For Immediate Release

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SANTA CLARA COUNTY FIRESAFE COUNCIL AND AIR METRIX ENTER INTO STRATEGIC RESELLER PARTNERSHIP

AirMetrix's precision fuel measurement, vegetation monitoring, treatment effectiveness, and long-term vegetation impact solutions are now available through Santa Clara County FireSafe Council.

April 7, 2026, Saratoga, CA—Santa Clara County FireSafe Council (SCCFSC) announced today it has entered into a partnership with AirMetrix.io to resell their precision fuel measurement and vegetation monitoring solutions for fuel quantification, treatment measurement, and long-term impact monitoring.

AirMetrix's fuel measurement methodology was developed in partnership with Los Altos Hills County Fire District through multi-year programs and is currently deployed across 2 major fire breaks and 18 major evacuation routes throughout the district. This proven, field-tested approach now forms the foundation of the solutions available through Santa Clara County FireSafe Council.

AirMetrix measures what matters most to fuel management teams: vegetation surface area, standing volume, density and proximity to structures and infrastructure, vegetation health and vigor, and greenness and moisture content. These measurements provide the quantitative foundation for project planning, treatment prioritization, and long-term impact monitoring. AirMetrix enables fire districts, land managers, and communities to create more effective plans, treatments, and outcomes.

AirMetrix deploys drones and manned aircraft equipped with LiDAR, multispectral sensors, and topographic mapping technology to capture fine-scale vegetation data, turning raw aerial imagery into precise fuel measurements that land managers can act on.

According to Seth Schalet, CEO of Santa Clara County FireSafe Council, “We are focused on community level risk reduction, providing proactive wildfire risk assessment and mitigation planning to protect homes and communities in the Wildland Urban Interface (WUI) from increasing wildfire threats. By offering AirMetrix’s suite of cost-effective prevention solutions, Santa Clara County FireSafe Council is able to identify high-risk areas for targeted fuel reduction, maximizing prevention efforts while minimizing costs. Today, insurance compliance is essential for any homeowner to document. Helping our clients meet their insurance requirements with detailed defensible space documentation and comprehensive risk assessments is an essential value-added component of our service offerings.”

According to Jackson Ricketts, CEO and Co-Founder of AirMetrix, “We’ve been developing fuel measurement methodologies since 2020 because we believe what gets measured, gets managed. AirMetrix gives fire districts, land managers, and homeowners the ability to quantify hazardous fuels across evacuation routes, fire breaks, and defensible space—and track how conditions change over time. With Santa Clara County FireSafe Council bringing these tools to their community partners, data-driven wildfire prevention becomes the standard, not the exception.”

Santa Clara County FireSafe Council will now provide the full suite of AirMetrix solutions to enhance pre-mitigation analytics, visualization, and post-mitigation reporting for clients. Through this partnership, Santa Clara County FireSafe Council can now deliver the following AirMetrix fuel intelligence services to fire districts, land managers, and communities:

Fuel Measurement & Classification:

- HML (High, Medium, Low) Vegetation Classification
- Vegetation Health & Moisture Analysis
- Ladder Fuel Identification
- Individual Tree Segmentation
- Species Estimation & Identification

Analysis & Monitoring:

- Before & After Treatment Measurement
- Understory Density Analysis
- Topography & Slope Analysis
- Structure & Infrastructure Identification
- Defensible Space Measurements
- Community Wildfire Risk Assessments

Visualization & Integration:

- Web-based platform for team access to 2D/3D data and vegetation analysis outputs
- Integration with third-party GIS software including Esri, QGIS, and mobile mapping platforms
- Exportable datasets for reporting, compliance documentation, and grant deliverables

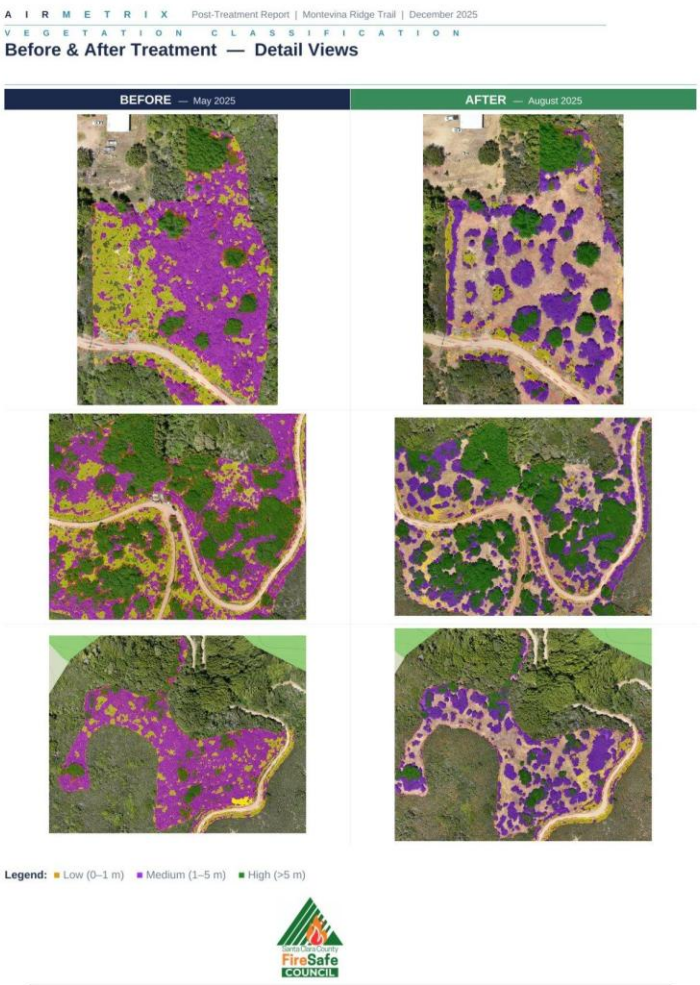
See below samples of Fuel Measurement and Classification, Analysis and Monitoring, and Visualization and Integration reporting capabilities.



