



The Next Global Strategic Materials Company

Building a **trusted** global platform supplying **advanced** strategic materials and **integrated** solutions for **defense, aerospace, aviation, automotive, energy, nuclear, chemical & petrochemical, electronics & batteries, construction** and other industrial sectors, as well as **critical infrastructure**.



Main location: Shelby, North Carolina, USA
Other locations in consideration with potential investors



STRATEGIC MANUFACTURING PLATFORM
EXISTING INDUSTRIAL ASSET



SERVING KEY INDUSTRIES & CRITICAL INFRASTRUCTURE
Defense, Aerospace, Aviation, Automotive, Energy, Nuclear, Chemical & Petrochemical, Electronics & Batteries, Construction and other Industrial Sectors, as well as Critical Infrastructure.
MULTI-BILLION DOLLAR OPPORTUNITY



SCALABLE PLATFORM.
HIGH PERFORMANCE MATERIALS.
GLOBAL MANUFACTURING ADVANTAGE.
LIMITLESS POTENTIAL.



2026

CONFIDENTIAL & PROPRIETARY

02 | INVESTMENT THESIS

WHY BASALTUNUM



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION

A unique combination of assets, technology and market timing to build the world's next strategic materials company.



EXISTING U.S. INDUSTRIAL ASSET
Shelby, North Carolina



- Operational industrial facility
- Established infrastructure
- Skilled workforce
- Strategic U.S. location



ADVANCED MATERIALS TECHNOLOGY
Continuous Basalt Fiber Platform



- High performance
- Cost and Specifications Advantages vs Carbon Fibers
- Application as basis for 2D semiconductors possible
- Unique dielectric properties
- Broad application potential



MULTI-BILLION-DOLLAR MARKETS
Large and Growing Addressable Markets



- Defense & Aerospace
- UAV & Autonomous Systems
- Infrastructure
- Energy & Industrial



SCALABLE PLATFORM MODEL
Global Manufacturing and Supply Platform



- Diversified Global Manufacturing
- Multi-Regional Production Network
- Reliable Strategic Supply
- High-Value Composite Solutions



STRONG TIMING
Defense Expansion & Reshoring Trends



- NATO and allied supply chains
- Supply chain realignment
- U.S. manufacturing renaissance
- Policy and defense support



ESTABLISHED
INDUSTRIAL PLATFORM



CONTINUOUS BASALT
FIBER TECHNOLOGY



GLOBAL MARKETS
USA, EU, Middle East, India



GLOBAL STRATEGIC
MATERIALS COMPANY



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION

POWERING GLOBAL DEVELOPMENT OF DEFENSE, STRATEGIC INDUSTRIES AND CRITICAL INFRASTRUCTURE

03 | THE WORLD HAS CHANGED A NEW INDUSTRIAL ERA IS EMERGING



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION

Global megatrends are driving unprecedented demand for advanced materials and creating a historic opportunity for global advanced manufacturing.



NATO REARMAMENT

Historic defense spending acceleration



\$1.3T+

Additional NATO defense spending by 2030E

Source: NATO, 2024



UAV REVOLUTION

Explosive growth in unmanned systems



\$63B+

UAV market by 2030E

Source: Market.US, 2024



STRATEGIC SUPPLY CHAINS

Reshoring and reducing critical dependencies



78%

of companies plan to reshore critical supply chains by 2030

Source: Deloitte, 2023



INFRASTRUCTURE MODERNIZATION

Aging infrastructure requires advanced solutions



\$3.7T+

Global infrastructure investment required by 2030

Source: McKinsey Global Institute, 2023



ADVANCED MANUFACTURING RENAISSANCE

Strategic presence across the USA, European Union, Middle East & India



\$300B+

Global advanced manufacturing expansion

Source: BCG, 2023



EVERY TREND REQUIRES NEXT-GENERATION MATERIALS. **BASALTUNUM IS BUILT TO DELIVER.**



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION

POWERING GLOBAL DEVELOPMENT OF DEFENSE, STRATEGIC INDUSTRIES AND CRITICAL INFRASTRUCTURE

04 | THE STRATEGIC OPPORTUNITY

GLOBAL STRATEGIC MATERIALS SUPPLY MUST BE REBUILT



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION

Global industries face critical shortages in advanced materials, resilient supply chains and manufacturing capacity.

