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**Komodo Fire  
Systems**



suppressant formula that can be easily applied to nearly any material.

- KOMODO is easy to use and provides exactly what first responders need to effectively combat the threat of today's destructive wildfires.



- KOMODO prevents fires from ever being born or structures from ever igniting with the simple application of our fire protection and prevention compound which is:

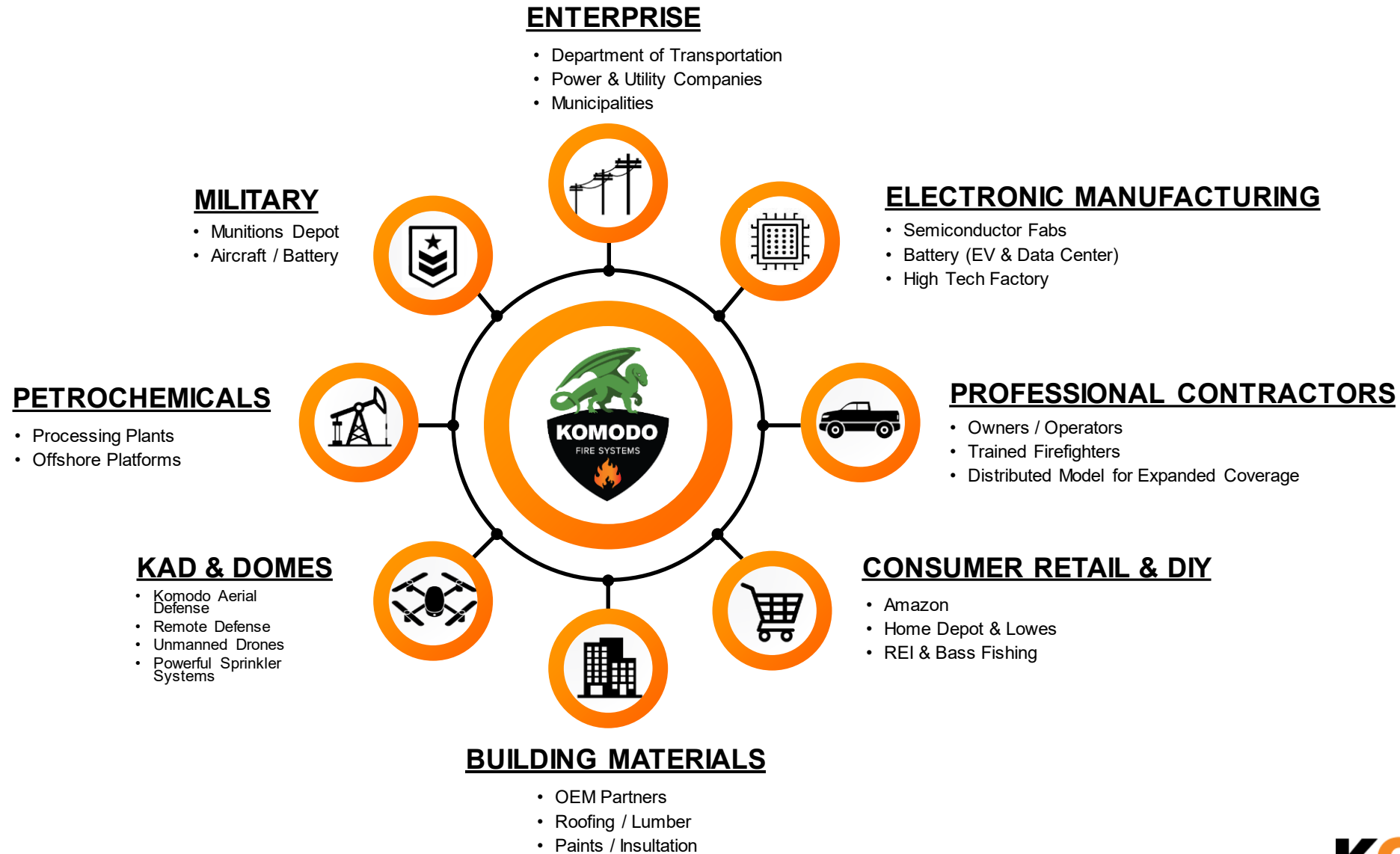
- **Wholly safe**
- **Non-toxic**
- **Non-hazardous**
- **Non-corrosive**
- **Biodegradable**
- **Water-soluble**
- **Environmentally friendly**



