Google
Sustainability at Google
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Geo Product Partnerships
A view of our planet from Google Earth ©2020 Landsat/Copernicus

At Google, we feel a responsibility to lead the transition to a more sustainable future by making information accessible and driving innovation forward.

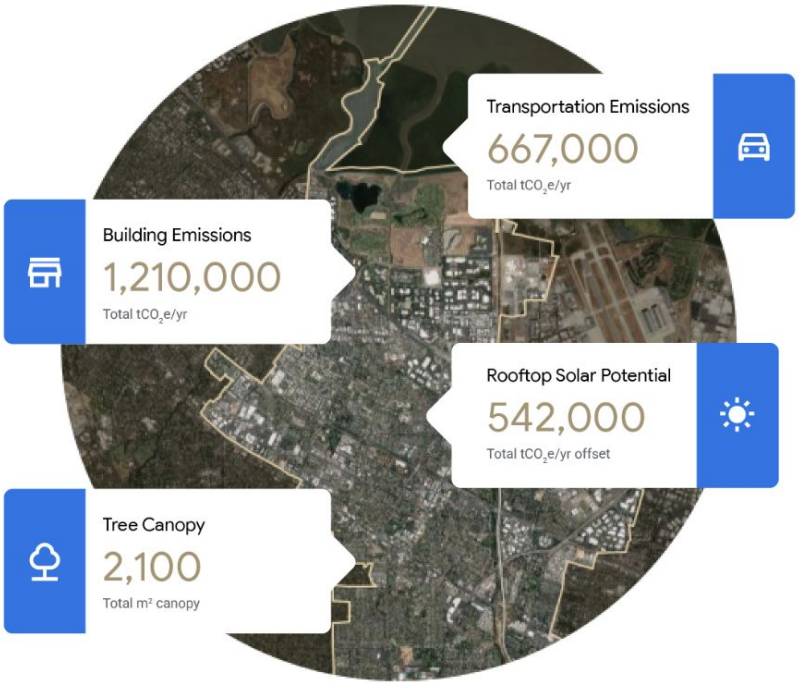
Environmental Insights Explorer

Providing accurate environmental insights to help cities make data-driven decisions.

Learn more and signup at:
https://insights.sustainability.google

Environmental Insights Explorer

- Transportation trends
- Tree Canopy
- Estimated solar energy production
- Building emissions