1



CARBON FIBER

- Excellent performance but extremely expensive
- Price volatility limits scalability

2



FIBERGLASS

- Cost-effective but limited performance
- Insufficient for next-generation applications

3



RELIABLE GLOBAL SUPPLY PLATFORM

- Diversified international manufacturing
- Reliable supply of strategic materials
- Resilient multi-regional supply chain

4



DEFENSE DEMAND

- Increasing faster than production capacity
- Long lead times create operational risk
- Basaltunum offers a reliable strategic materials supply solution

5



INDUSTRIAL CAPACITY GAP

- Limited domestic capacity for advanced materials
- Insufficient industrial base to meet demand



THE BOTTOM LINE:

BUILDING THE NEXT GLOBAL STRATEGIC MATERIALS COMPANY.

05 | OUR SOLUTION

BASALTUNUM PLATFORM



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION

A fully integrated platform transforming natural basalt into mission-critical materials and high-value solutions.

1

BASALT



Abundant natural resource with unique performance potential.

2

**CONTINUOUS
BASALT FIBER**



Proprietary process produces continuous basalt fiber with consistent quality.

3

**TECHNICAL
FABRICS**



High-performance fabrics engineered for advanced applications.

4

PREPREG



Resin-impregnated materials ready for high-performance composites.

5

**COMPOSITE
STRUCTURES**



Engineered structures delivering superior strength-to-weight performance.

6

**DEFENSE
COMPONENTS**



Mission-critical components for defense and aerospace systems.

7

**STRATEGIC
MATERIALS
PLATFORM**



A scalable platform powering national security, innovation and industrial leadership.



**WE ARE BUILDING A PLATFORM FOR
RELIABLE SUPPLY OF REVOLUTIONARY STRATEGIC MATERIALS.**



GLOBAL
LEADERSHIP



MISSION
CRITICAL



HIGH VALUE
SOLUTIONS



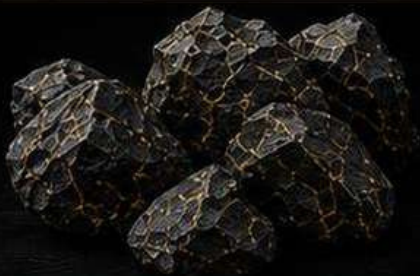
INTEGRATED
PLATFORM

06 | WHY BASALT

POSITIONED BETWEEN FIBERGLASS ECONOMICS AND CARBON PERFORMANCE

Basalt fiber delivers the optimal balance of performance, durability and cost.

PROPERTY	GLASS FIBER	BASALT	CARBON FIBER
 COST	Low	Medium	High
 TENSILE STRENGTH	Medium	High	Very High
 CORROSION RESISTANCE	Medium	High	High
 THERMAL STABILITY	Medium	High	High
 DIELECTRIC PROPERTIES	Good	Excellent	Poor
 DENSITY	Medium	Medium	Low
 SUSTAINABILITY	Moderate	High	Low
 BRITTLINESS	High	Low	Medium



BASALT FIBER FILLS
A CRITICAL GAP IN THE MARKET.



HIGH
PERFORMANCE



SUPERIOR
DURABILITY



COST
EFFECTIVE



MANUFACTURABLE
AT SCALE



STRATEGIC
ADVANTAGE



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION

WHY BASALT OUTPERFORMS TRADITIONAL MATERIALS



COMBINES STRENGTHS OF BOTH
GLASS FIBER AND CARBON FIBER
INTO ONE



HIGH TENSILE STRENGTH
WITH LOW BRITTLINESS
Superior strength with enhanced
toughness and greater damage tolerance.



OUTSTANDING DIELECTRIC INSULATION
Excellent electrical insulation for
demanding high-performance applications.



SUPERIOR CORROSION
AND CHEMICAL RESISTANCE
Performs reliably in the harshest
environments and against
aggressive chemicals.



COST-EFFECTIVE
ALTERNATIVE TO CARBON FIBER
Lower material and manufacturing costs
with high performance and long service life.