# Worldwide Fire Challenges

- **Utilities and power lines cause fires, and prevention is possible**
- **Commercial structures, homes & businesses need protection, and insurance coverage**
- **Urban, recreational camping, & personal home fire devastation increasing**
- **Military, Civil Defense & Law Enforcement still lack personal fire safety solutions**
- **Prescribed burns & perimeter shields need better resources**
- **Chemical and oil refinery fires persist uninterrupted**
- **Landfill & waste management need fire solutions that work**
- **Growing Data Centers that need protection**
- **The growth of EVs and devices that use lithium batteries grows yearly**
- **The need for replacement of harmful firefighting chemicals & agents, that are being phased out around the world, due to the harm caused to man and the environment**

# KOMODO Fire Protection Ecosystem



# Komodo Performance Montage

## Personal and Professional Protection Product

- <https://youtu.be/ZsuHR9BnJXE>

# Introducing KOMODO 911

## Personal Fire Emergency Response

- Safe, Fast Fire Suppression
- US Forestry, USDA Approved Technology
- Disposable, Low Cost, Personal Form Factor
- Launches in Q4 2023
- **Created for:**
  - ✓ **Household**
  - ✓ **Military, Medics & Law Enforcement**
  - ✓ **Recreational Campers**
  - ✓ **Automotive & Machine Shops**
  - ✓ **Restaurants**

# 911



Made in USA



# Personal Fire Safety Remains a Critical Need

Military & law enforcement still  
lack personal fire safety solutions



Urban, camping, & personal  
home fire devastation still lack the  
resources to prevent catastrophe



# Chemical and Oil Refinery Fires Persist

**“A chemical fire, explosion or toxic release occurs every two days in the U.S.”**  
*- the Coalition to Prevent Chemical Disasters*

## **Potential Environmental and Health Impact**

- Pollution from the fire plume, which can include benzene, ethylene, sulfur dioxide, and propane
- Contamination of waterways, soil, and groundwater from fire-fighting runoff
- Runoff can contain harmful dioxins, hydrocarbons, and ammonia.

**Economic loss from downtime and financial liability can devastate operations**



# Chemical and Oil Refinery Fires Persist

**VIDEO** OF Refinery Fire

[Refinery Fire.mp4](#)

# New Komodo Products – Dragon Dome

## KOMODO Dragon Dome – Mobile System for Home & Property

- Residential, Commercial, Military, and Critical Infrastructure Applications
- Initial Development with German Sub-Contractor in Progress
- Canon reaches 250 – 350 ft
- Target area protection approx. 4 acres

**NOTE:** These units are in high demand and must be pre-ordered



# Komodo Features

The only “Environmentally Benign” fire suppression tool on the market

- Water based concentrate that will not harm man, wildlife or the environment. Provides a “proactive” tool for fighting fires
- Komodo is 20x more effective than water alone
- Komodo works dry or wet-to-dry and can remain active for 4 months or more. Komodo needs to be reapplied when exposed to 6 inches of moisture. Komodo is 3 tools in one (retardant, control agent and suppression)
- Komodo is made from food grade ingredients. Clean up is with water and safe for disposal. Komodo will not denigrate assets or leave a hazardous clean up behind like other products on the market

# Komodo FireReady 911 firefighting tool



- Portable firefighting tool for “close quarter” needs.
- Can be utilized by small manufacturers (with storage facilities), Civil Defense agencies, farmers, homeowners, firefighting & police units
- Self-contained with 490 ft hose that can spray 200 feet. Has 150-gallon built-in capacity
- Protects area of 40K to 80K square feet
- 14 gallon per minute 580 psi pump included. (options for different flows available)

