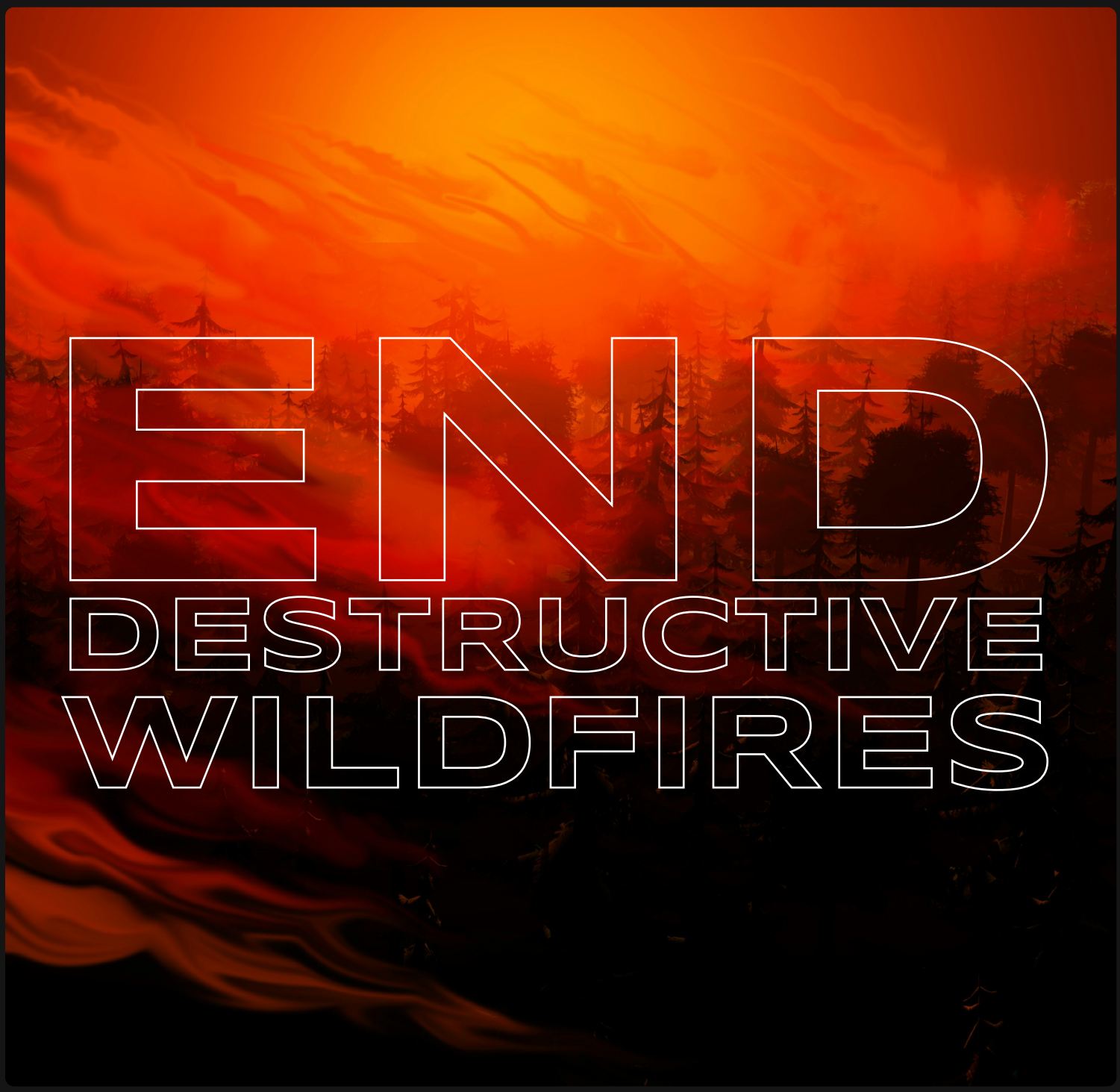
XPRIZE WILDFIRE | PG&E | GORDON AND BETTY MOORE FOUNDATION



FINALIST TEAMS BOOK 2026

AUTONOMOUS WILDFIRE RESPONSE

JAN 2026

THE BREAKTHROUGH TECHNOLOGIES AND INNOVATORS DRIVING PROGRESS IN XPRIZE WILDFIRE HAVE THE POTENTIAL TO TRANSFORM COMMUNITY PROTECTION, STRENGTHEN SUPPORT FOR FIRST RESPONDERS, AND BRING US TOGETHER IN SERVING OUR PLANET.

- Sumeet Singh | Chief Executive Officer and EVP, Energy Delivery
Pacific Gas and Electric Company

PRIZE OVERVIEW

Around the world, wildfires are increasing in intensity, frequency, and destruction, and innovation to detect and manage wildfire events has not kept pace with the mounting challenges. Often, wildfires start in hard-to-reach areas and are fueled by climate change-related extreme weather events, such as severe droughts, extreme winds, and heatwaves. As more people move into wildfire-prone areas, the risk of ignition and impacts on human life and infrastructure increase tremendously. Current detection and delivery of resources are often too slow, insufficiently coordinated, and not precise enough, leading to delayed responses and risk of wildfires becoming destructive.

XPRIZE Wildfire is a 4-year, $11M competition incentivizing the innovation of firefighting technologies that will end destructive wildfires so that humanity and beneficial wildfire can safely co-exist. The prize aims to transform current wildfire management approaches through the development of new technologies that can rapidly and accurately detect, characterize, and respond to wildfires before they become destructive.

The $5M Autonomous Wildfire Response Track will transform how fires are managed and fought. The winning team will have 10 minutes to autonomously detect and suppress a high-risk fire in a 1000 Km^2, environmentally challenging area, leaving any decoy fires untouched.

Additionally, the **$1M Lockheed Martin Accurate Detection & Intelligence Bonus Prize** will be awarded to one or more eligible teams participating in the Autonomous Wildfire Response track whose competition entries successfully demonstrate accurate, precise, and rapid detection.

These innovations seek a 4x gain in current best practices— shortening the time between detection and rapid response to inform management practices and minimize negative impacts.

Contact the XPRIZE Wildfire team at wildfire@xprize.org

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ACKNOWLEDGEMENTS

XPRIZE Wildfire is offered in partnership with Co-Title Sponsors Gordon and Betty Moore Foundation and Pacific Gas & Electric Company (PG&E), Presenting Sponsor Minderoo Foundation, Bonus Prize Sponsor Lockheed Martin, and Supporting Sponsors Conrad N. Hilton Foundation, Costa Navarino, American Family Insurance, Fairfax Financial, the Roddenberry Foundation, and individual benefactors.

Learn more about our Sponsors**.**

JUDGES

An esteemed, independent panel of judges—comprising wildland firefighters, technical experts, and wildfire researchers—evaluates team performance at each milestone of the competition. Selected through a rigorous vetting process, the judges bring deep expertise in areas like fire science, remote sensing, autonomous systems, and emergency response.

At every stage, they review materials and test results, scoring each solution against criteria defined in the Competition Guidelines and Rules & Regulations. They are tasked with identifying the most promising technologies to detect and suppress destructive wildfires—safely, quickly, and autonomously. Their decisions are final and grounded in fairness, scientific rigor, and real-world relevance.

Meet the Judging Panel**.**

ADVISORY BOARD

The XPRIZE Wildfire Advisory Board is a global group of experts spanning wildfire science, climate resilience, emergency management, Indigenous knowledge, conservation, and advanced technologies. These thought leaders play a critical role in shaping the prize, helping to guide and support the competition to ensure real-world relevance and impact.