SCALABLE AND ENVIRONMENTALLY
RESPONSIBLE PRODUCTION
Naturally abundant raw material
with a lower environmental footprint.

07

THE SHELBY ADVANTAGE

STRATEGIC U.S. MANUFACTURING PLATFORM

**BASALTUNUM**
BASALT TECHNOLOGIES CORPORATION

Our Shelby, North Carolina facility is purpose-built for advanced materials manufacturing and engineered for scale, security and efficiency.



STRATEGIC ADVANTAGES



EXISTING INDUSTRIAL INFRASTRUCTURE

Fully built, operational facility reduces time-to-market and capital risk.



U.S. JURISDICTION

Build and produce in a secure legal and regulatory environment.



SKILLED WORKFORCE

Access to experienced manufacturing talent and engineering expertise.



ACCESS TO DEFENSE MARKETS

Proximity to government and defense partners and ecosystems.



FASTER COMMERCIAL DEPLOYMENT

Near-term revenue generation with existing capacity.



PLATFORM FOR SCALE

Designed to support phased expansion and future product lines.



**SHELBY,
NORTH CAROLINA**

Strategic industrial location in the Southeastern U.S.



**135,000+
SQ FT**

Purpose-built advanced manufacturing facility



**24/7
OPERATIONS**

Designed for continuous production and reliability



**ITAR
COMPLIANT**

Secure facility meeting defense requirements



**20+ MW
POWER CAPACITY**

High capacity to support energy-intensive processes



**EXPANSION
READY**

Additional space and utility capacity for scale-up

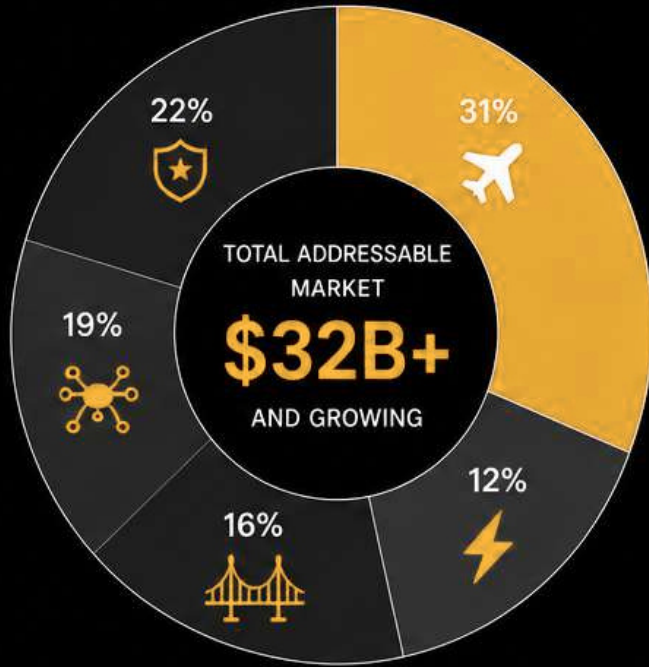
**BASALTUNUM**
BASALT TECHNOLOGIES CORPORATION

POWERING GLOBAL DEVELOPMENT OF DEFENSE, STRATEGIC INDUSTRIES AND CRITICAL INFRASTRUCTURE

08 | MARKET OPPORTUNITY

MULTI-BILLION-DOLLAR END MARKETS

We are targeting large, growing end markets with long-term demand tailwinds and national importance.



DEFENSE

~\$7B+

Advanced materials for platforms, protection and mission systems.



UAV & AUTONOMOUS SYSTEMS

~\$6B+

Lightweight, high-strength materials enabling next-gen capabilities.



INFRASTRUCTURE

~\$5B+

Stronger, longer-lasting materials for critical infrastructure resilience.



ENERGY / NUCLEAR

~\$4B+

Composites and structures for energy production and nuclear applications.



AEROSPACE

~\$10B+

High-performance materials for commercial and defense aviation.



STRONG, DIVERSE END MARKETS.

SUSTAINED DEMAND. LONG-TERM GROWTH.



WE ARE TARGETING END MARKETS, NOT COMMODITY MATERIALS.

