

# Investor Presentation

April 2025



**FONON**  
QUANTUM TECHNOLOGIES, INC.

# Safe Harbor

This presentation contains forward-looking statements or information regarding future events and the future results of Fonon Quantum Technologies, Inc. (the "Company") based on current expectations, estimates, forecasts, and projections about the markets in which the Company operates and current beliefs and assumptions of the Company's management. Forward-looking statements can be identified by the use of forward-looking terminology, including the terms "believes," "estimates," "anticipates," "expects," "may," "will," "potentially," "projected," or similar words, or in each case, their negative, or other variations or comparable terminology. These forward-looking statements include all matters that are not historical facts, such as express predictions of future events and trends.

The assumptions and estimates underlying these forward-looking statements are inherently uncertain and are subject to a wide variety of significant business, economic, competitive, and other risks and uncertainties that could cause actual results to differ materially from those contained in those statements. In sum, forward-looking statements should not be relied upon as necessarily being indicative of future results, and the inclusion of these statements should not be regarded as a representation that the results reflected therein will be achieved.

# Vision & Mission

## VISION

At Fonon Quantum Technologies, Inc., we harness the power of laser and quantum advancements to redefine manufacturing, champion sustainability, and create transformative solutions that improve lives and shape a responsible tomorrow.

## MISSION

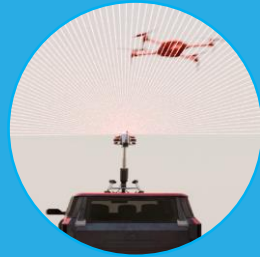
At Fonon Quantum Technologies, Inc., our mission is to revolutionize industries through pioneering innovations. We deliver zero-waste solutions with Bulk-To-Shape™ (BTS™) and Zero Width Laser Cutting Technology (ZWLCT™), enhance productivity with Quantum Technology. While providing mature and reliable solutions to meet the needs of various sectors, we are supported by decades of expertise in research and development of breakthrough technologies. Guided by our core values of sustainability and excellence, we aim to empower industries and drive meaningful change globally.

# FQTI Technologies



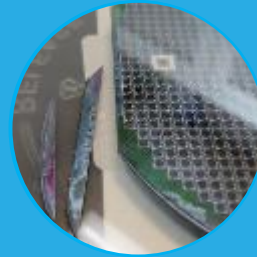
## **Bulk-To-Shape (BTS)**

Revolutionizing the manufacturing process by providing technology that allows professionals to eliminate waste, and conserve materials.



## **Laser Shield Anti-Drone System**

Powered by cutting-edge lasers and AI to effectively counter weaponized and surveillance drones, delivering unmatched defense against drone swarm threats.



## **Zero Width Laser Technology (ZWLCT)**

Precision non-contact laser cutting for brittle materials with minimal waste and intact material integrity.



## **Quantum Technology**

Designing and manufacturing precision electro-optic systems and components to drive breakthroughs in quantum technology, laser technology, and photonics.



## **Conventional Lasers and Laser Equipment**

Industrial-grade laser cleaning, marking, engraving, cutting and OEM systems.

# Fonon Quantum Technologies' Expertise

**Fonon Quantum Technologies has a proven track record and the experience to take ideas from initial concept to commercialization.**

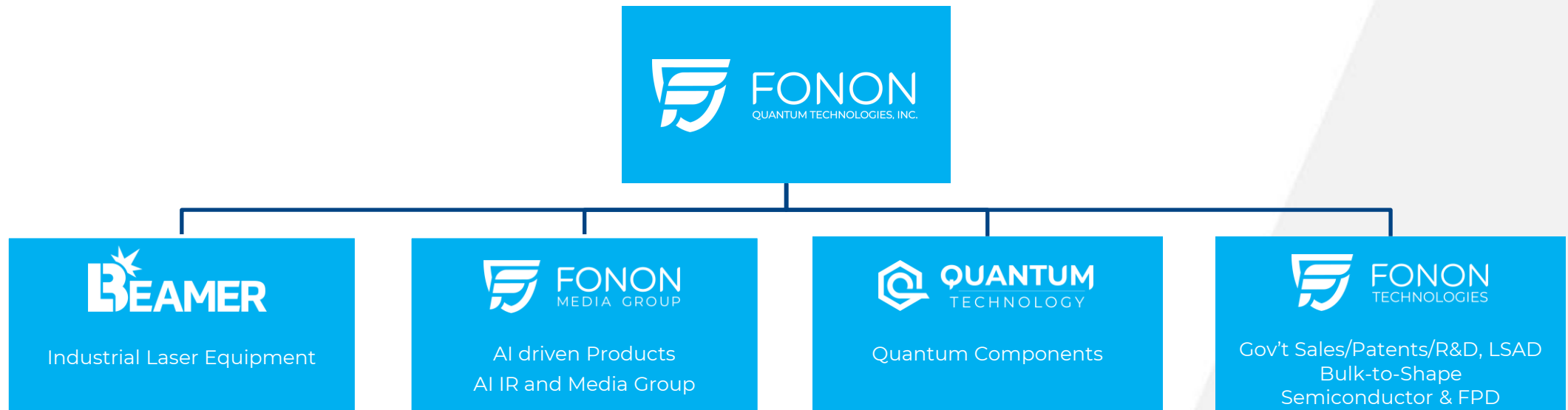
- Management Team with IPO Experience (NASDAQ: FQTI)
- Large Catalogs of Revenue Generating Products
- Multiple Patent Applications and Licenses in Various Laser Technologies
- Research & Development Expertise In Place
- Trusted Supplier of Fortune 1000 Clients
- \$2.0M+ in Equipment Sold to the U.S Government and Military