Meet the Advisory Board**.**

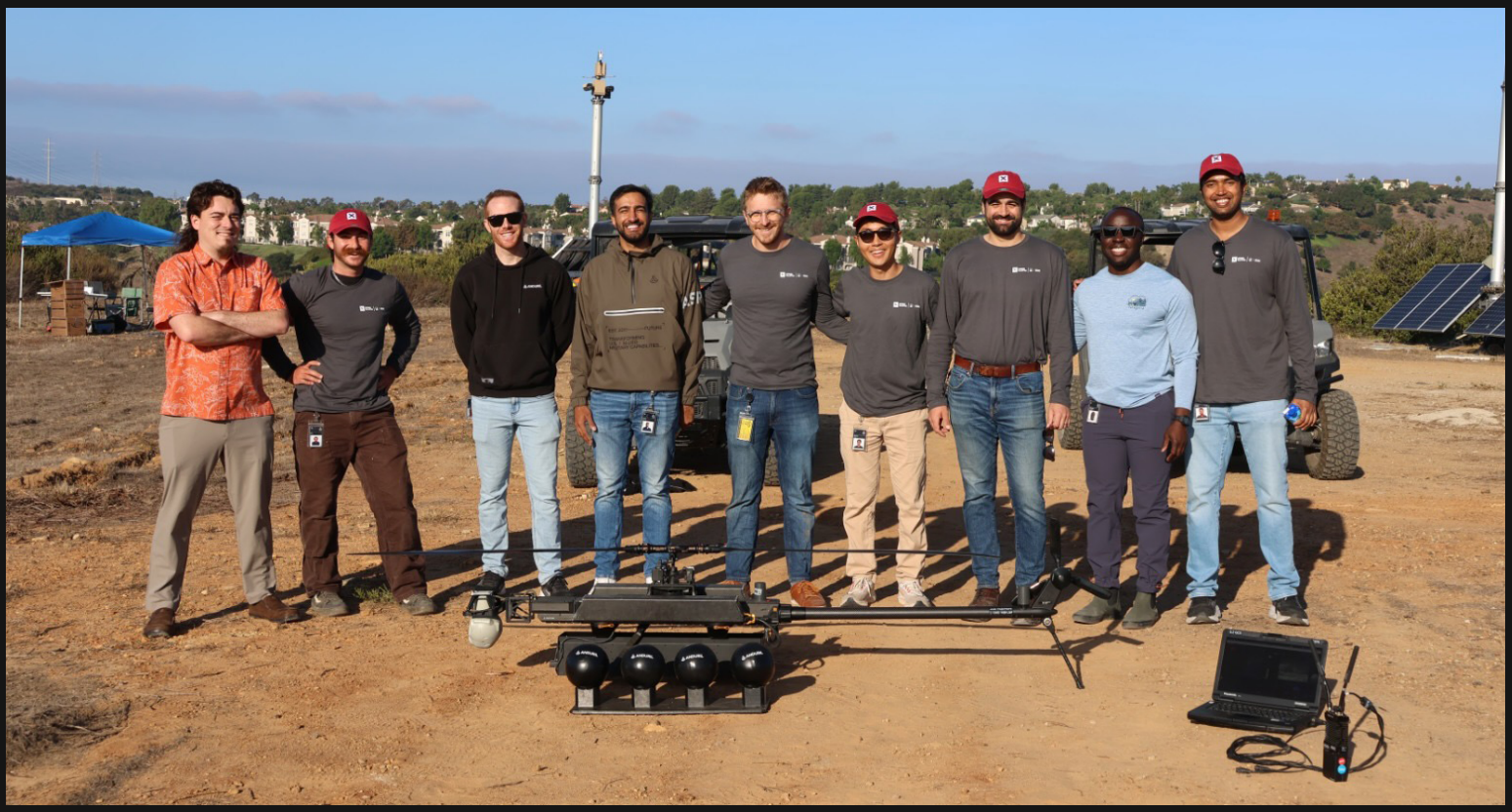
XPRIZE Wildfire would also like to offer special thanks to our partners, who have lent their invaluable expertise and support to XPRIZE Wildfire and the competing teams. Your generous guidance has made an incredible impact on XPRIZE and our mission, and we are deeply appreciative of your ongoing commitment to helping us end destructive wildfires.

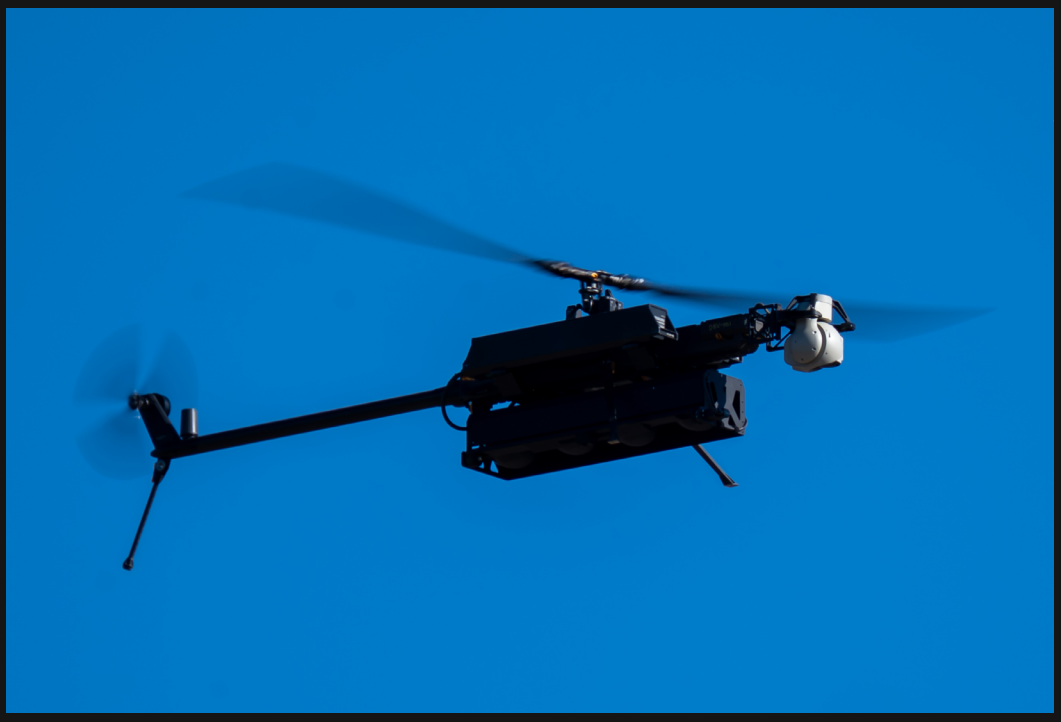
XPRIZE WILDFIRE | PG&E | GORDON AND BETTY MOORE FOUNDATION

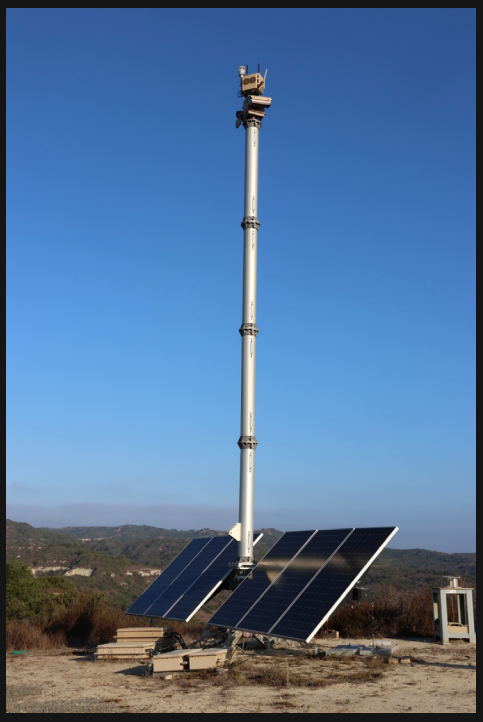
WILDFIRE FINALIST TEAMS

AUTONOMOUS WILDFIRE RESPONSE

JAN 2026







ANDURIL

AUTONOMOUS WILDFIRE RESPONSE

JAN 2026

COMPANY OVERVIEW

TEAM / COMPANY NAME
Anduril

LOCATION
Costa Mesa, CA, USA

FUNDRAISING DETAILS

CONSORTIUM
(Not Specified)

COMMERCIAL STAGE
Prototype System Verified

INVESTMENT STAGE
Series G

Deji Gbade-Alabi
dgalabi@anduril.com
anduril.com

ANDURIL

COMPANY DESCRIPTION

Anduril is a defense technology company founded in 2017, combining Silicon Valley talent with veteran experience to develop software-defined solutions for critical missions. With over 8,000 employees in offices worldwide, Anduril is at the forefront of designing software and hardware solutions that merge autonomy with commercial technologies. The company is dedicated to R&D, rapidly deploying AI/ML capabilities, and has established a track record of delivering integrated solutions in operational settings.