# Laszlo Corporation recommends the MXONE for fire suppression in multiple market applications

- The product can be used mobile (on a trailer or skid) or fixed at ground level or mounted on a raised platform
- Large operating range of 360° rotation and throw range of, up to 262 ft. flowing 1057 gpm
- The water-mist feature provides suppression, cooling, and vapor mitigation as well as the ability to suppress fires in dense applications
- Operates in environments from -5degF to 131degF and can utilize various types of water supplies with operating pressures ranging from 52psi to 252psi

## Market Applications



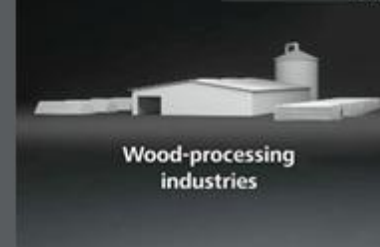
Airports / hangars



Recycling companies



Chemical plants /  
refineries



Wood-processing  
industries



Substations /  
transformers

The MXOne expands the abilities of response teams to address hazards in any facility that uses traditional firewater systems or monitors.

MXONE on a trailer for mobile firefighting needs. Can be configured to meet customer's requirements

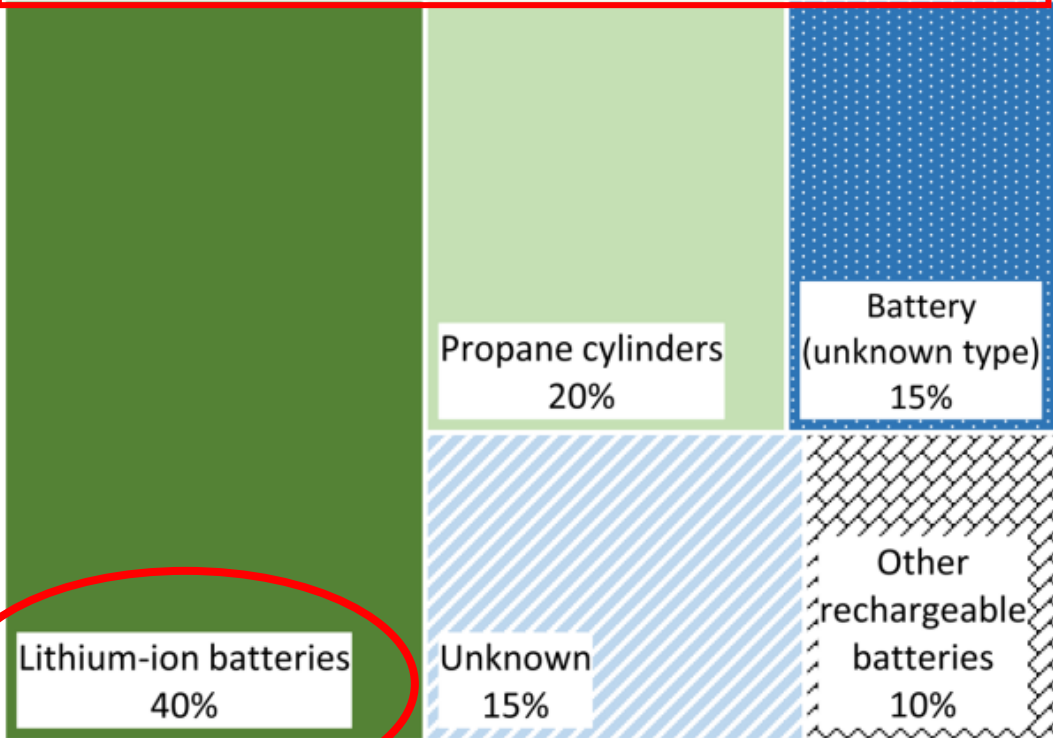




# Landfill & Waste Management need Fire Solutions

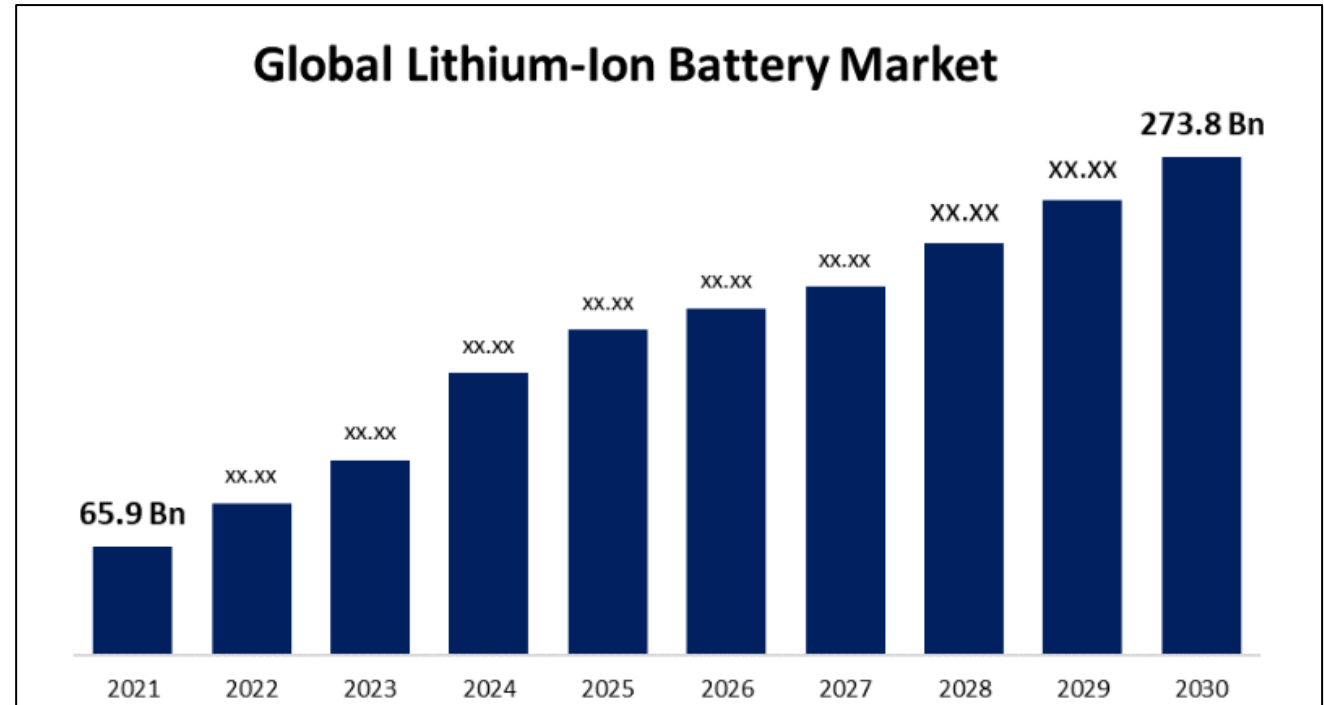
In 2030, there will be **over 3X** more **Lithium-Ion Batteries**

Sources of Fires at Waste Management Facilities



2018

Global Lithium-Ion Battery Market





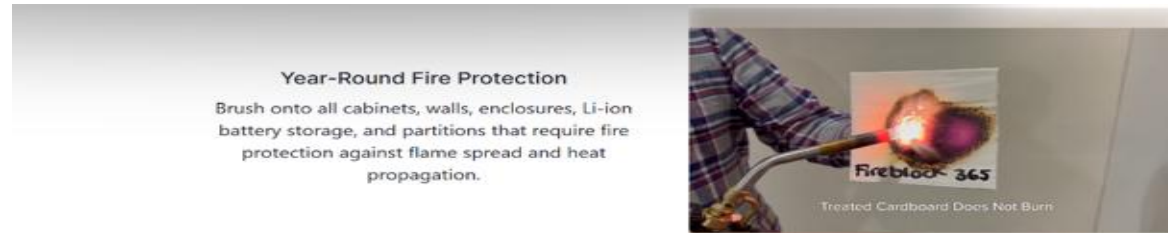
# New KOMODO Products – Paints

## KOMODO Paint & Primer – Structural Paint & Coatings

- Structural paint and coatings have continuous demand here in the USA and worldwide
- We have identified technology partners with proven product portfolios
- Launch in e-Commerce via Amazon and Shopify in Q2 of 2023
- WUI clients with structures and permanent paint requirements
- US Navy and related Military applications
- Semiconductor and high fire hazard zones
- EV market utilizing lithium-ion technology
- Oil/Gas/Chemical markets with production and storage facilities located in harsh environments