# Why Fonon Quantum Technologies?

The global marketplace needs our products because FQTI has:

- Extensive Multi-Industrial Experience
- Never-Before-Seen Technology
- Experience in Going From Concept to Final Revenue Generating Products
- Over 40 Years of Proven Development in Laser Technology
- A Growing Number of Patents and Applications
- A History of Providing Solutions in Manufacturing
- A Focus on the Future and Innovation
- Extensive Experience in Various Government Contracting Vehicles in Addition to R&D and Federal Grant Funding
- Fully registered on SAM.gov for Government & Military sales (Unique Gov. ID, CAGE code, IDIQ Contract)

# Corporate Structure



# Bulk to Shape

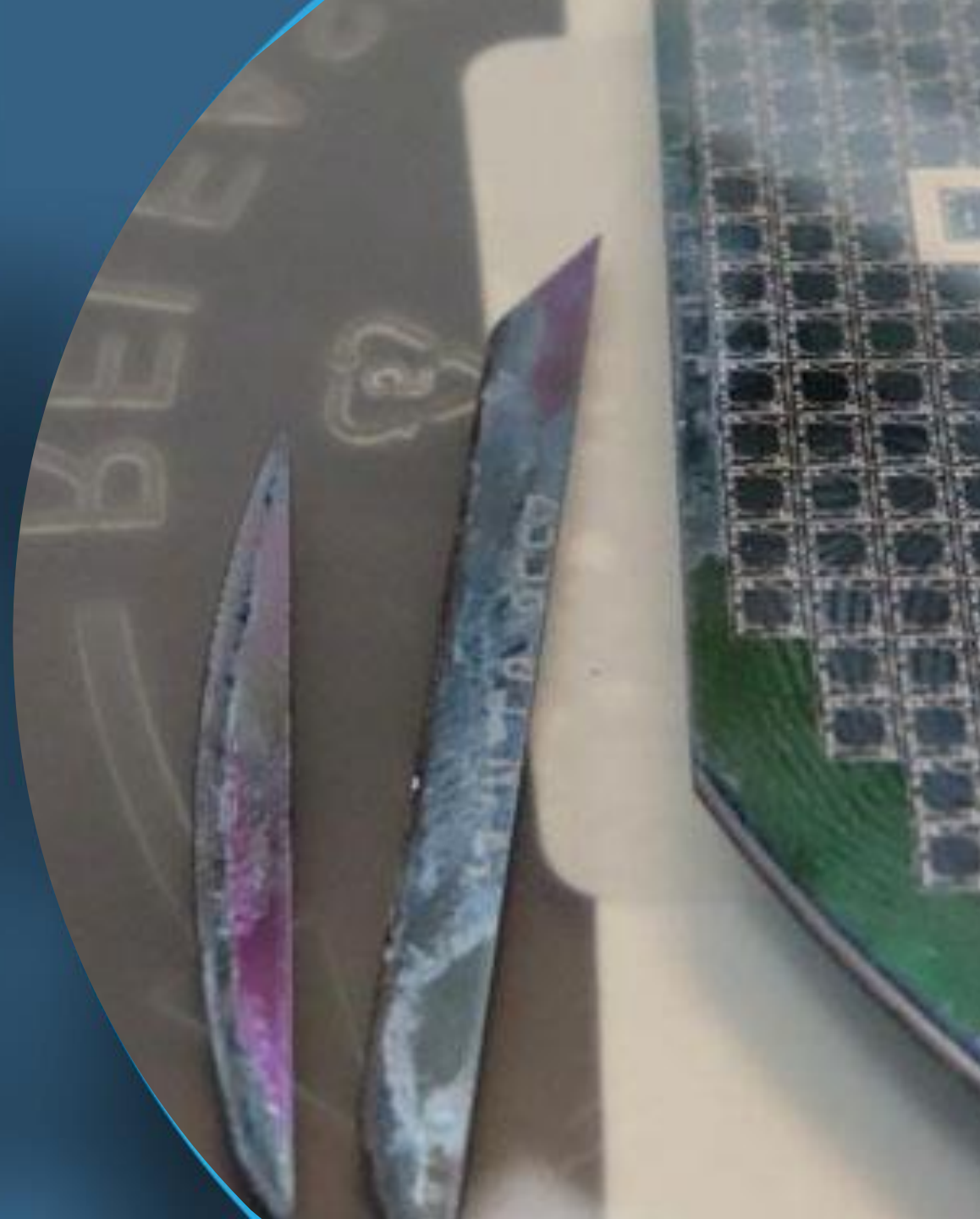
- **Bulk-to-Shape™ (BTS) Transformation Technology transforms bulk raw material into consistent and repeatable powder stock in the same chamber, and forms powder into the desired and usable printed metal part.**
  - » Laser technology developed by Foton
  - » Aims to change the way critical manufacturing is conducted
  - » Reached the proof-of-concept stage
  - » Aims to produce sophisticated metal products with zero waste
  - » Backed by 7 Lawrence Livermore Patents & 3 Foton Patents





