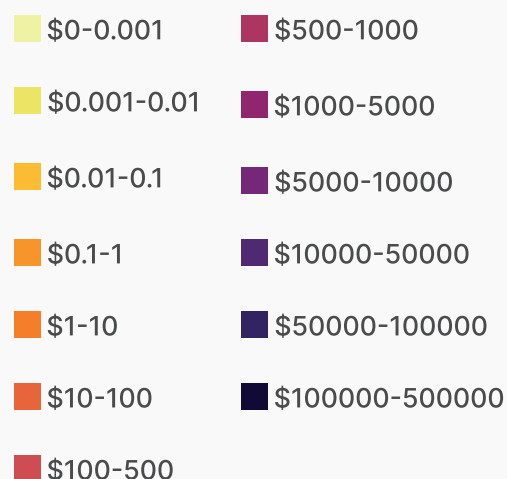
A global air crisis

The operational and financial consequences—from chronic illness to logistics delays and insurance claims—continue to escalate. Despite the urgent need for highly accurate and hyperlocal air quality information, most datasets fail to capture conditions in a way that is precise, continuous, and geographically relevant.



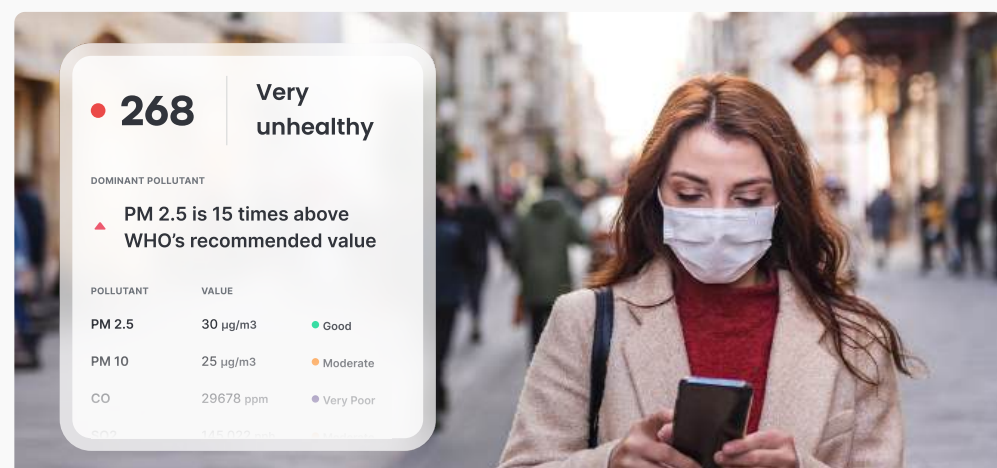
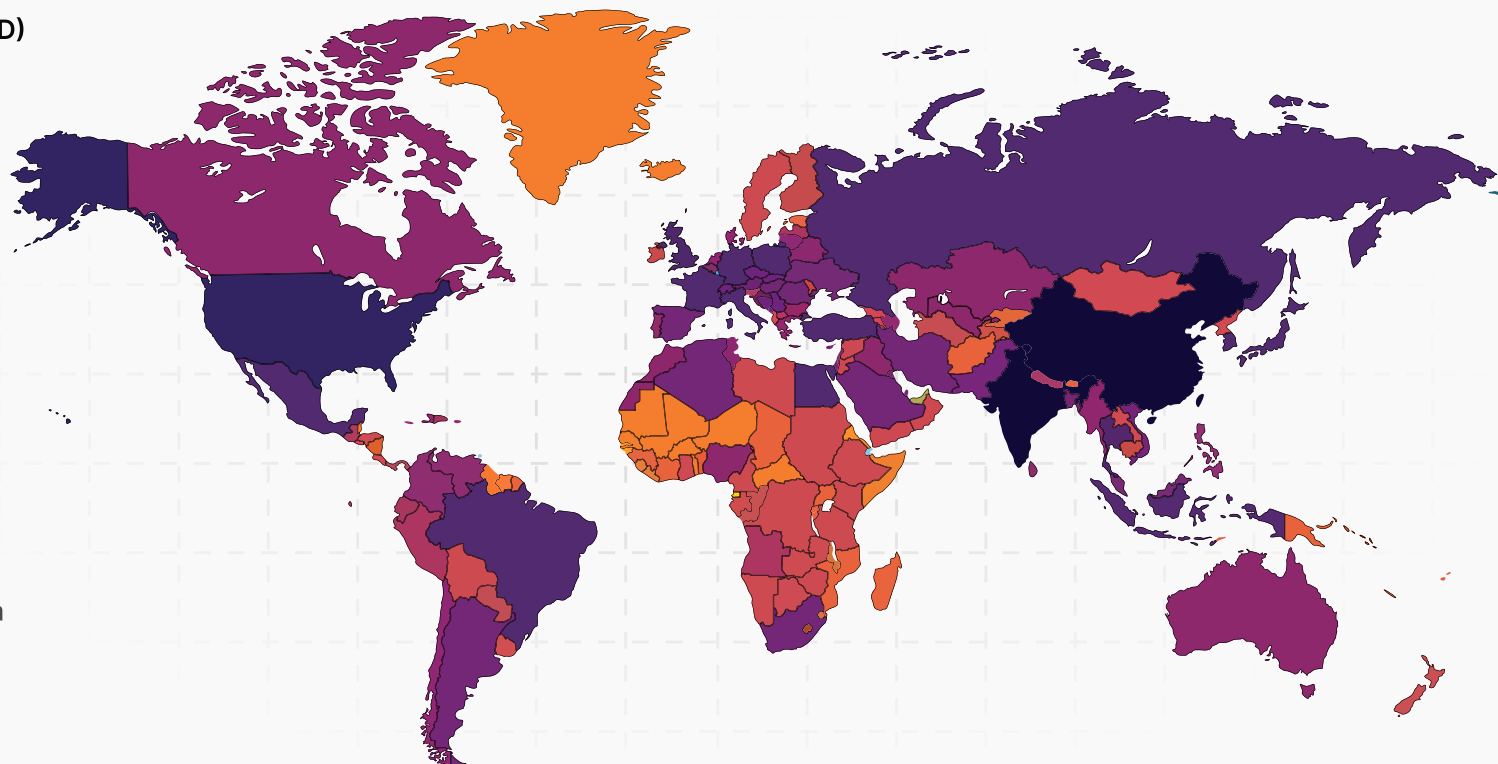
More than 90% of the world's population breathes air that exceeds WHO pollution thresholds.