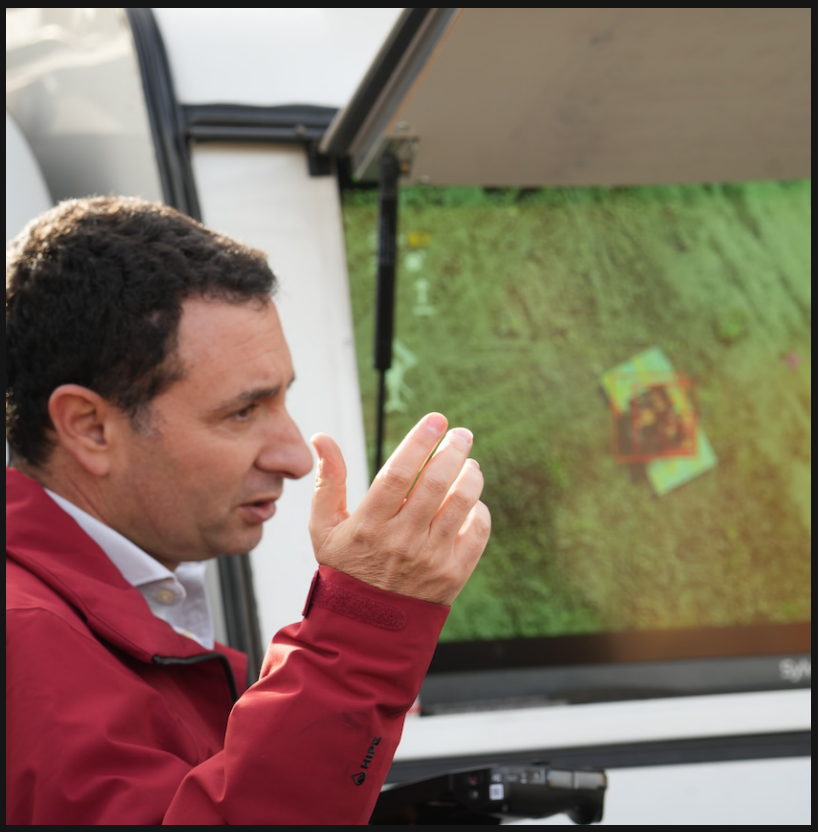
The Anduril team is focused on deploying the Lattice OS core—a platform harnessing sensor fusion and workflow automation. This group is adept in data-driven operations, MLOps, and secure computing, leveraging commercial tech against real-world challenges. Open to partnerships, Anduril aims to contribute Lattice OS to the XPRIZE Wildfire challenge, offering an AI-enabled, open platform that promotes rapid prototyping, prevents data lock-in, and facilitates third-party innovation for dynamic command and control solutions.

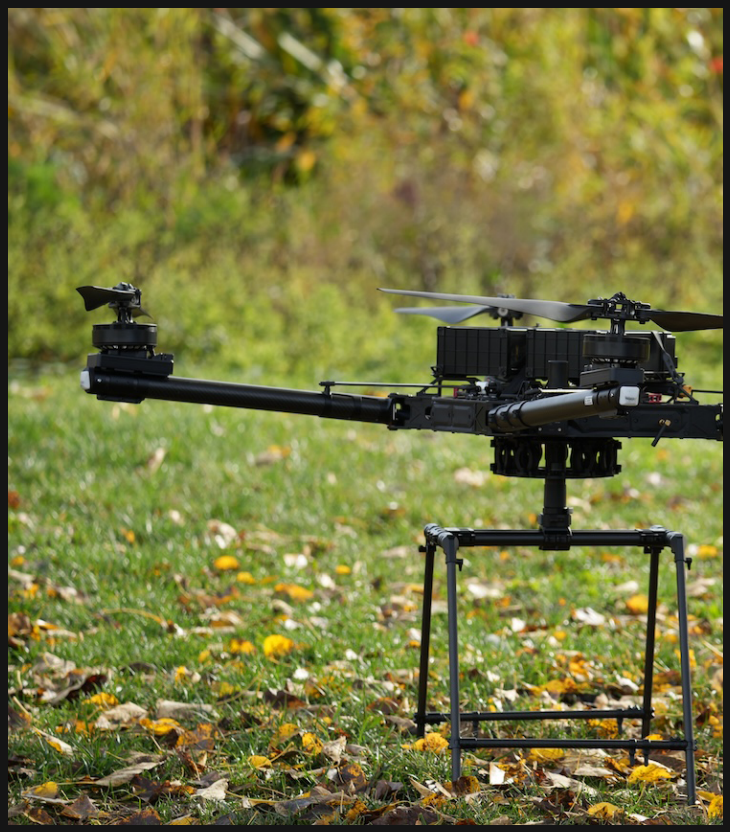
CORE INNOVATION

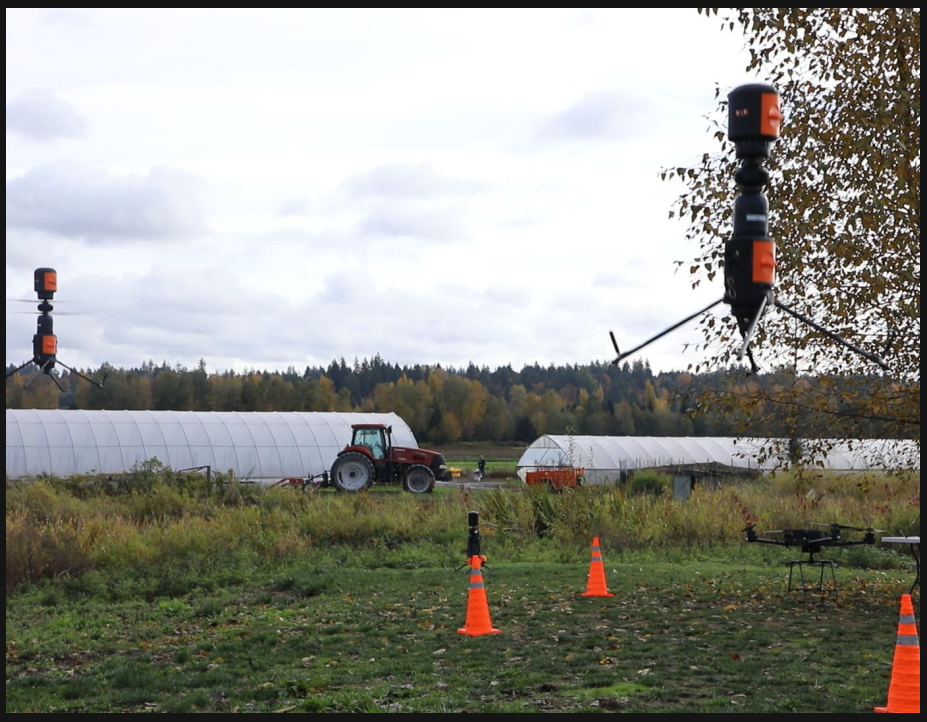
Anduril's solution integrates advanced AI and machine learning through a software-defined, hardware-enabled approach. The Lattice software platform uses advanced algorithms, machine learning, and computer vision to process real-time data from a network of integrated sensors and devices. This enables predictive modeling and automated wildfire response. Sentry Towers, equipped with state-of-the-art sensors and AI analytics, continuously monitor for early signs of wildfires and provide real-time alerts and precise location information. Ghost-X enhances detection and provides early suppression capability through aerial reconnaissance, delivering close-up situational awareness and reducing false positives. Lattice OS's open architecture promotes rapid prototyping, prevents vendor and data lock-in, and supports third-party innovation and enterprise-wide iteration.

