

Providing wildfire resiliency as-a-service

Our goal

The increasing intensity of wildfires worldwide is among the most devastating outcomes of global warming. The annual consequences of wildfires include the loss of hundreds of lives¹, destruction of tens of thousands of homes and millions of acres². The total cost of damages is estimated at trillions of dollars, causing insurance premiums to skyrocket^{3,4}. Moreover, wildfires annually emit ~3% of global CO2 emissions⁵. **FireDome** provides an accurate, timely and cost-effective solution to wildfires, disrupting the multi-billion dollar fire protection technology market⁶.

Our solution

Core to FireDome's approach is a mechanical-based launcher that swiftly deploys fire retardant capsules to specific locations. Triggered by computer vision-based sensing and assessment, our system analyzes fire threats, determines optimal capsule launch trajectories, and triggers launch sequences automatically to safeguard properties.

Our innovative wildfire defense system utilizes a two-tiered approach. First, the launcher rapidly deploys a protective barrier to block the direct path of encroaching wildfires. Second, the system actively and swiftly detects and extinguishes spot fires caused by airborne embers that bypass the primary barrier.

Our vision

Supported by visionary investors, leading VCs across 3 continents and guidance from one of the pioneers behind the Iron Dome, **FireDome is set to revolutionize wildfire resilience.** Our mission is to safeguard communities and protect what matters most – empowering property owners and community leaders to stand confidently against wildfire threats and reclaim their future.

¹ [Statista](#), 310 people were killed by wildfires (2023)

² [EPA](#), 10M acres were destroyed by wildfires (2020)

³ [State farm](#) back out from insuring areas in CA (2024)

⁴ [US Senate](#), \$400B-\$900B annually (2023)

⁵ [Phys.org](#), 1.3 GT of CO2 were emitted to the atmosphere (2023)

⁶ [The Business Research Company](#)