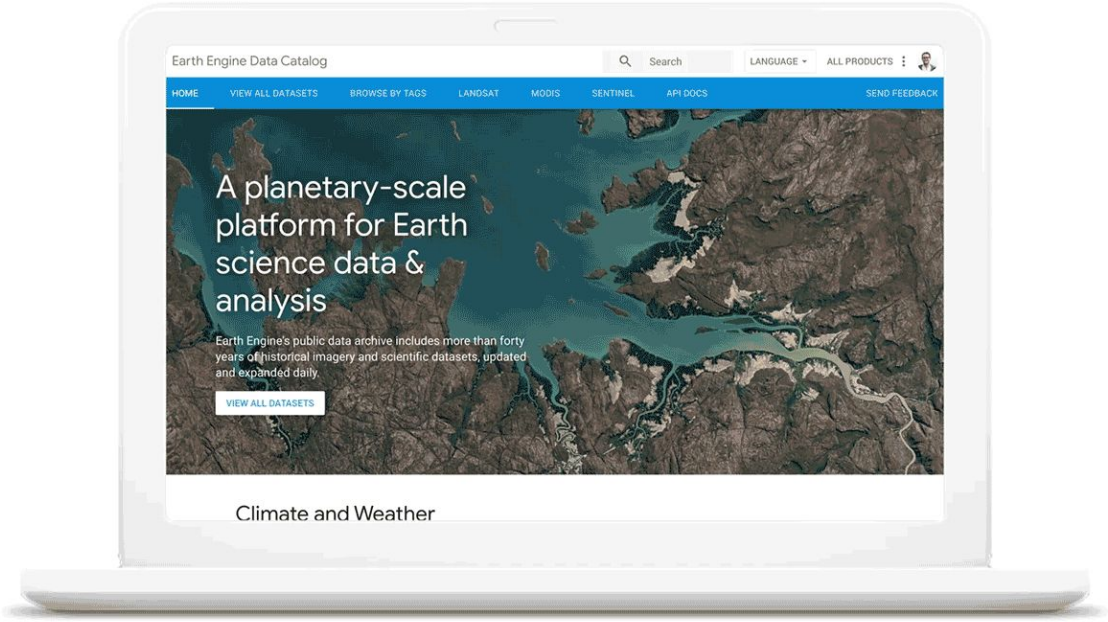
Google Earth Engine

80+ Petabytes
Growing daily

1 Petabyte
Monthly growth rate

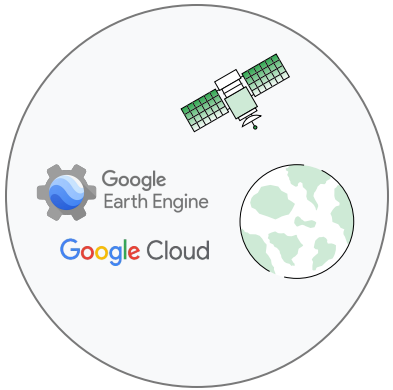
1,000+
Curated datasets

Continuously updated in near real-time



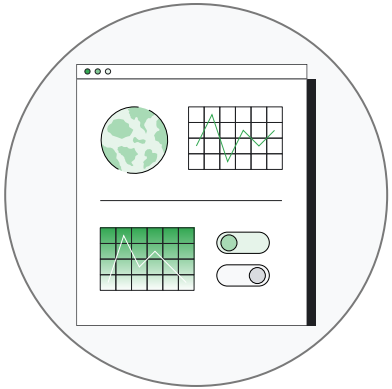
Learn more: developers.google.com/earth-engine/

Answering complex sustainability questions



Google Earth Engine aggregates and harmonizes planetary data from multiple sources including customer data

Users applies climate data science and machine learning turning pixels into insights



Deliver insights that can be analyzed, reported and visualized

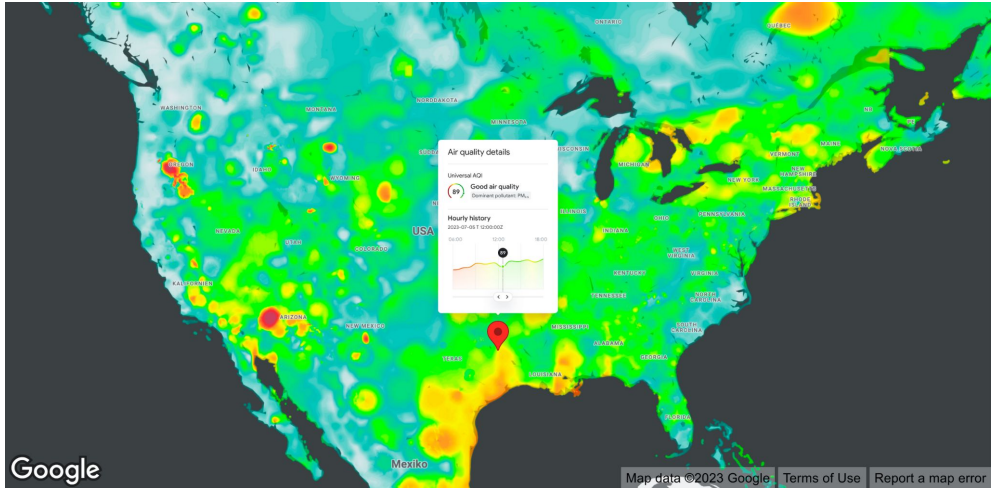
Flood forecasting

Accurate real-time flood forecasting and alerts

Wildfire Mapping

wildfire boundary tracker uses AI and satellite imagery to map large fires in close to real-time.