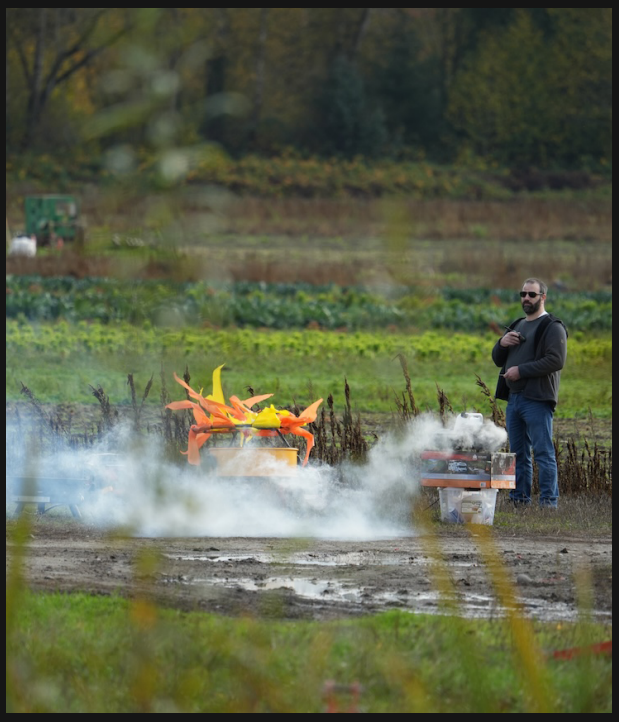
CORE TEAM MEMBERS

- Palmer Luckey: Founder of Anduril
- Deji Gbade-Alabi: Project Director
- Jackson Luce: Senior Manager, Mechanical Engineering
- Taha Shamshudin: Test and Evaluation Lead









DATA BLANKET

AUTONOMOUS WILDFIRE RESPONSE

JAN 2026

COMPANY OVERVIEW

TEAM / COMPANY NAME
Data Blanket

LOCATION
Bellevue, WA, USA

FUNDRAISING DETAILS

CONSORTIUM
Data Blanket

COMMERCIAL STAGE
Commercial Design

INVESTMENT STAGE
Pre-Seed

Yair Katz | COO
yair@datablanket.com
datablanket.com

DATA BLANKET

COMPANY DESCRIPTION

Data Blanket, headquartered in Bellevue, Washington, launched in October 2022. The team's core mission is to harness advanced AI and autonomous drone technology to support firefighters and first responders, providing real-time situational awareness and engagement over wildfires and other dangerous environments to save lives and protect communities.

Key milestones to date:

- Secured over $4 million in early funding, including backing from Bill Gates's Breakthrough Energy Ventures and Innovation Endeavors.
- Developed a fully autonomous drone swarm system ("Air Force-in-a-Box") equipped with thermal and RGB sensors, 5G/Wi-Fi communications, and AI-powered computer vision to detect fire, smoke, and people.
- Completed successful field deployments in Southern California, earning praise from fire chiefs for unmatched accuracy, robustness, and speed of deployment.
- FAA approved for beyond-visual-line-of-sight and unrestricted UAV operations, and one-to-many swarm operations, allowing a single part 107 operator to fly multi-drone swarms.

CORE INNOVATION

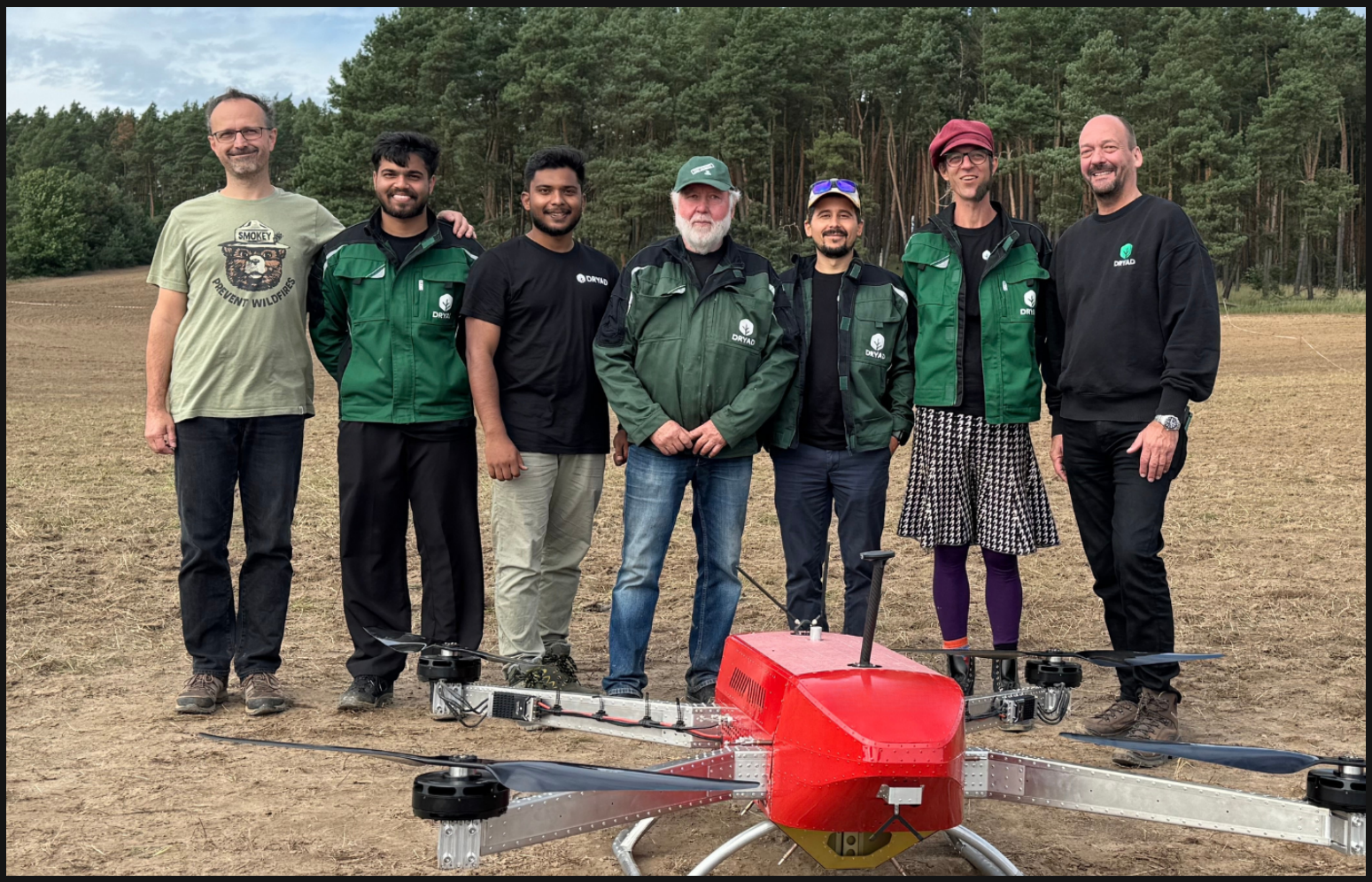
Data Blanket's unique value for XPRIZE Wildfire lies in its rapidly deployable, autonomous drone swarm system—available directly to Incident Commanders (IC) or prepositioned remotely in high-risk areas for immediate deployment upon fire detection or reporting. Unlike traditional, manual wildfire response reliant on delayed aerial and ground resources, Data Blanket offers real-time AI-powered, surveillance and precise suppression through an integrated, autonomous fleet.