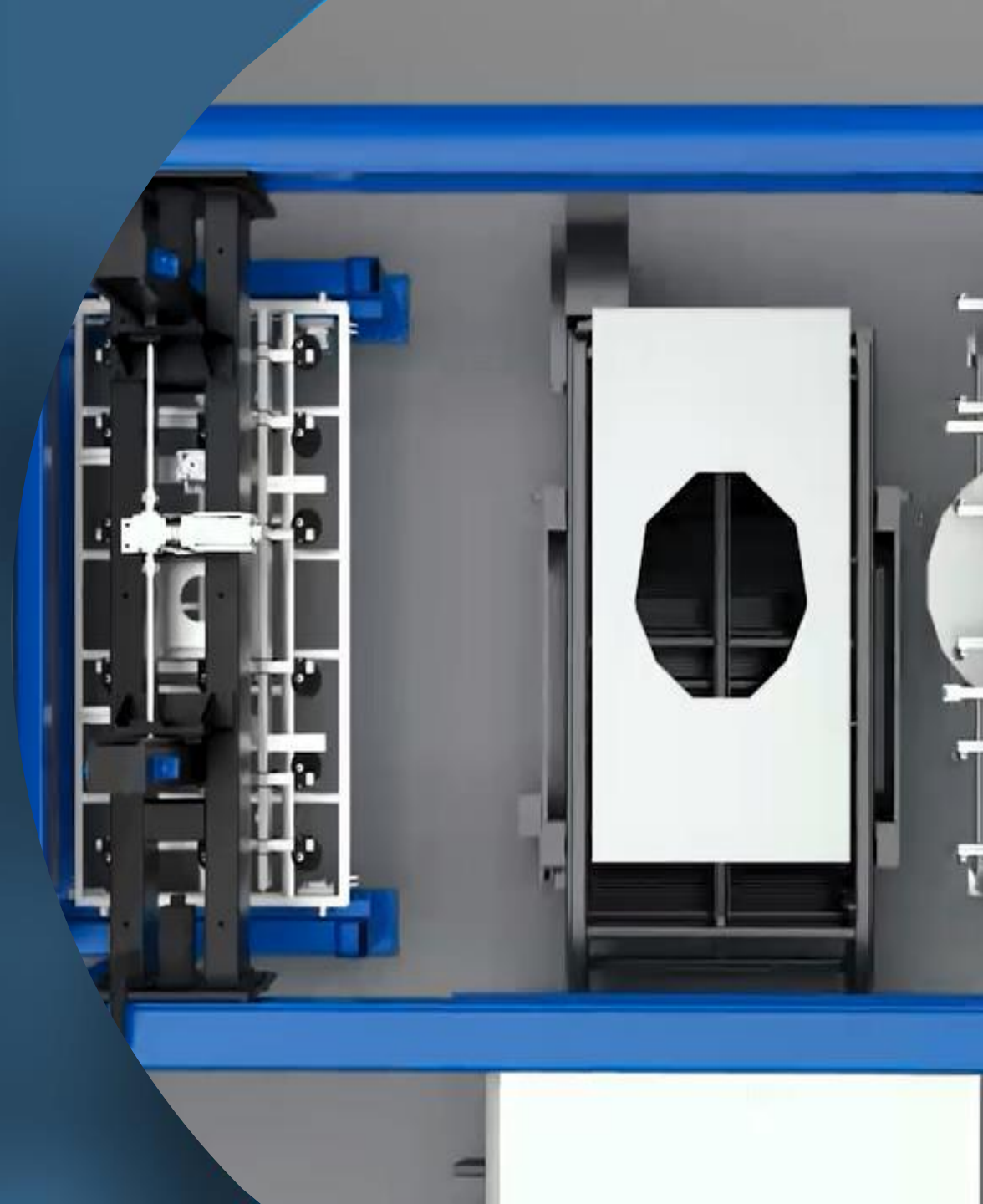
# Semiconductor & FPD Systems

- **Zero Width Laser Cutting Technology is an innovative method of cutting brittle materials that generates zero waste, zero material loss, and zero contamination.**
  - » Aims to improve cutting of brittle materials with zero waste and zero contamination
  - » Technology is at the prototype stage and ready for commercialization



# Industrial Laser Equipment

- **Industrial-grade laser cleaning, marking, engraving, and cutting systems.**
  - » Our Conventional Laser Systems are well-developed with fully matured designs and consistent demand
  - » Growing Fortune 1000 consumer-base, thousands of systems have already been implemented within major industries
