AEROKNITE

PITCH DECK

ABOUT US

Aeroknite provides UAV solutions to businesses by the development and implementation of new technological advancements. We also lower the barrier of entry businesses face around the use of UAVs.

ENVIRONMENTAL ——————— There has been a rapid increase of Wildfire frequency and intensity caused due to Global warming

CUSTOMERS ——————— There is a lack of an effective means of fire mitigation without putting firefighters at risk

MARKET GAP ——————— Traditional Fire-fighting methods are often reactive and limited in reach. The current wildfire data trends highlights a need of a proactive solution

COSTS ——————— Loss of property caused due to wildfires amount to $20 billion annually. There is a lack of an easily scalable solution to tackle larger wildfires.

PROBLEM

SOLUTION

AUTONOMOUS MITIGATION

Autonomous fire mitigation system using drones and AI powered software capable of predicting, detecting, analyzing and extinguishing sudden outdoor fire

ADVANCED SENSING

A wildfire management software which empowers fire-fighters by providing early detection, analysis, and drone deployment capabilities through an intuitive platform

SEAMLESS INTEGRATION

Our proprietary system allows for seamless integration with pre-existing fire-fighting infrastructure through designs adaptable to different form of deployment

EASY TO SCALE

Easily scalable solution, using drone swarms in cases of larger wildfire

PRODUCT OVERVIEW

FED — FIRE EXTINGUISHING DRONE

Hybrid heavy-lift drone with VTOL and long range flight capability

PRECISE CONTROL

Operates semi-autonomously to extinguish fire using solid-state extinguishing agents precisely deployed into the fire for quick suppression

AUTOMATIC RELOAD & SWARMING

During larger wildfires, drones automatically reload payload and operate in connected swarm to extend extinguishing capability

INTEGRATED SENSORS

Our cutting-edge system uses cumulative outputs from onboard sensors and satellite data for real-time wildfire analysis
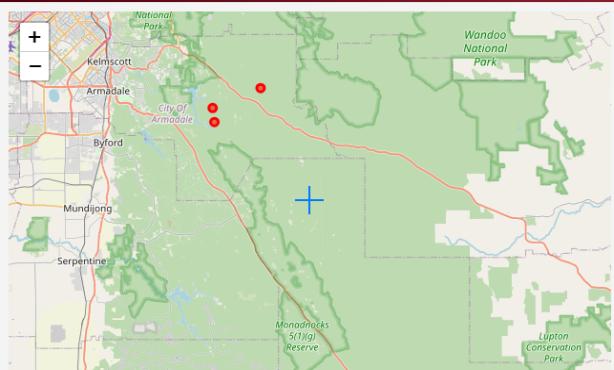
PRODUCT OVERVIEW

FIRESCAN-WILDFIRE MANAGEMENT PLATFORM

Firescan brings real-time fire detection, AI predictions, drone control and fire analysis together in one intuitive tools.

Available here: Firescan.app

AI-POWERED WILDFIRE PREDICTION

Firescan uses our propriety AI technology to provide essential tools for wildfire prediction, early detection, risk assessment and efficient resource allocation. All AI models are trained inhouse

DRONE DEPLOYMENT

Firescan provides an easy to use drone control interfaces for remote deployment and monitoring of Fire-extinguishing drone.