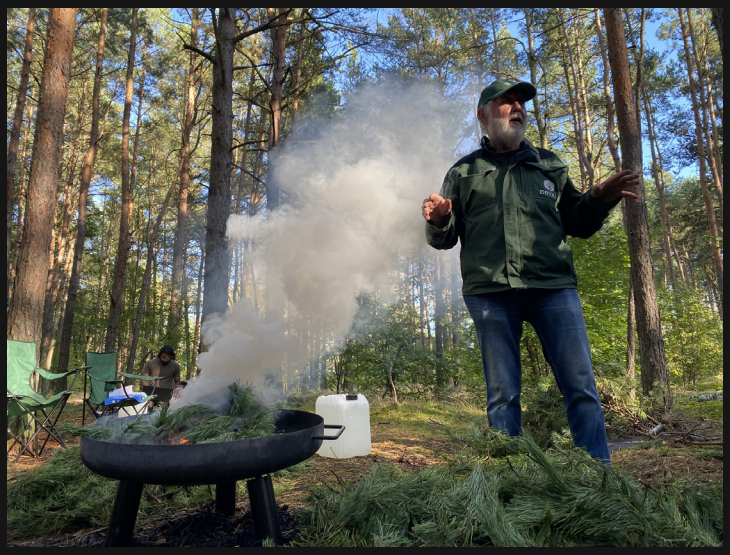
When fire is reported or autonomously detected, coordinated drone swarms launch instantly, swiftly identifying fire perimeters, accurately mapping the spread, and relaying actionable intelligence directly to the IC. Simultaneously, specialized suppression drones autonomously intervene with targeted precision, containing fires at the earliest possible stage, dramatically reducing escalation potential.

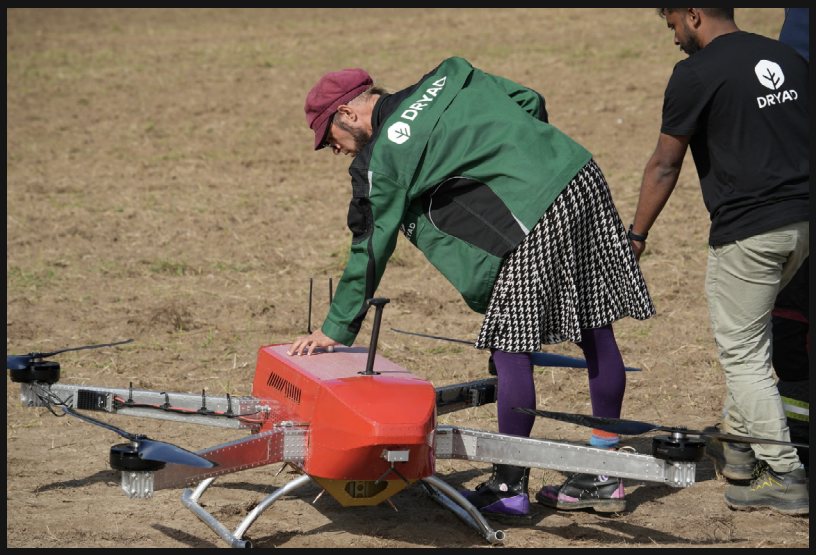
This approach significantly reduces response times, mitigates human risk, and limits environmental and economic damage. By providing responders with unparalleled earlystage situational awareness and immediate intervention capabilities—whether deployed on demand or strategically prepositioned—Data Blanket transforms wildfire response from reactive management into proactive, predictive mitigation, substantially outperforming conventional firefighting methods in terms of efficiency, safety, and scalability.

CORE TEAM MEMBERS

- Guy Zoler- PI: SW & Robotics integration. 20 years of experience in instrumentation and software engineering.
- Dr. Eyal Ofek: Leading Researcher in Computer Vision and Human Computer Interaction.
- Charles Droff: UI/UX lead. Over 15 years of experience as a code developer, designing and developing applications and user experience in different industries.
- Shay Ben-Avi: Lead Integration Eng. SW & HW integration and led strategic tech initiatives as a CTO and CIO in various companies.
- Paul Yollin: Swarm management & Algorithms lead. Automation SW and algorithms development in different industries.
- Yair Katz: COO & Program Manager. Army Intelligence Special Ops. strategic operations and intelligence.
- Omer Bar-Yohay: CEO. A serial entrepreneur previously founded and managed Eviation Aircraft, which developed the first all-electric commuter aircraft.
- Gur Kimchi: Chief Architect. Substantial roles at Microsoft and Amazon. Led the Amazon Air Prime drone delivery initiative to FAA certification.







DRYAD

AUTONOMOUS WILDFIRE RESPONSE

JAN 2026

COMPANY OVERVIEW

TEAM / COMPANY NAME
DRYAD

LOCATION
Eberswalde, Germany

FUNDRAISING DETAILS

CONSORTIUM
Dryan Networks GmbH

COMMERCIAL STAGE
UAV: Prototype System Verified; Sensors; Full Commercial Deployment

INVESTMENT STAGE
Series B

Pedro Silva
pedro@dryad.net
dryad.net

DRYAD

COMPANY DESCRIPTION

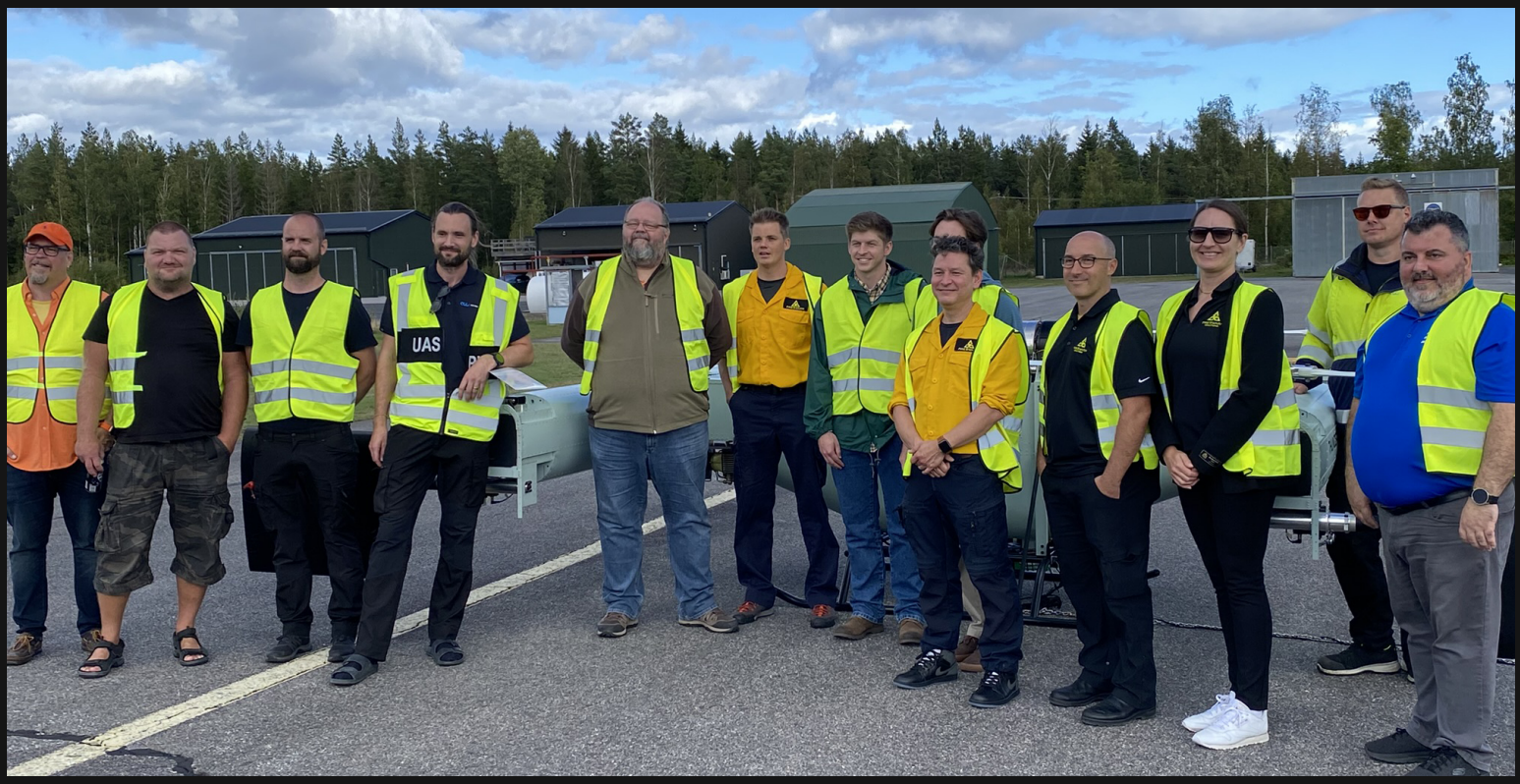
Dryad is an environmental IoT startup founded in 2020, based in Berlin. Its mission is to develop technologies that protect people, wildlife and infrastructure from destructive wildfires. The fully industrialized Dryad Silvanet system includes AI-enabled and solarpowered gas sensors to detect wildfires as early as the smouldering phase and relay data and alerts over a solar-powered mesh network infrastructure embedded in the forest. Paired with the already demonstrated Silvaguard reconnaissance UAV and suppression UAVs, Dryad offers a comprehensive solution aiming to detect, locate, and extinguish wildfires within minutes from ignition.