  - » Fully commercialized



# Government & Military Sales

- **Fonon Technologies is a well-established vendor for the U.S government, military, and allied forces.**
  - » Products manufactured under DefenseTech and LSAD Branding
    - » MLRI – Missile Laser Rust Inhibitor
    - » LSAD – Laser Shield Anti Drone Systems
  - » Fully registered on SAM.gov for Government & Military sales (Unique Gov. ID, CAGE code, IDIQ Contract)
  - » Customized solutions tailored to the unique needs of the Defense and Military sectors



# Quantum Technology

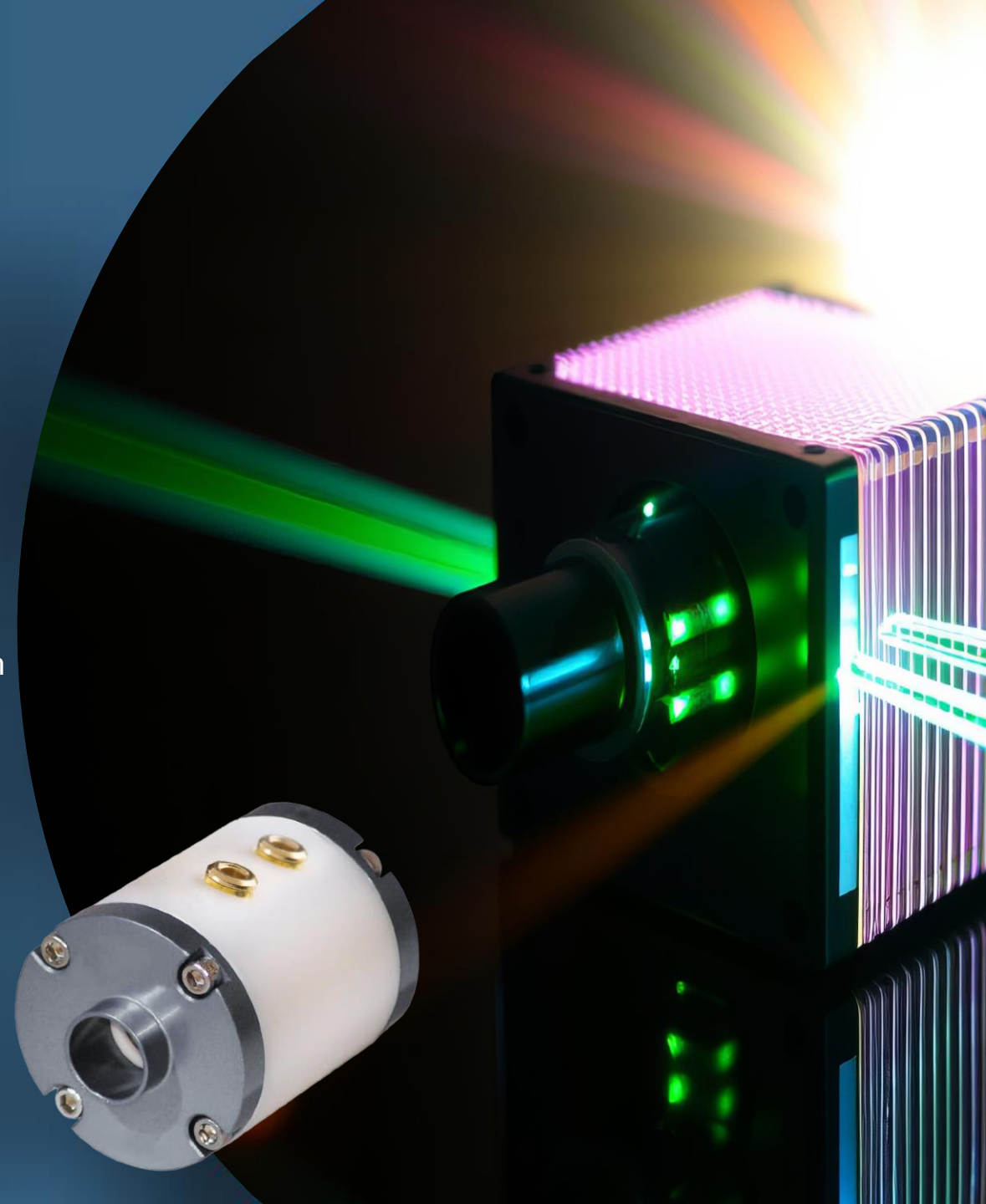
- **Quantum Technology, Inc. (QTI) established in 1969, develops state-of-the-art quantum components for UV, infrared, and visible laser systems.**