PRODUCT BENEFITS

Enhanced Fire mitigation effectiveness and capability

Improved Situational awareness through Real-time fire data

Proactive Fire mitigation

Seamless integration with pre-existing infrastructure

Improved safety for Firefighters

Enhanced Data gathering Capability

Quicker Response Time
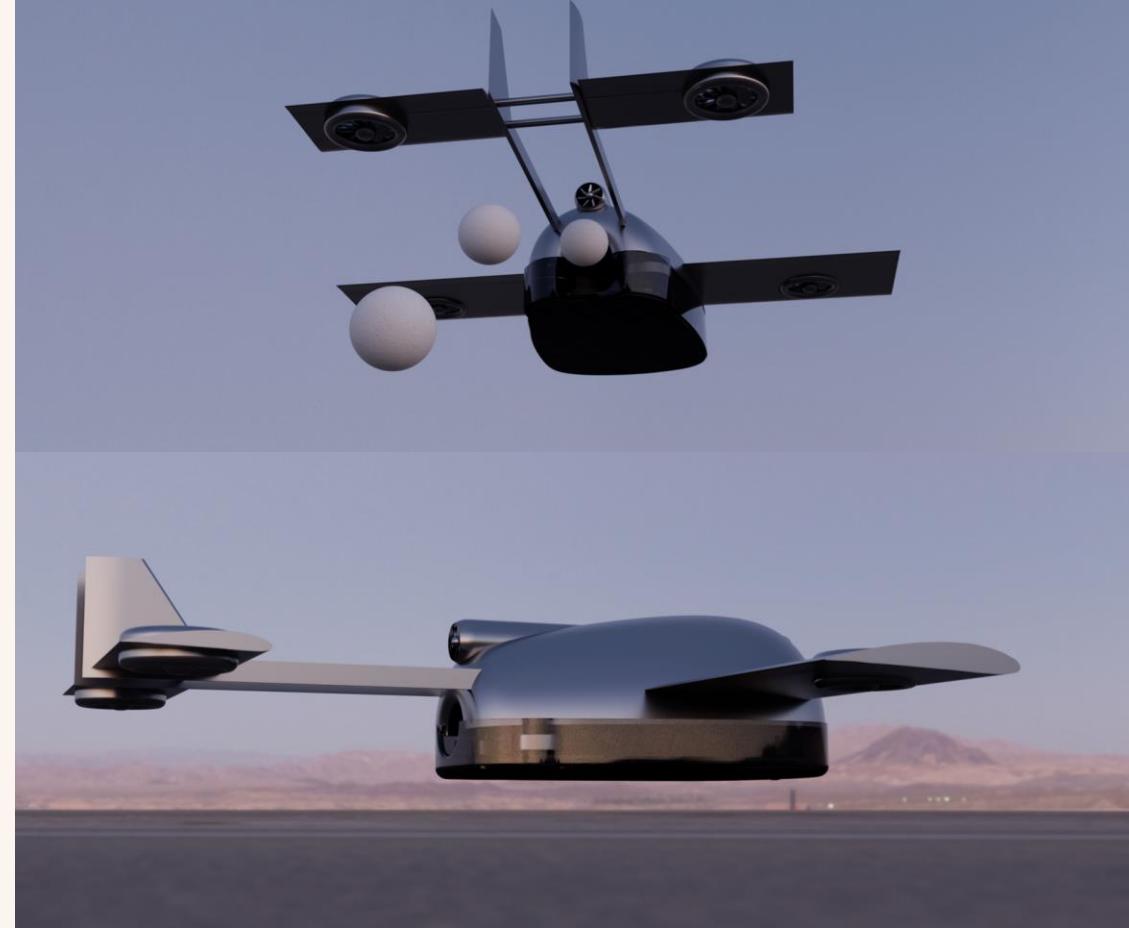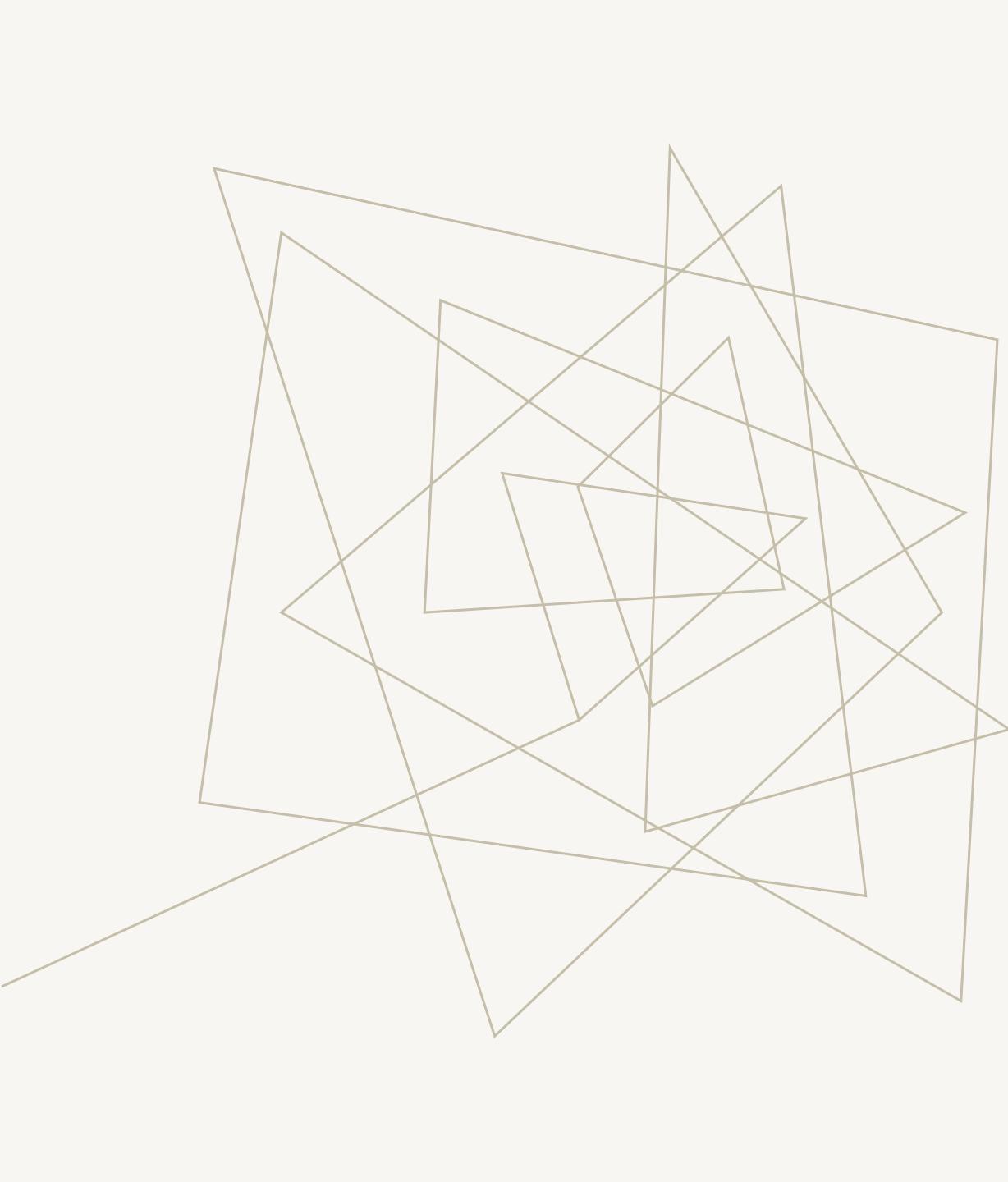
COMPANY OVERVIEW