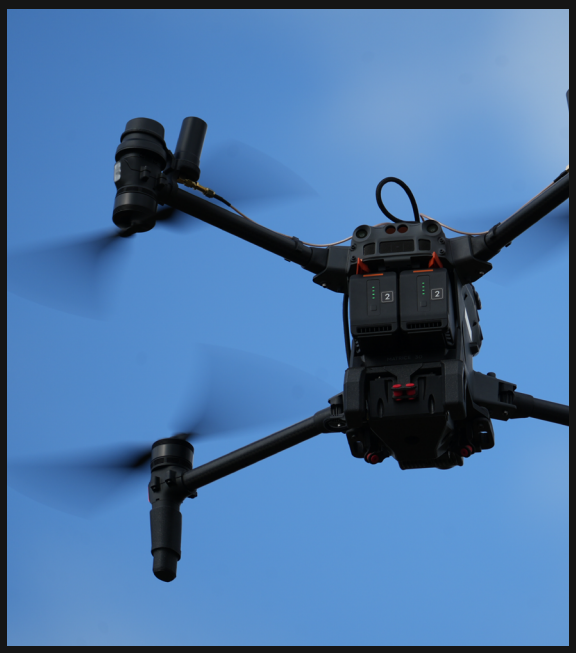
CORE INNOVATION

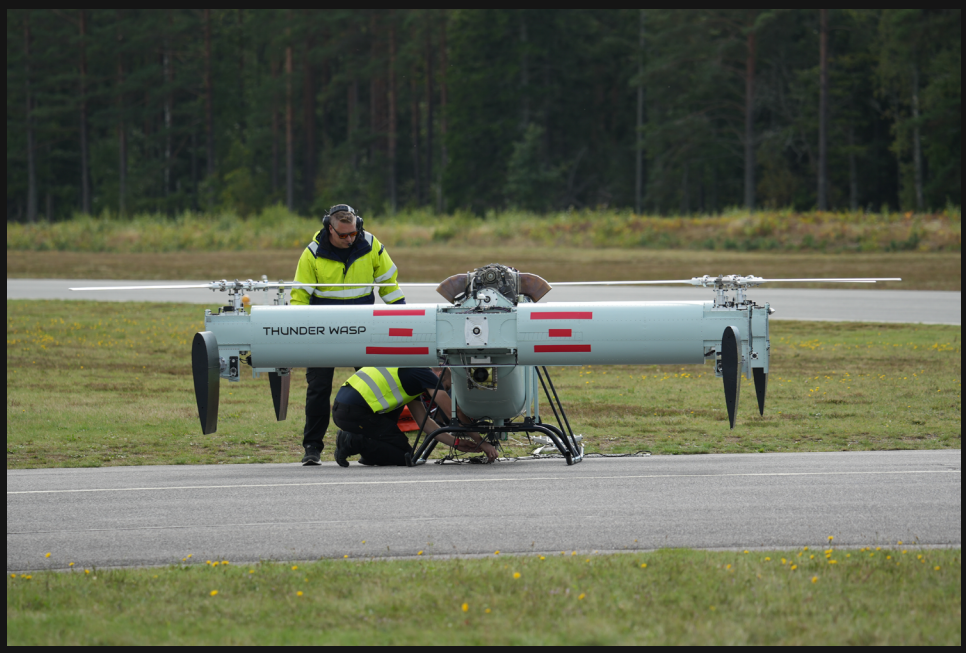
Silvanet is a large-scale, distributed sensor network designed for ultra-early wildfire detection and continuous health monitoring of forests, featuring a central analytics and alerting platform. The wireless sensors are solar-powered, detecting forest fires with embedded AI using gas sensors and measuring temperature, humidity and air pressure. Silvanet detects fires in minutes from ignition, as early as the smoldering phase. By providing such drastically improved reaction times, the response of the autonomous Silvaguard reconnaissance and suppression drones is quick and effective. The Silvaguard reconnaissance drone launches from its solar-powered hangar and precisely locates and confirms the fire detected by the Silvanet sensor system. In a final phase, the Silvaguard suppression drone is launched to drop a liquid payload on the fire before it spreads.

CORE TEAM MEMBERS

- Akhil Chandran: Research Engineer
- Benoit Vitoux: Head of Design
- Daniel Hollos: Embedded Software Lead
- Hannes Breul: Staff Software Engineer
- Jurgen Muller: Lead Researcher
- Martin Materne: Mechatronics Engineer
- Pedro Silva: CTO
- Wolfgang Pfnur: Lead Cloud Engineer







FIRESWARM SOLUTIONS

AUTONOMOUS WILDFIRE RESPONSE

JAN 2026

COMPANY OVERVIEW

TEAM / COMPANY NAME
Team FireSwarm Solutions

LOCATION
Squamish, BC, Canada

FUNDRAISING DETAILS

CONSORTIUM
ACC Innovations, ExoDrone, FireSwarm Solutions, Solaris Suborbital, Trident Sensing

COMMERCIAL STAGE
Integrated Pilot System Demonstrated

INVESTMENT STAGE
Seed

Lois Connor
loisc@fireswarmsolutions.com
fireswarmsolutions.com

COMPANY DESCRIPTION

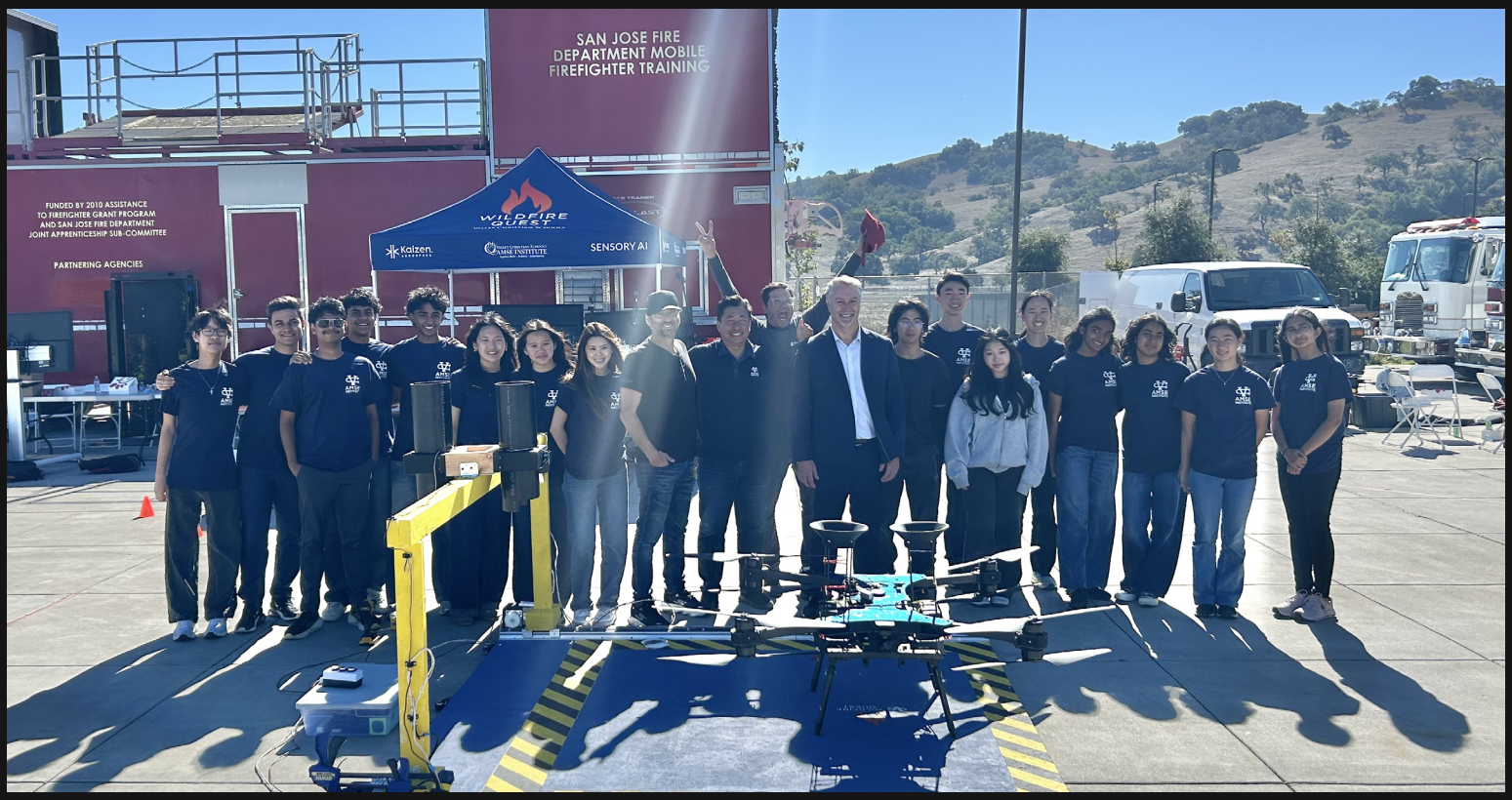
FireSwarm Solutions Inc. is extending the frontline of wildfire response to build a more resilient and adaptive firefighting ecosystem. We develop ultra-heavy-lift autonomous aerial systems capable of carrying up to 400 kg, combining advanced drone platforms with proprietary software, swarm coordination, and specialized hardware. Designed to integrate into existing operations, our systems enable rapid response to wildfires and disasters when traditional aircraft cannot operate, including at night and in low-visibility conditions. FireSwarm helps crews act faster, safer, and more effectively, while addressing critical gaps in wildfire response, prevention, and emergency logistics for governments, firefighting teams, forestry managers, First Nations, and private industry.