MISSION CRITICAL. HIGH VALUE. STRATEGIC ADVANTAGE.

FOCUS AREAS



DEFENSE



UAV & AUTONOMOUS SYSTEMS



INFRASTRUCTURE



ENERGY / NUCLEAR



AEROSPACE



CHEMICAL / PETROCHEMICAL



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION

POWERFUL MARKET TAILWINDS



RISING DEFENSE SPENDING

Increased NATO and allied defense spending driving demand for advanced materials.



AUTONOMY ACCELERATION

Rapid growth in UAVs and autonomous systems across military and commercial use.



INFRASTRUCTURE INVESTMENT

Federal and state spending to modernize critical infrastructure and transportation.



ENERGY & NUCLEAR DEMAND

Expansion of nuclear and advanced energy infrastructure increases demand for strategic materials.



GLOBAL COMPETITION

Nations worldwide are securing domestic supply chains for critical materials.



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION

POWERING GLOBAL DEVELOPMENT OF DEFENSE, STRATEGIC INDUSTRIES AND CRITICAL INFRASTRUCTURE

09 | DEFENSE OPPORTUNITY

BUILDING MATERIALS FOR NATIONAL SECURITY



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION

Basalt fiber and advanced composites enable the next generation of defense platforms with superior performance and reliability.

APPLICATIONS



RADAR DOMES

High-performance radomes with superior strength and electrical transparency.



UAV SYSTEMS

Lightweight, high-strength airframes for extended range and payload.



SURFACE NAVAL VESSELS

Corrosion-resistant structures for ships and marine platforms.



UUWV / UNDERWATER AUTONOMOUS SYSTEMS

Non-corrosive, tough and durable materials ideal for underwater vehicles and equipment.



TACTICAL VEHICLES

Advanced composites for stronger, lighter, more durable vehicle platforms.



ARMOR SYSTEMS

Superior ballistic and blast protection with lightweight sandwich armor solutions.



DEFENSE DOMAIN COVERAGE



WHY BASALT OUTPERFORMS



CORROSION-FREE MARINE PERFORMANCE

Ideal for naval and underwater systems where carbon fiber and fiberglass degrade. Excellent resistance to saltwater, moisture and harsh environments.



ELECTRICALLY TRANSPARENT

Unique dielectric properties for radomes, antennas, sensors and electronic warfare systems. Outperforms traditional composites in RF transparency.



HIGH TOUGHNESS / LOW BRITTLENESS

Lower brittleness with excellent impact resistance and damage tolerance. Designed for extreme operational conditions.



LONG-LIFE DURABILITY

Superior resistance to chemicals, UV, temperature extremes and fatigue for extended service life in mission-critical assets.



GLOBALLY DIVERSIFIED SUPPLY PLATFORM

Stable, secure supply guaranteed by a network of manufacturing platforms across key regions. Reduces risk, ensures continuity and resilience.



LOWER TOTAL OWNERSHIP COST

Lower product cost and optimized production costs through scalable technology, efficient manufacturing and economies of scale.



GLOBAL DEFENSE REQUIRES NEXT-GENERATION STRATEGIC MATERIALS.

BASALTUNUM DELIVERS MISSION-CRITICAL SOLUTIONS FOR ALLIED DEFENSE AND SECURITY.



MISSION
FOCUSED



PERFORMANCE
DRIVEN



BUILT FOR EXTREME
ENVIRONMENTS



ALLIED
SUPPLY

10

UAV OPPORTUNITY

ONE OF THE FASTEST GROWING MARKETS IN THE WORLD

Advanced materials are critical to deliver the performance, range, payload and survivability required for next-generation UAV platforms.



MARKET OUTLOOK

\$36B+

GLOBAL UAV MARKET
BY 2030

15%+

CAGR THROUGH 2030

3-5 MILLION+

UAV UNITS EXPECTED
TO BE DELIVERED BY 2030



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION



DEFENSE & ISR
Intelligence, surveillance
and reconnaissance missions.



STRIKE & LOITERING
Long-range precision
strike and loitering
munition platforms.



CARGO & LOGISTICS
Autonomous ground resupply,
logistics and delivery in
contested environments.