# Komodo Next Generation Products

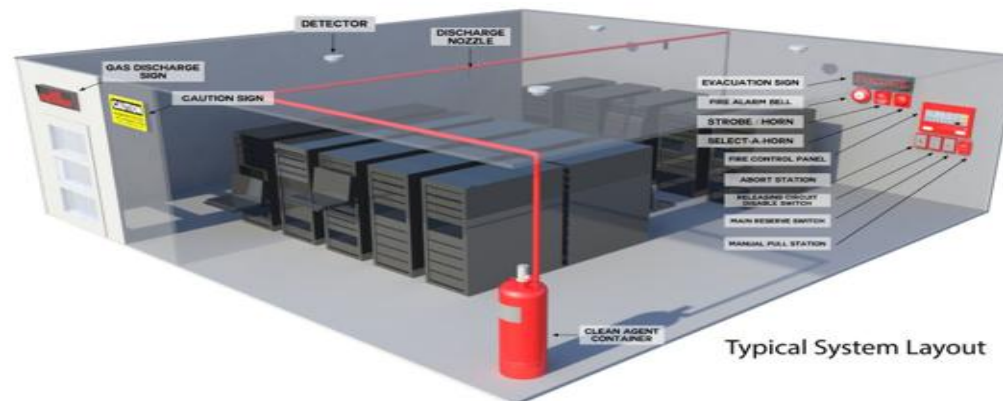
## Fire Suppression technology that is available today



Komodo Fire Block 365 paint has been certified by the Taiwanese Policy Agency for use in data centers and automotive battery storage units