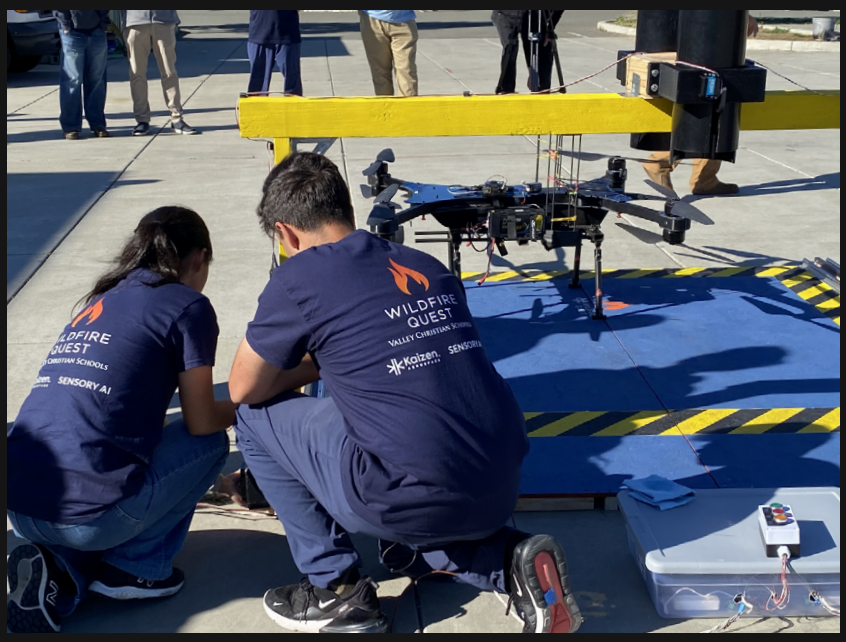
CORE INNOVATION

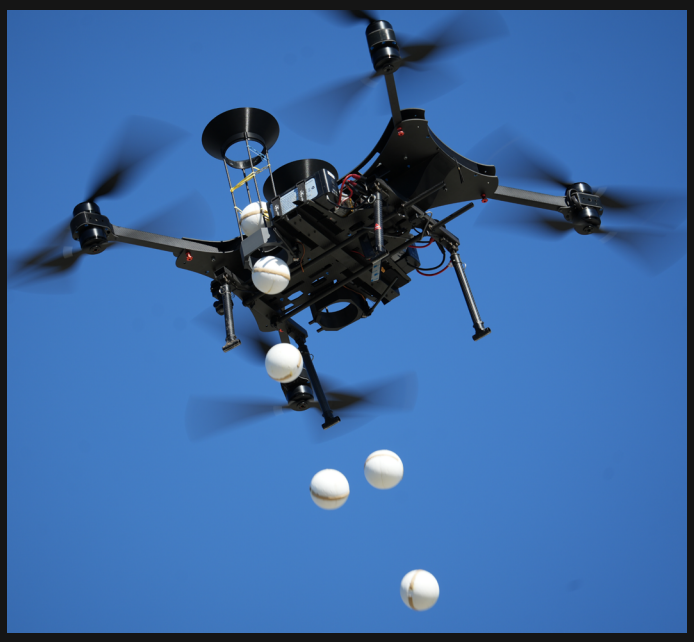
Team FireSwarm Solutions is building the wildfire defense system of the future - an autonomous, drone-agnostic aerial fire suppression platform designed to detect and extinguish fires, even at night and during low visibility, when it is too dangerous or difficult for a safe response. This first-of-its-kind, end-to-end system integrates all stages of aerial wildfire response: detection, localization, and direct suppression. Aerial firefighting water buckets, capable of releasing up to 90 gallons per drop, relentlessly deliver suppressant to extinguish incipient fires quickly and efficiently. A high-altitude long endurance (HALE) drone by Solaris Suborbital provides persistent wide-area detection and early warning using the Trident Tactical Fire Remote Sensing (TACFI-RS) infrared sensor suite, relaying alerts and cueing data to Exo Drone's high-speed overwatch platform for rapid characterization and precise fire localization. That localization is delivered to FireSwarm Solutions Inc's swarm technology, where proprietary algorithms generate navigation commands for ACC Innovation's ultra-heavy-lift ThunderWasp suppression drones. The same TACFI-RS payload can be deployed across Solaris, Exo Drone, and ThunderWasp platforms to maintain a consistent sensing and targeting chain from detection through suppression, enabling autonomous, coordinated suppression and fire line support missions based on real-time intelligence.

CORE TEAM MEMBERS

- Alex Deslauriers: Founder / CEO, FireSwarm Solutions
- David Thanh: Founder / COO, FireSwarm Solutions
- Melanie Bitner: Founder / CMO, FireSwarm Solutions
- Daniel Doulton: CEO, Solaris Suborbital
- Steve Pollard: CEO, Trident Sensing
- Jean-François Pominville: Executive Manager, Exo Drone
- Benoit Germain: Founder, Exo Drone
- Max Drougge and Claes Drougge: ACC Innovations
- Claes Drougge: ACC Innovations
- Chris Gillen: Business Development
- Russ Halliday: Head of Product
- Katherine Baer: Operations Coordinator
- Lois Connor: XPRIZE Project Manager
- Jacob Lagercrantz: Director, Technical Solutions
- Paul Buxton-Carr: Head of Wildfire Operations
- Christina Pattison, XPRIZE Program Manager
- Colin Pollard, Trident Sensing







WILDFIRE QUEST

AUTONOMOUS WILDFIRE RESPONSE

JAN 2026

COMPANY OVERVIEW

TEAM / COMPANY NAME
Wildfire Quest

LOCATION
San Jose, CA, USA

FUNDRAISING DETAILS

CONSORTIUM
Kaizen Aerospace, SensorRy AI, Valley Christian High School

COMMERCIAL STAGE
Prototype System Verified

INVESTMENT STAGE
Pre-Seed

Danny Kim
dkim@vcs.net
vcs.net/amse-xprize/wildfire

WILDFIRE QUEST

COMPANY DESCRIPTION

Based in the heart of Silicon Valley, Team Wildfire Quest is a student-led engineering team from Valley Christian High School (VCHS), working in close collaboration with technology partners SensoRy AI and Kaizen Aerospace™. United by a shared passion for solving the global challenge of wildfires, the team is dedicated to developing innovative, autonomous solutions that protect communities, ecosystems, and wildlife.