Health Costs from Air Pollution (Million USD)



Global health costs of ambient PM_{2.5} from combustion sources: a modelling study supporting air pollution control strategies

Yin, Hao et al.
The Lancet Planetary Health,
Volume 8, Issue 7, e476-e488



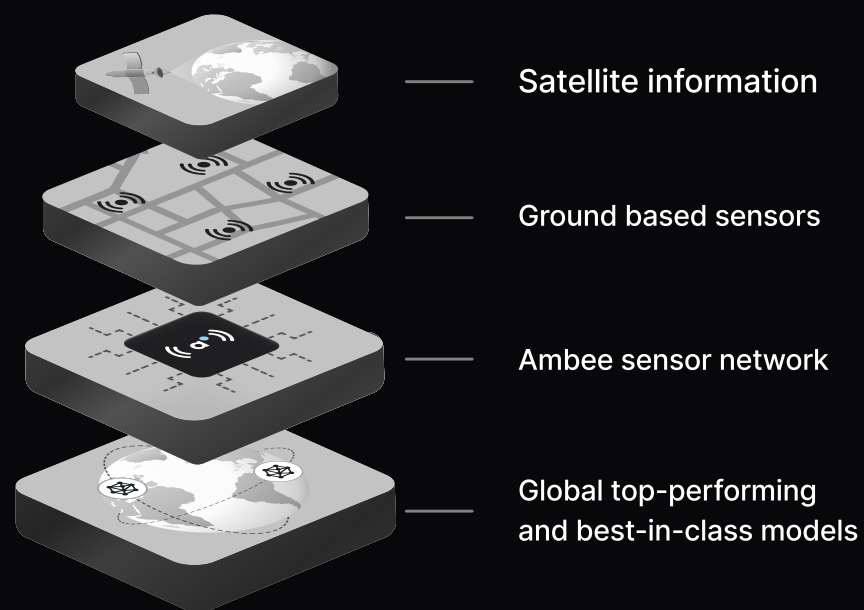
Closing the precision gap

Ambee's Air Quality data fills this void. Built from a globally distributed network of regulatory stations, satellite inputs from NOAA and ESA, and Ambee's proprietary sensor network, the data is cleaned, calibrated, and harmonized into an analytics grade global dataset spans 2010 to present with forecasts extending from hours to days.

The Ambee advantage

Ambee's air quality intelligence system unifies global regulatory monitoring, satellite feeds, proprietary sensors, and environmental models into a continuously calibrated, analytics-grade dataset.

Every datapoint is geographically segmented, elevation and error-corrected, with true anomalies preserved which would be error corrected by less capable systems might discard. The data is gap-filled and dynamically calibrated to maintain accuracy across any geography or time period.



Global coverage

Data for every point and time on Earth.



Exceptional accuracy

Validated with industry-leading R2 scores.



Seamless access

Available via APIs, marketplace.



In partnership with NASA PACE

Ambee is the only non-academic collaborator on NASA's PACE mission, integrating satellite-derived aerosol insights with proprietary ground data. This partnership strengthens the scientific foundation and global accuracy of Ambee's environmental datasets.

Applications across industries

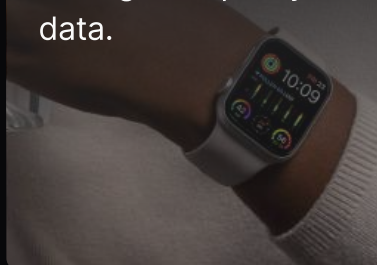
Pharma & healthcare

Forecast respiratory risk, personalize outreach.



Digital health & wearables

Guide behavior through air quality data.



Mobility & logistics

Enable clean air routes for fleets.



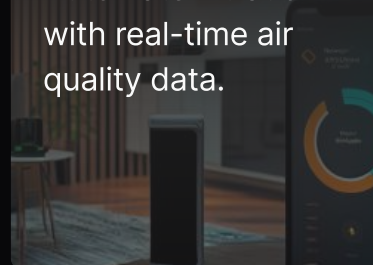
Advertising & personalization

Time campaigns to air quality events.



Consumer Devices & Smart Homes

Automate filtration with real-time air quality data.



"We monitor the impacts of AQ on the health outcomes of asthma and COPD patients. Ambee gives great access to hyperlocal data to help us monitor acute respiratory health events."

Luke Marshall - CEO and Founder of VitalFlo

Want to learn more?

Contact us at
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Visit our website
www.getambee.com

Reach out to us



Try the data in our API playground