Reporting Air Quality



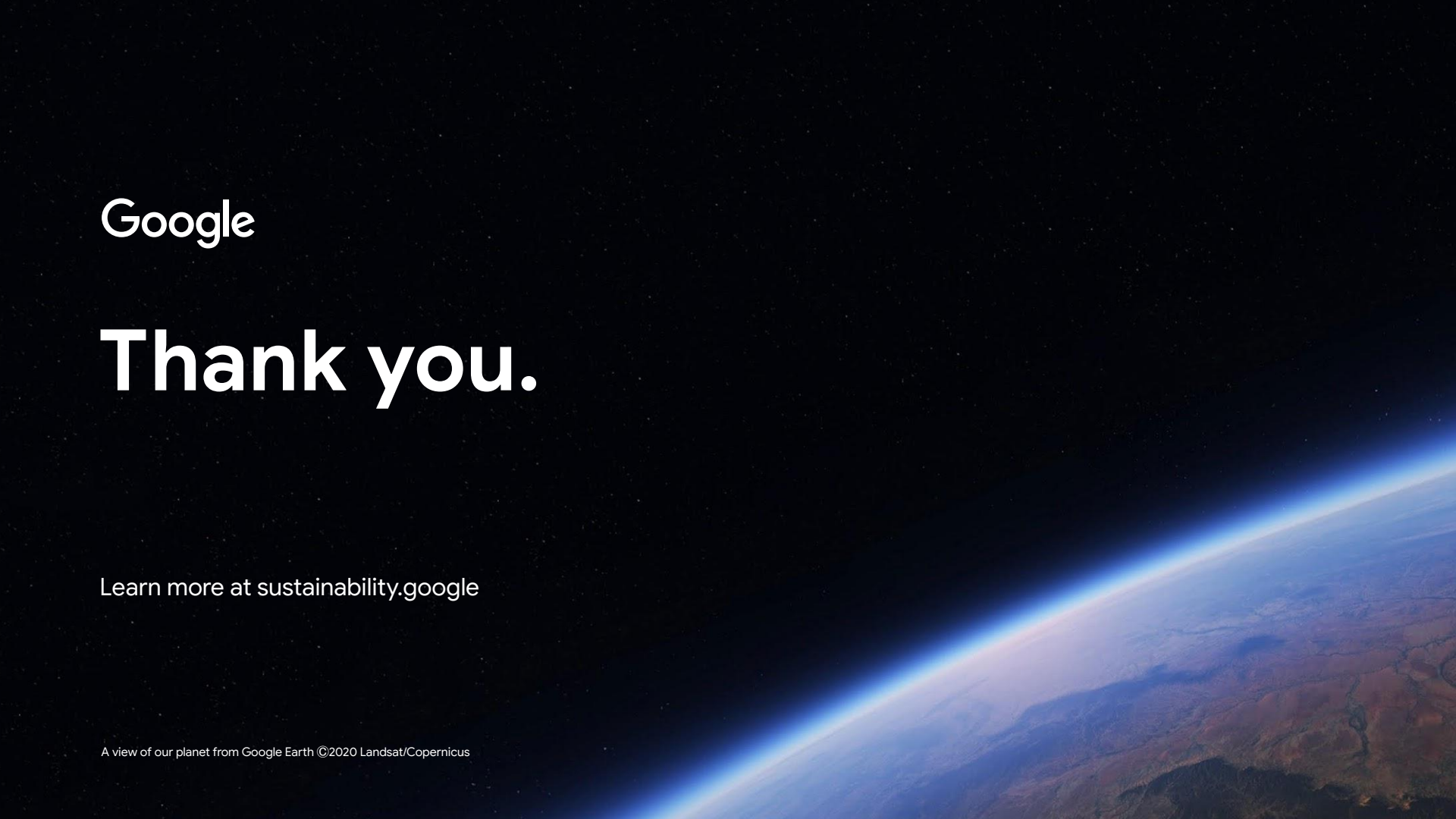
Actionable Recommendations
Hourly history
Pollutant details
Predictions [coming soon]

Learn more: [Google Maps Environment APIs]

Google

Thank you.

Learn more at sustainability.google



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