## Quantum Peripheral Components

- » Electro-optical modulation systems
- » Q-switching systems
- » Pockels cells
- » Pulse picker systems
- » Non-linear optical systems

## High Power Quantum Switches

- » Energy accumulation for high power pulsed anti-drone system (LSAD)



# Experienced Management

The company's experienced management team excels in both product development and navigating private and public financing, positioning FQTI for continued success.

## Wayne Tupuola

Chief Executive Officer



Wayne Tupuola has over 15 years of C-level management. Prior to joining FQTI, Wayne spent over 25 years of hands-on experience in fiber laser equipment manufacturing, semiconductor, aerospace industries.

## John Armstrong

Executive Vice President



John Armstrong is our Executive Vice President with over 20 years of public sector experience within the aerospace industry. Armstrong has provided leadership and HR support for 10,000+ employees nationwide within a division that generates \$4.5B+ in revenue.

## Carlos Sardinias

Chief Financial Officer



Mr. Sardinias has over 15 years of experience in the private and public sectors and has led and managed financial teams, implemented financial strategies and assisted companies in providing accurate and timely financial reporting. Carlos' background is primarily with large government defense contractors and has also served in leadership roles at private companies.

# Experienced Management

The company's experienced management team excels in both product development and navigating private and public financing, positioning FQTI for continued success.

**Jose Rosa**

Principal Financial Officer



Jose Rosa is an accomplished financial executive with over 20 years of experience leading financial planning, corporate strategy, and operational transformation in high-tech and SaaS industries. With proven expertise in financial modeling, investor relations, and M&A, he has a strong track record of driving revenue growth and profitability in dynamic business environments.

**Sanjay Adhav**

Vice President, QTI



Sanjay Adhav has an extensive background in developing and providing user-friendly electro-optical modulations, Q-switching systems, pulse picker systems, and more. Bringing over 20 years of experience serving industries worldwide, Adhav has pushed the boundaries of what is possible with laser technology through his continued work in the field.

**Bryan Lee**

Vice President, FTI



Bryan Lee is a retired US Naval Officer with over 25 years of service. He holds advance degrees in Strategic Security Studies and International Relations. He has been deeply involved in Federal and Department of Defense Sales, business development, leadership, and contract management, leading the growing Military and Government efforts across myriad emerging technologies, government contracting systems, and Service Branches.



# Experienced Management

The company's experienced management team excels in both product development and navigating private and public financing, positioning FQTI for continued success.