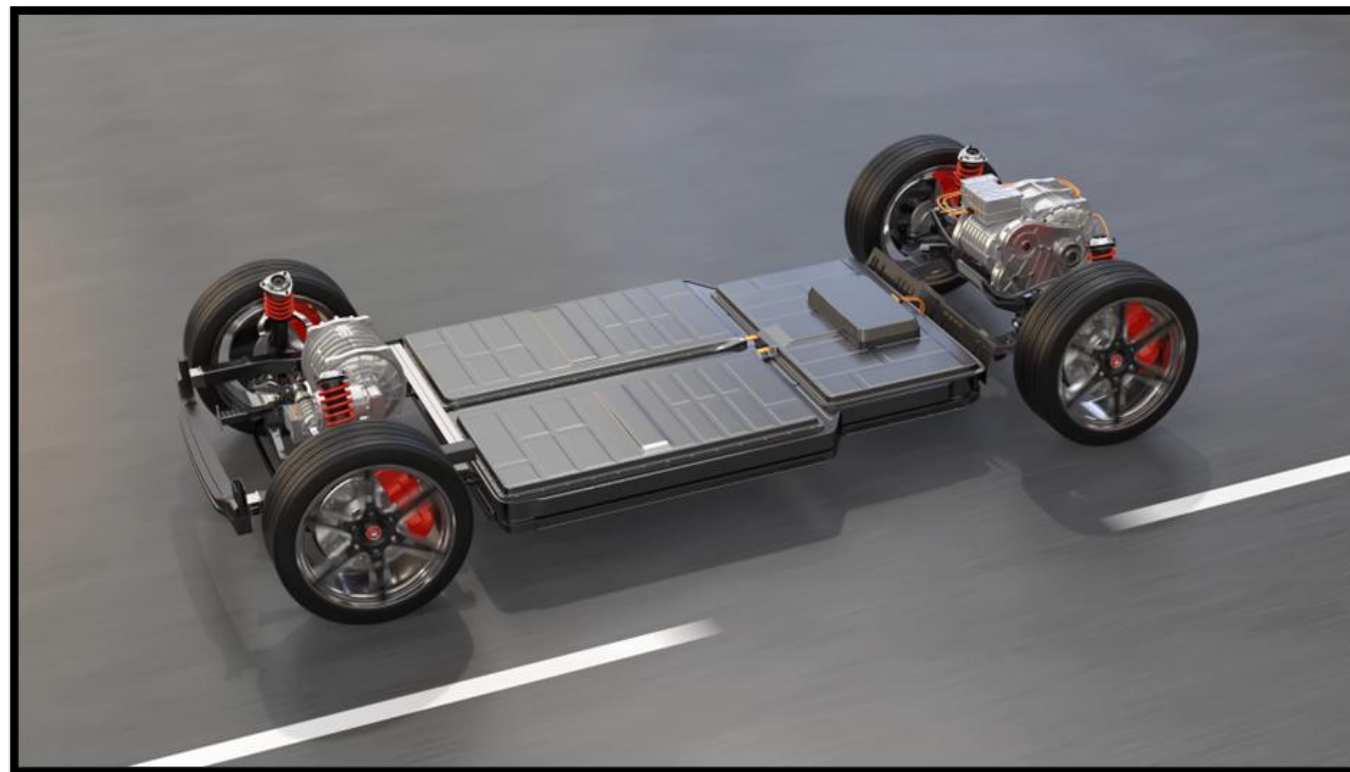


Komodo Clean Room “CR” products are also available for use in Data Centers and Military aircraft engines