MARITIME & COASTAL
Maritime patrol, detection
and search & rescue.



COMMERCIAL & INDUSTRIAL
Inspection, mapping, agriculture
and infrastructure monitoring.

WHY ADVANCED BASALT MATERIALS MATTER



LIGHTWEIGHT

High strength-to-weight
ratio extends range
and payload.



DURABLE

Superior fatigue and
corrosion resistance
for mission reliability.



THERMALLY STABLE

Performs in extreme
temperatures and
harsh environments.



LOW RADAR SIGNATURE

Basalt composites support
stealth and survivability
objectives.



DESIGNED FOR SCALE

Materials and processes
optimized for high-rate
manufacturing.

OUR ROLE IN THE UAV ECOSYSTEM



Delivering advanced basalt composite solutions backed by:

- ✓ Globally diversified manufacturing platform
- ✓ Reliable long-term supply
- ✓ Lower material cost
- ✓ Cost-efficient manufacturing

Enabling stronger, lighter, and more cost-effective
UAV platforms at scale



UAV GROWTH CREATES DEMAND FOR LIGHTWEIGHT,
DURABLE AND SCALABLE MATERIALS.
BASALTUNUM IS WELL POSITIONED TO LEAD.

HIGH-GROWTH MARKET

\$36B+
BY 2030

STRONG DEMAND DRIVERS
**DEFENSE, SECURITY,
AUTONOMY, LOGISTICS**

LONG-TERM OUTLOOK

15%+
CAGR THROUGH 2030

11 | PRODUCT PORTFOLIO

BEYOND FIBER



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION

Basalt fiber is the foundation. Our advanced materials and engineered solutions deliver higher performance, greater reliability, and lower total cost of ownership across a wide range of industries.

STRUCTURAL PROFILES



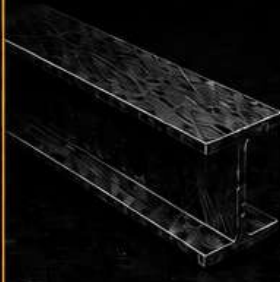
- High strength-to-weight
- Corrosion resistant
- Custom shapes and sizes
- Infrastructure and industrial applications

TUBES



- Lightweight and durable
- Thermal and corrosion resistant
- High pressure capable
- Defense and industrial systems

COMPOSITE BEAMS



- Superior bending strength
- Fatigue and impact resistant
- Long service life
- Bridge, building and defense infrastructure

INDUSTRIAL COMPONENTS



- Precision engineered
- Wear and corrosion resistant
- Complex geometries
- Machinery and system components

ELECTRICAL & ELECTRONIC COMPONENTS



- Electrical insulation components
- RF-transparent enclosures
- Composite electrical structures
- Thermal management solutions

DEFENSE COMPONENTS



- Ballistic and blast resistant
- Lightweight protection
- Mission ready reliability
- Personnel and platform protection

ADVANCED COMPOSITES



- Multi-functional materials
- Thermal, electrical and acoustic performance
- Design flexibility
- Next-gen system enablement



SUPERIOR PERFORMANCE
High strength-to-weight and exceptional durability



ENGINEERED SOLUTIONS
Custom designs for complex applications



MISSION RELIABILITY
Proven in the most demanding environments



COST EFFICIENCY
Lower total cost of ownership



BROAD APPLICATIONS
Enabling critical industries worldwide

12 | COMPETITIVE POSITIONING

BASALTUNUM'S ADVANTAGE IS BUILT IN



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION

Basaltunum delivers a unique combination of performance, scalability and reliability that sets us apart from traditional and emerging material providers.