As one of seven VCHS teams to compete in an XPRIZE competition, Wildfire Quest is determined to build upon—and surpass—the legacy of previous teams, including Ocean Quest, winners of the $800,000 NOAA Bonus Prize and the youngest XPRIZE Finalists in history. Since its founding, Wildfire Quest has successfully developed a working prototype under the guidance of industry professionals, including team advisors, corporate partners, fire department chiefs, and subject-matter experts.

CORE INNOVATION

Wildfire Quest is revolutionizing wildfire response by delivering an autonomous and precision-driven modular system designed for accessibility and scalability. Developed in partnership with technology leaders SensoRy AI and Kaizen Aerospace™, the platform integrates advanced detection, navigation, and suppression capabilities to combat wildfires at their earliest and most critical stages.

SensoRy AI contributes its award-winning multi-sensor detectors, capable of identifying incipient wildfires from multiple kilometers away and reporting them within minutes. Leveraging patented edge-AI, sensor fusion enables simultaneous detection of multiple signatures of fire (flame, smoke and heat). A unique Thermofluids approach enables detecting fires even without line-of-sight, and instant communication of fire coordinates. SensoRy AI detectors have a small form-factor and create a wireless mesh sensor network enabling deployment in any terrain. With support from Orange County Fire Authority, this system has gone through numerous field tests with fires and deployed in Orange County.

Kaizen Aerospace™ brings proven expertise in heavy-lift autonomous drone technology, with aircraft capable of carrying payloads of up to 1,000 pounds. Powered by AI-driven mission navigation through its xNav™ system, Kaizen™ provides essential flight technology, system integration, and operational experience to support rapid, reliable aerial suppression for Wildfire Quest.

By incorporating machine learning, coordinated drone operations through QuestUTM, and an expandable foam suppression system, Wildfire Quest delivers a highly adaptive solution capable of detecting, responding to, and extinguishing wildfires with minimal human intervention.

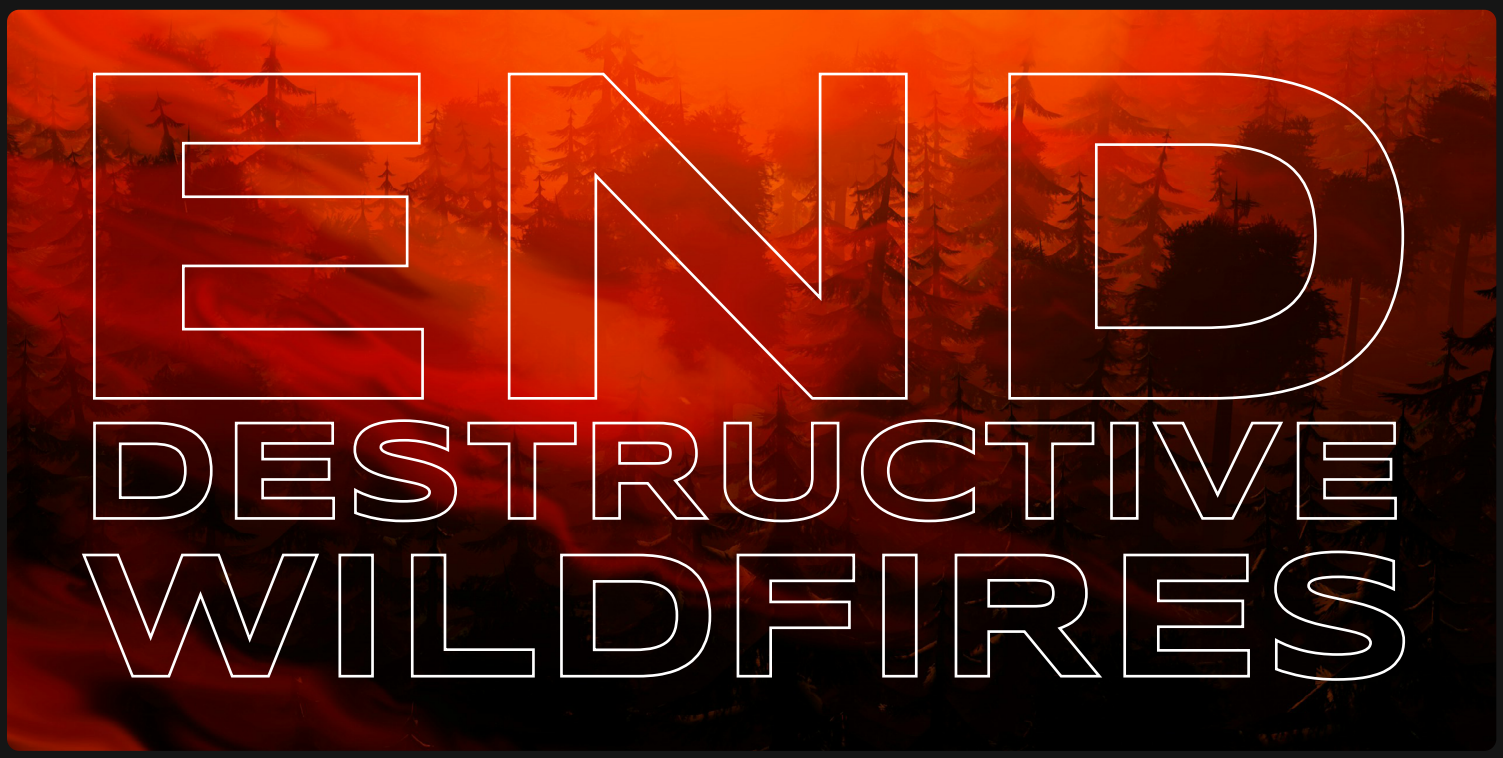
CORE TEAM MEMBERS

Valley Christian High School Core Student Team: Jaylyn Chong, Jacob Moses, Olivia Ahn, Felicia Guo, Yul Sung, Arissa Cao, Vishnu Parthasarathy, Dhriti Vaghela, Megha Arora, Nived Sudhakar, and Keshav Satagopan — with each student playing a critical role in the team's solution's development and execution. Alumni Advisors: Aarna Nair and Omkar Tasgaonkar. **VCS Educational/Technical Mentors:** Danny Kim, Stephen Huber, Emeka Okekeocha, Nathaniel Grady, and Chris Garcia, along with VCS R&D contractors: Bill Mania and Cory Duce. Jeff Barton, Fire & EMS Program Manager, South Bay Regional Public Safety Training Consortium, Stewart Roth, Director, South Bay Regional Training Fire Academy, Brad Cloutier, Battalion Chief, San Jose Fire Department

Kaizen Aerospace™: Ziv Marom, CEO; Maxim Eshkenazi, CTO; Sivansh Agrawal & Thejas Aradhya, Aerospace Engineers.

SensoRy AI: Ryan Honary, Founder, primary inventor and patent holder. Professor Pirouz Kavehpour, UCLA Mechanical & Aerospace Engineering Department, Science and Research Mentor. Captain Jeff Shelton, Wildfire Behavioral Specialist - Orange County Fire Authority, Advisor.

XPRIZE WILDFIRE | PG&E | GORDON AND BETTY MOORE FOUNDATION



ABOUT XPRIZE

XPRIZE is the recognized global leader in designing and executing large-scale competitions to solve humanity's greatest challenges. For over 30 years, our unique model has democratized crowd-sourced innovation and scientifically scalable solutions that accelerate a more equitable and abundant future. Donate, learn more, and co-architect a world of abundance with us at xprize.org.

Contact the XPRIZE Wildfire team at wildfire@xprize.org

Join the movement XPRIZE.org/wildfire