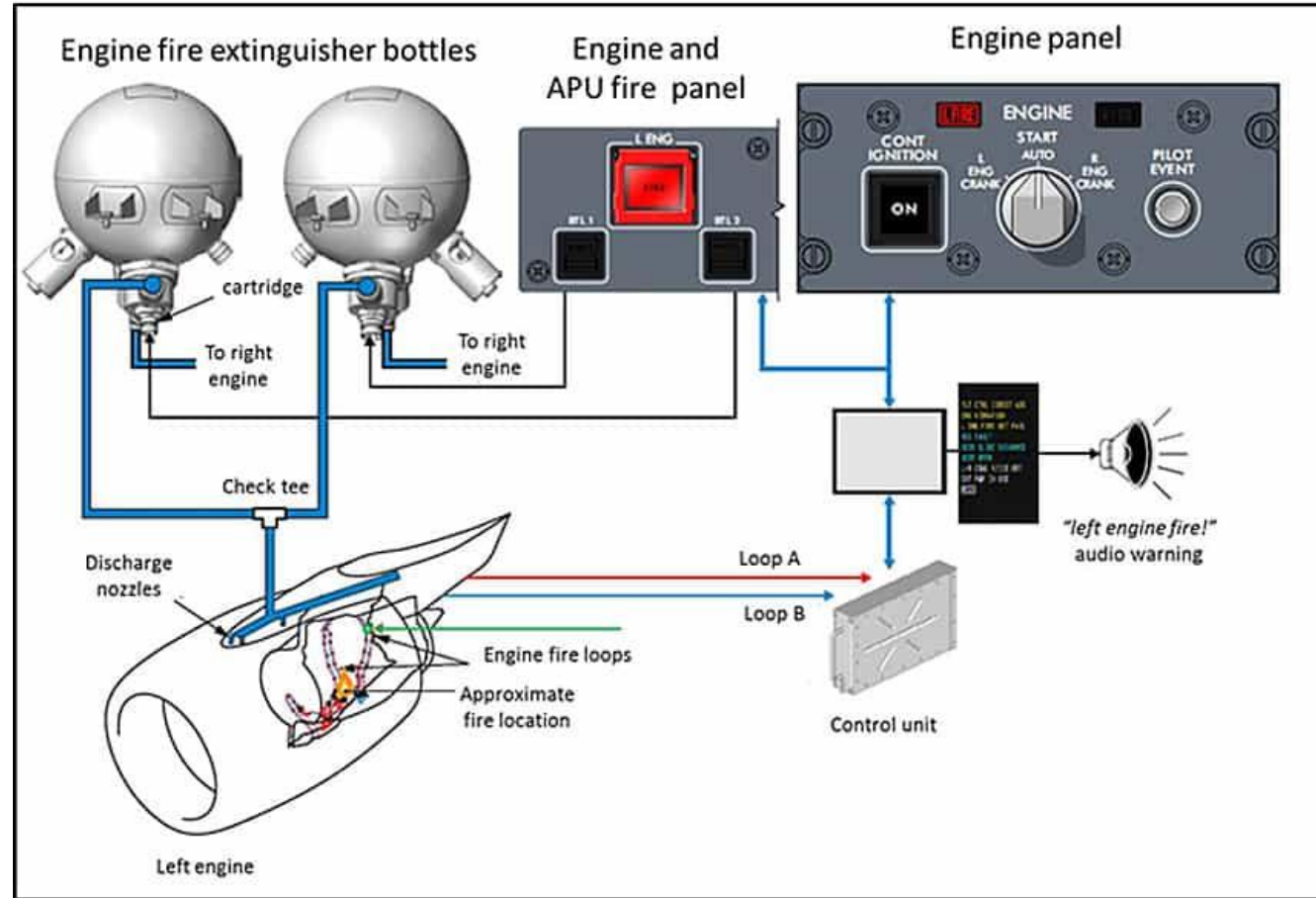
# EV & Battery Use Grow Exponentially

- Large scale electronic and battery manufacturing facilities
- EV, PHEV & Hybrid Vehicles – Trucks; Cars; Bicycles; Scooters; etc.
- Residential, commercial, and industrial solar power battery-storage systems



# Komodo Next Generation Products

Clean Room (CR) technology for commercial & military aircraft engines fires. Komodo to replace existing “environmentally damaging” products that are being eliminated around the world



# Testing, Certifications & QPL Federal Approval

**KOMODO** has passed rigorous USDA / U.S. Forest Service testing for:

- Performance
- Toxicity (mammals and salt / freshwater fish)
- Corrosion and abrasion
- Non-metallics compatibility
- Stability testing; etc.
- **Full Certification** and **QPL** status granted
- **CalFire** and **QAI** certifications complete



# Appendix

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# New **KOMODO** Products – KFFF

## **KFFF**– Komodo Fluorine Free Foam

- Foam replacement for AFFF used globally
- Many safety and health concerns for this class of foam
- US Government has spent \$10B in alternative replacement for AFFF
- In 2022 Komodo completed the development of non-Teflon foam : KFFF
- KFFF : Komodo Fluorine Free Foam
- KFFF has eliminated Fluorinated chemicals and is a suitable foam for firefighting on military and metro fire fighting vehicles
- No PFAS or PFOS forever chemicals



# The Future - KAD – Komodo Aerial Defense

- Save Lives & Properties
- Revolutionize Fire Response
- Prevent Maintenance Backlogs
- Reduce Client Liability
- Create Novel Markets in White Space

ASW partnership

Multiple deployment paths to address fires

Prototypes in deployment

Target Launch Q2 2024



# Video Library

Home fire hardening via defensible space creation

<https://youtu.be/caYbmVDOrlw>

**Plywood vertical surface**

<https://youtu.be/wfxh1l5wcYs>

**Fuel storage suppression**

<https://youtu.be/ygWuJFoOkZw>

**Testimonials**

<https://www.youtube.com/watch?v=3kZLAHwzmv0>

Hybrid home video

<https://www.youtube.com/watch?v=JYnRrUdCzMw>

# Superior Performance

In side-by-side performance, environmental, toxicity, and equipment compatibility testing Komodo exceeded industry standards and current product of record. National Lab results confirm Komodo :

- Has improved fire fighting performance in suppression, prevention, and fire-retardant properties
- Is non-toxic to animals and will not harm environment
- Is non-irritating to eyes and skin and safe for applicators to handle
- Does not harm application equipment with premature wear