CAPABILITY	BASALTUNUM	TYPICAL BASALT PRODUCER	ADVANCED COMPOSITE PRODUCER	METAL ALLOY SUPPLIER	POLYMER / PLASTIC PRODUCER
PERFORMANCE	✓ SUPERIOR	MODERATE	HIGH	HIGH	LOW – MODERATE
WEIGHT ADVANTAGE	✓ LIGHTWEIGHT	MODERATE	HIGH	LOW	HIGH
THERMAL STABILITY	✓ EXCELLENT	GOOD	GOOD	EXCELLENT	LOW
CORROSION RESISTANCE	✓ EXCELLENT	GOOD	GOOD	MODERATE	MODERATE – HIGH
SUSTAINABILITY	✓ HIGH	HIGH	MODERATE	LOW	LOW – MODERATE
DEFENSE APPLICABILITY	✓ MISSION READY	LIMITED	APPLICATION SPECIFIC	YES	LIMITED
SCALABILITY	✓ HIGH	MODERATE	MODERATE	HIGH	HIGH
COST COMPETITIVENESS	✓ HIGH VALUE	LOW – MODERATE	LOW	LOW – MODERATE	HIGH
SUPPLY CHAIN SECURITY	✓ U.S. SUPPLY CHAIN	IMPORT DEPENDENT	GLOBAL MIX	IMPORT DEPENDENT	IMPORT DEPENDENT
LONG-TERM STRATEGIC VALUE	✓ HIGH	MODERATE	HIGH	MODERATE	LOW – MODERATE
MATERIAL PLATFORM FLEXIBILITY	✓ HIGH	LOW – MODERATE	HIGH	LOW	MODERATE



BUILT FOR WHAT MATTERS MOST.
PERFORMANCE. SECURITY. SCALE.



MISSION-CRITICAL FOCUS

Engineered for the most demanding applications.



AMERICAN ADVANTAGE

U.S. manufacturing.
U.S. jobs. U.S. security.



LONG-TERM VALUE

Sustainable growth and strategic differentiation.



UNMATCHED MATERIALS PLATFORM

Advanced basalt solutions no one else can deliver.

13 | CORPORATE STRUCTURE

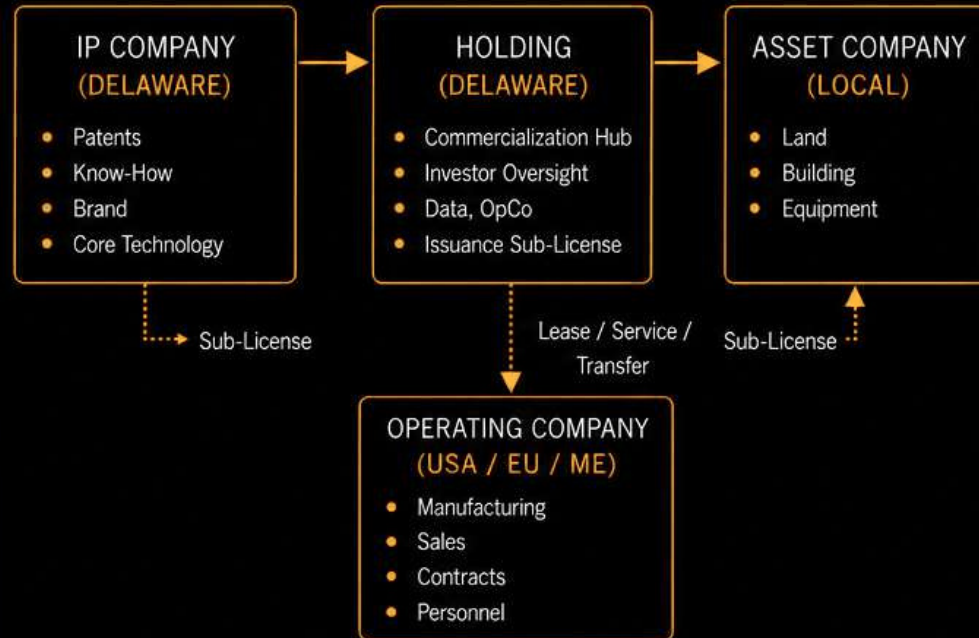
BUILT FOR GROWTH. ENGINEERED FOR IMPACT.

Basaltunum is structured to drive innovation, operational excellence and scalable growth across all markets we serve.