BUSINESS MODEL

DIRECT DRONE SALES

Fire-extinguishing drones are sold directly to end users through the Aeroknite website and signed distributor agreements

FIRESCAN SOFTWARE SUBSCRIPTION

The Accompanying wildfire management tool follows a freemium model and advcaned features are provided to fire-fighters through an annual subscription

ENTERPRISE LICENSING

Aeroknite offers enterpirse licensing for larger Organizations and Governments. These provide custom agreements with broader usage rights and integration support

MARKET OVERVIEW

TOTAL ADRESSABLE MARKET (TAM)

$5 BILLION

Global market for fire-fighting drones and wildfire management solutions covering early detection, predictive analytics, and integrated emergency response systems

SERVICABLE ADRESSABLE MARKET (SAM)

$2 BILLION

Targeting sectors that invest in advanced digital solutions for wildfire mitigation and detection. Targeting high risk areas with immediate need to improve wildfire response and reduce risk

SERVICABLE OBTAINABLE MARKET(SOM)

$100 MILLION

Targeting Fire departments, Government agenices, private landowners and insurance companies for wildfire mitigation and risk assessment

OUR COMPETITION

AEROKNITE

Hardware + Software

Our fire mitigation system provides a complete solution which integrates both extinguishing hardware with advanced sensing software, improving its effectiveness

No fire solution on the market currently provides predictive risk analysis using AI, autonomous operation and drone deployment

Our drones are designed for seamless integration with pre-existing fire-fighting infrastructure

COMPETITORS

Hardware

EHANG
Product is expensive and has a limited range. Non effective in mitigating ground fire

GAIA DRONE
Manual controls and no accompanying software. Limited Range

IGNIS
Manual control with limited software. Ignites to prevent fire propagation. No Swarm.

Software

PANOAI
Camera based wildfire detection system with no mitigation infrastructure

COMPETITION MATRIX

	AEROKNITE	EHANG	GAIA DRONE	IGNIS
Automation	4	2	0	2
Scalability	5	0	1	4
Fire Extinguishing Effectiveness per payload	4	2	4	3
Wildfire management Software	5	0	0	0
Integration	4	0	1	3
Deployment speed and Response time	5	2	2	2
Total	27	6	8	14

TRACTION

FIRE-EXTINGUISHING DRONE:

- Signed LOI and partnership agreement with Fire department Executive (Uk, Saudi Arabia, Lebanon)
- 200+ Waitlist for FED
- Successful components test in simulated environment
- Manufacturing/supplier agreement
- Royal Academy of Engineering grant
- Tech Awards: Venture further, Prolific north: Innvovation of the year shortlist, TEF grant

FIRESCAN:

- Successful Fire department pilot
- Industry/community launch
- 180,000 requests processed
- +1700 Community Users
- Enterprise licensing meetings
- 10 Fire department signups

FUNDING ROADMAP

Raising: £700,000 - £1,000,000 equity

Pre-money Valuation: £2,000,000

APR 2026

The £700,000 raise will be allocated to:

• Scaling FireScan: Expansion into insurance companies for AI powered Fire risk

assessment

• Hiring: AI/ML engineer, UAV systems engineer, operations lead, sales & BD

• Regulatory & Compliance: CAA certifications, wildfire response integrations

• Manufacturing: Expand production of firefighting and hologram drone units

• Marketing & Commercial Pilots: stadium partnerships for OOH marketing, fire

department trials

• International Expansion Readiness: Focusing on high-risk wildfire regions

MEET THE TEAM

Yusuff Yusuff

Chief Executive Officer/CTO

Abdulkareem Azeez

Head of Business
development/COO

Micheal Ajijola

Enterprise Architect

Don Eungblut

Board Advisor
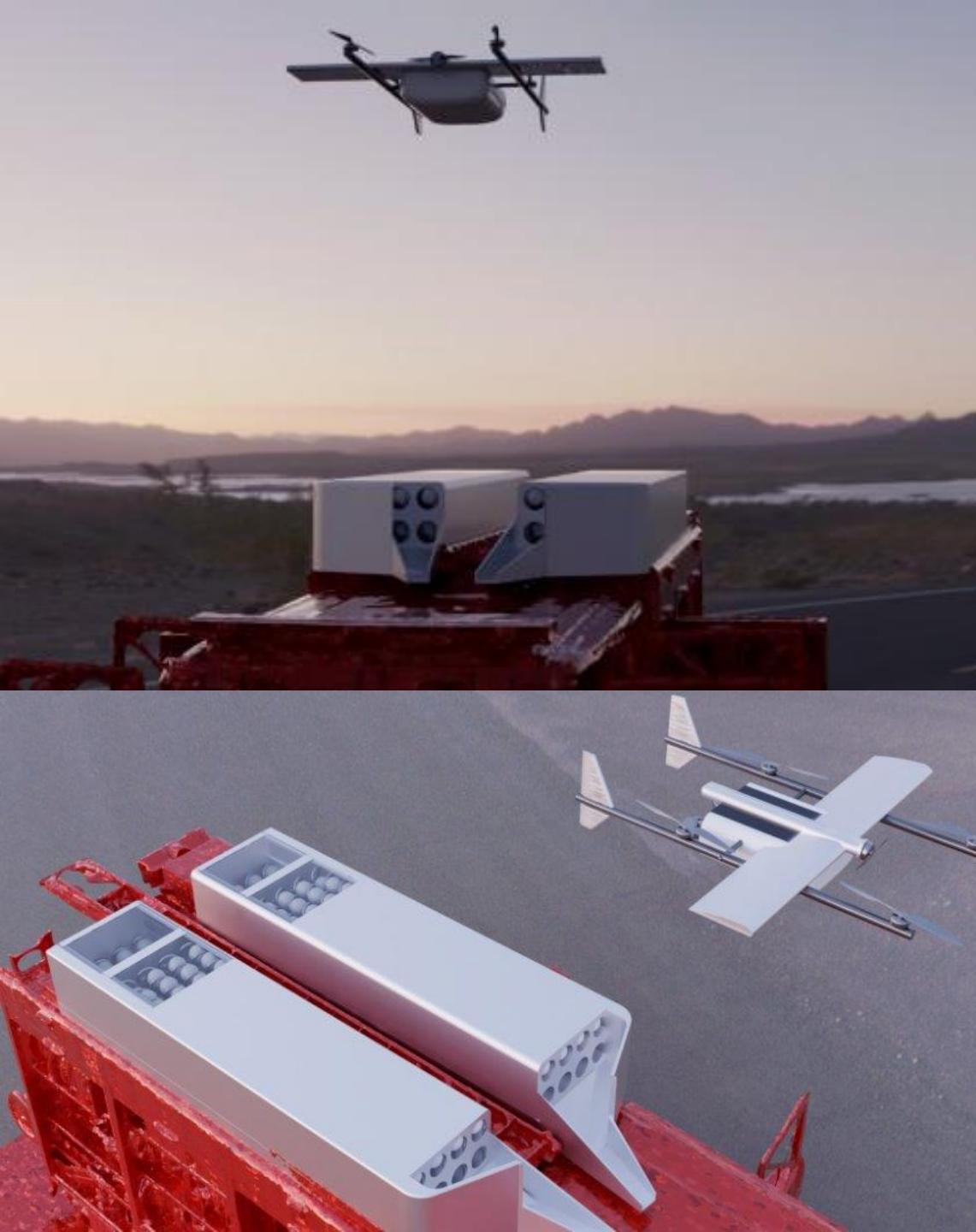
SUMMARY

At Aeroknite, we believe in using technology to improve lives. By using our next-generation hardware & software, we help organizations integrate advanced UAV technology into their pre-existing infrastructure. We thrive because of our market knowledge and a great team with a genuine passion for innovation.

THANK YOU

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