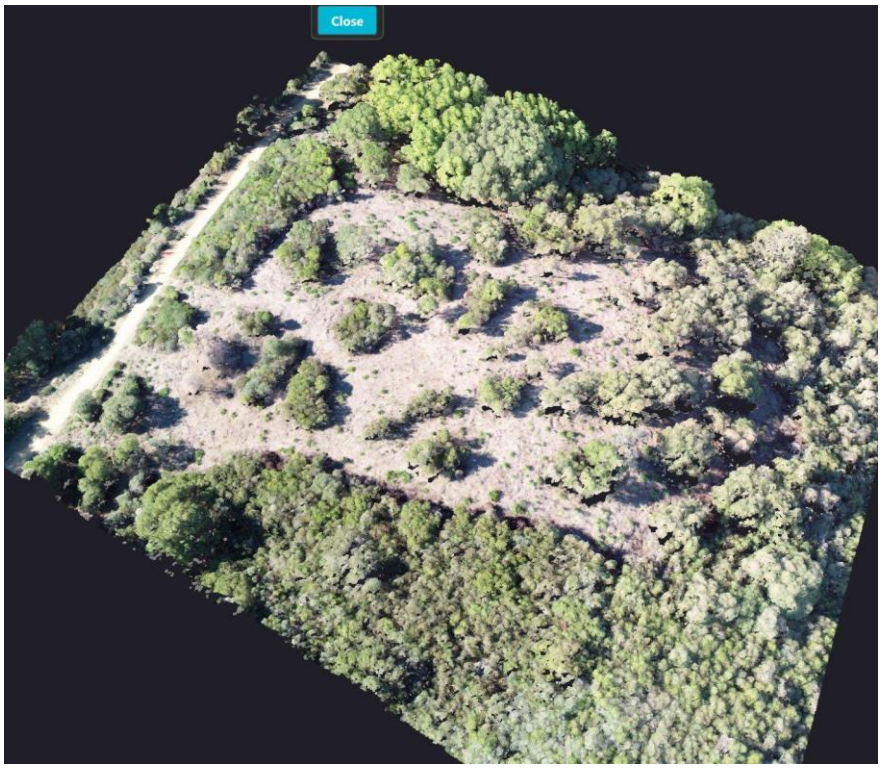
AirMetrix LiDAR cross-section of a high-vegetation area in the Wildland Urban Interface, showing vegetation structure, canopy heights, understory density, and ladder fuels.



Before and after treatment visual comparison from the Montevina Ridge Trail fuel reduction project, conducted in partnership with Santa Clara County FireSafe Council. Pre-treatment (May 2025) and post-treatment (August 2025).



HML (High, Medium, Low) vegetation classification detail views from the Montevina Ridge Trail project. Before treatment (left) and after treatment (right) showing measurable reduction in medium and low vegetation density.



3D point cloud model of a post-treatment fuel reduction zone, showing cleared defensible space surrounded by untreated vegetation. Used to measure and document treatment effectiveness.



The AirMetrix web platform displaying HML vegetation classification, ladder fuels analysis, road infrastructure, and project boundaries along an evacuation route.

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About Santa Clara County FireSafe Council:

As a 501(c)(3) nonprofit with a 20-year history, Santa Clara County FireSafe Council's core mission is to mobilize the people of Santa Clara County to protect their homes, communities, and environment from wildfires. A trusted partner across the government, fire service, corporate and WUI residential communities, SCCFSC has led some of the most complex hazardous fuel reduction projects in the region. With a board of directors and advisory board that has deep expertise across the wildfire ecosystem including wildfire and environmental research, academia, emergency management, regional planning, technology solutions and wildland firefighting leadership, Santa Clara County FireSafe Council is uniquely positioned to lead cross-sector collaborations and government-private partnerships in Silicon Valley, Santa Clara County and beyond. For more information, visit https://sccfiresafe.org/

About AirMetrix:

AirMetrix is a precision aerial intelligence company specializing in wildfire risk assessment, vegetation monitoring, and geospatial analytics. Using drone-based LiDAR, multispectral imagery, satellite data, and ground-sensor networks, AirMetrix delivers high-resolution mapping, fuel classification, and change detection for fire districts, municipalities, utilities, and land managers across Northern California. AirMetrix has developed proprietary fuel measurement methodologies used to quantify hazardous vegetation in evacuation routes, fire breaks, and defensible space zones. For more information, visit https://airmetrix.io

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