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION

OUR CORPORATE STRUCTURE



ADVANTAGES

- ✓ IP Protection
- ✓ Asset Protection
- ✓ Investor Transparency
- ✓ Scalable Licensing Model
- ✓ Future Joint Ventures

FLEXIBILITY TO:

- ✓ Operate Globally
- ✓ Raise Capital Efficiently
- ✓ Protect IP & Assets
- ✓ Scale Rapidly

GLOBAL HEADQUARTERS & FOOTPRINT



★ **HEADQUARTERS**
Shelby, North Carolina, USA

🧪 **R&D CENTER**
Europe

🏭 **MANUFACTURING PARTNERS**
USA | Europe | Asia

🤝 **STRATEGIC ALLIANCES**
Global Defense & Industrial Partners

🌐 **DISTRIBUTION NETWORK**
Worldwide



👥 **100+**
EMPLOYEES

⚙️ **4**
CORE ENTITIES

🤝 **20+**
STRATEGIC PARTNERS

🌐 **GLOBAL PRESENCE**



A STRONG FOUNDATION.
A SCALABLE PLATFORM. A SECURE FUTURE.

Our corporate structure is designed to protect our innovation, optimize operations and accelerate long-term shareholder value.



PROTECTED



SCALABLE



FOCUSED



RESILIENT

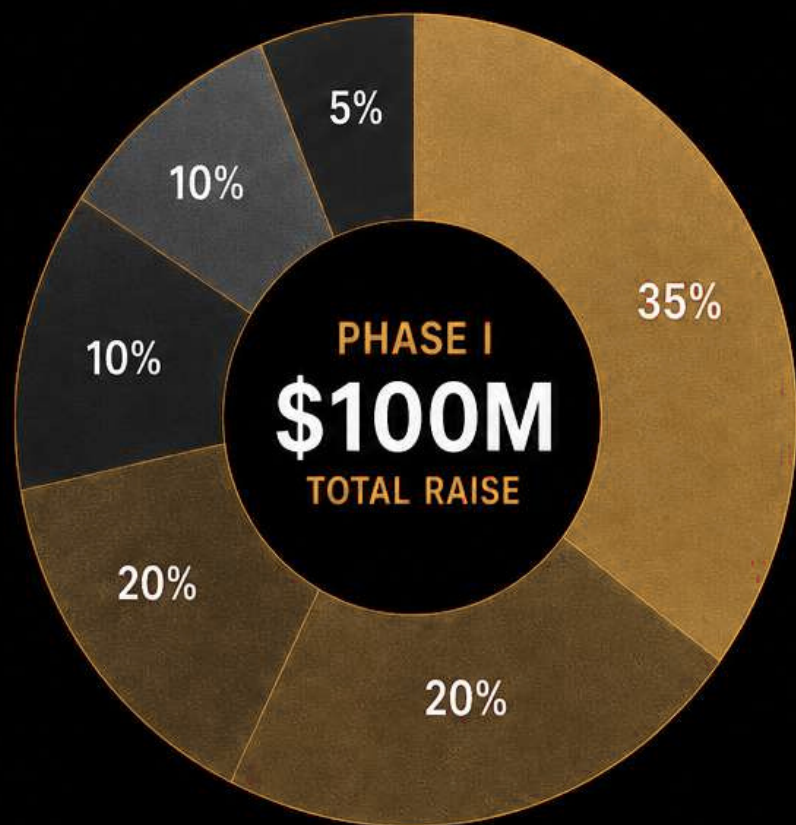
14.1 | USE OF FUNDS

STRATEGIC CAPITAL ALLOCATION

Strategic allocation of capital to accelerate growth, expand capabilities and strengthen our leadership in advanced basalt materials.



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION



ALLOCATION

- 35%** **MANUFACTURING DEVELOPMENT & MODERNIZATION**
Expand and modernize production capacity, automation and advanced processing.
- 20%** **OPERATING & WORKING CAPITAL**
Strengthen balance sheet and support operational flexibility.
- 20%** **R&D (MATERIALS & APPLICATION DEVELOPMENT)**
Advance material science and application development for next-generation products.
- 10%** **INFRASTRUCTURE**
Invest in facilities, utilities and scalable site development.
- 10%** **STRATEGIC RESERVE**
Maintain financial discipline and optionality for strategic opportunities.
- 5%** **MANAGEMENT TEAM**
Attract top talent and build world-class leadership across the organization.

KEY PRIORITIES



SCALE PRODUCTION

Increase capacity to meet growing demand across defense, infrastructure and industrial end markets.