## Igor Vodopiyarov

Vice President, R&D



Igor Vodopiyarov, PhD, is our Vice President of Research & Development. He served as a Research Scientist at Florida Institute of Technology Conducted research in Particle Physics within CMS Collaboration at the CERN Large Hadron Collider in Switzerland; Physics within Electron-Positron Collider at Petersburg Nuclear Physics Institute.

## Gennady Korotkov

Vice President, Operations



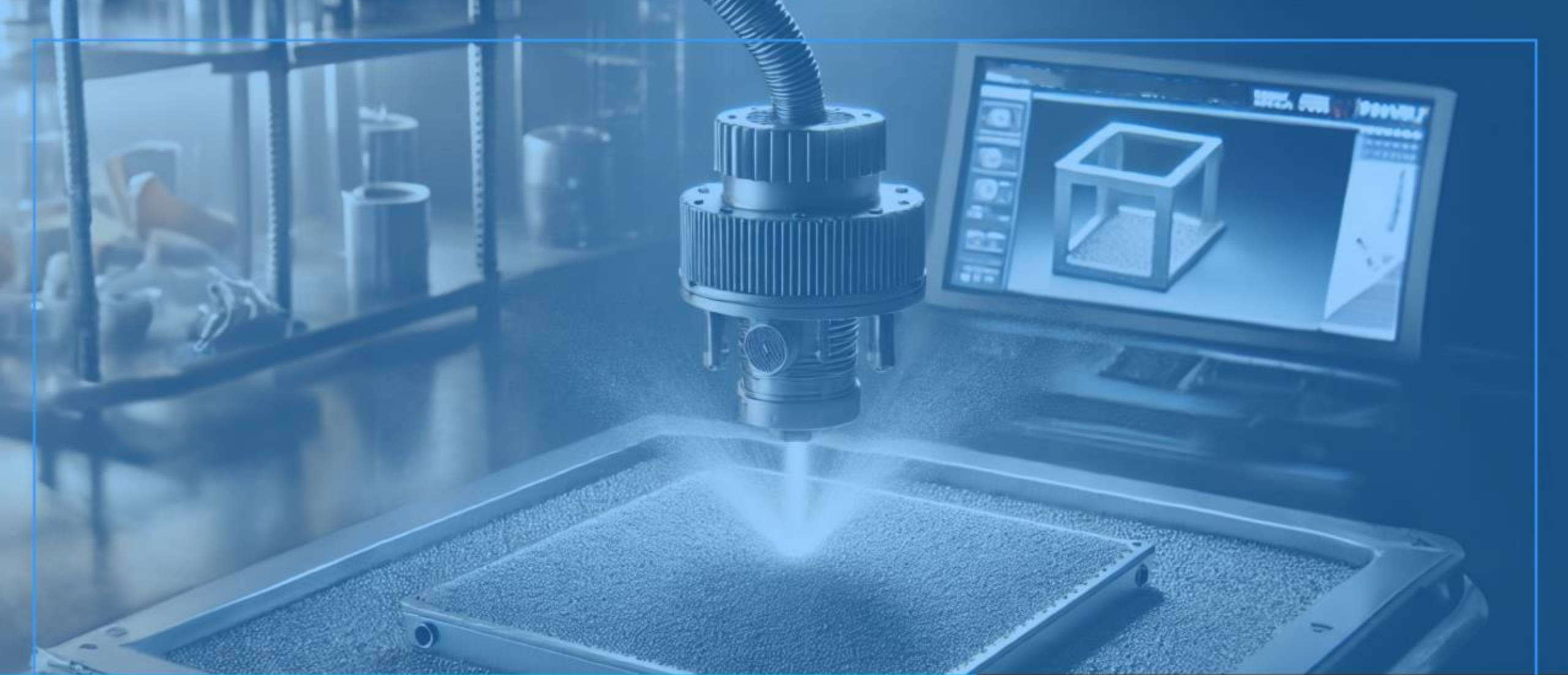
Gennady Korotkov is our Vice President of Operations, overseeing assembly, engineering, purchasing, and inventory control. With a B.S. degree in Engineering from Leningrad Forestry Academy, he brings extensive expertise in industrial processes, supply chain management, and precision manufacturing

## Seth Bush

Vice President, Marketing



Mr. Bush has over 20 years of Marketing Leadership and Experience to bring companies to the next level. In this position, he will manage the growth and development of the marketing department as the company continues to expand. As the director, he will utilize his years of experience as a marketing professional to grow brand awareness while educating consumers on the company's next-generation laser systems.



**Thank You.**



**FONON**  
QUANTUM TECHNOLOGIES, INC.