INNOVATE & DIFFERENTIATE

Accelerate R&D to deliver next-generation basalt composite solutions.



BUILD OUR TEAM

Recruit and retain top-tier talent across engineering, operations and commercial functions.



STRENGTHEN RESILIENCE

Invest in infrastructure and systems that enhance reliability, security and scalability.



CREATE LONG-TERM VALUE

Drive sustainable growth and deliver superior returns to our investors.

EXPECTED IMPACT



EXPANDED CAPACITY
2-3x production scaling over the next 36 months.



MARKET LEADERSHIP
Strengthen position in high-growth, mission-critical markets.



HIGHER MARGINS
Drive operating leverage through scale and process optimization.



STRATEGIC OPTIONALITY
Maintain flexibility to pursue acquisitions and strategic partnerships.



EVERY DOLLAR INVESTED
BUILDS A STRONGER,
MORE RESILIENT FUTURE.

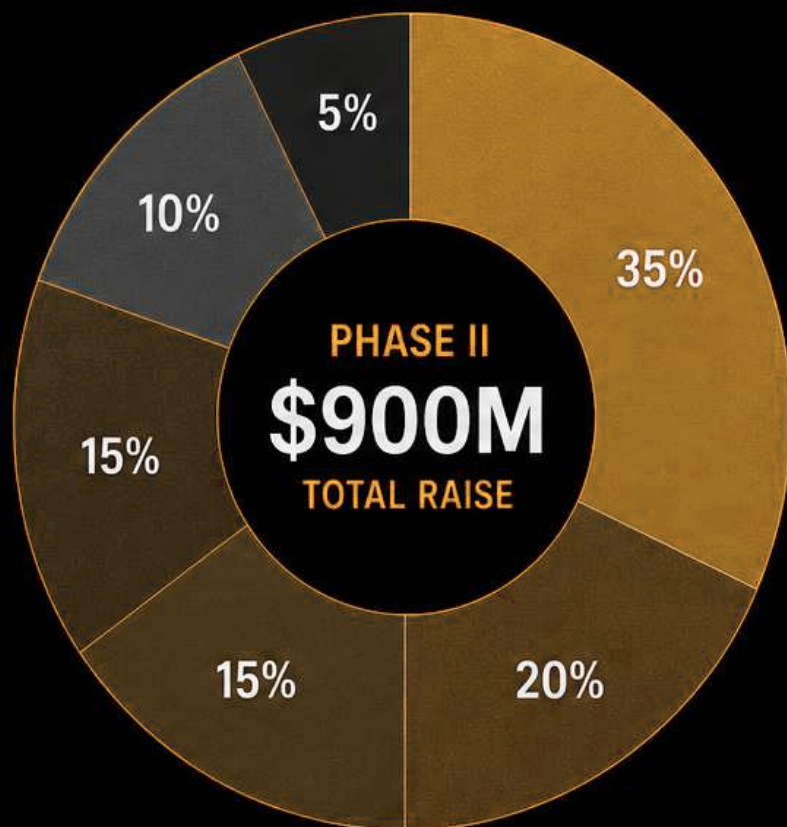
14.2

USE OF FUNDS STRATEGIC CAPITAL ALLOCATION

Strategic allocation of capital to accelerate growth, expand capabilities and strengthen our leadership in advanced basalt materials.



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION



ALLOCATION

- 35%** **MANUFACTURING BASIS DEVELOPMENT**
Further upgrades, scaling up/integrations and applications with Strategic Partners.
- 20%** **INFRASTRUCTURE & LOGISTICS DEVELOPMENTS**
Supply Chains Buy Out/other related.
- 15%** **R&D WITH MAIN FOCUS**
Improvement of materials and new materials development/Co-participation in Integration and Applications R&D for Strategic Partners tasking. *Strategic Partners provide 50%+ portion of these R&D works.*
- 15%** **OPERATIONAL CAPITAL**
- 10%** **STRATEGIC RESERVE**
- 5%** **MANAGEMENT TEAM SCALING UP**

KEY PRIORITIES



SCALE PRODUCTION

Increase capacity to meet growing demand across defense, infrastructure and industrial end markets.



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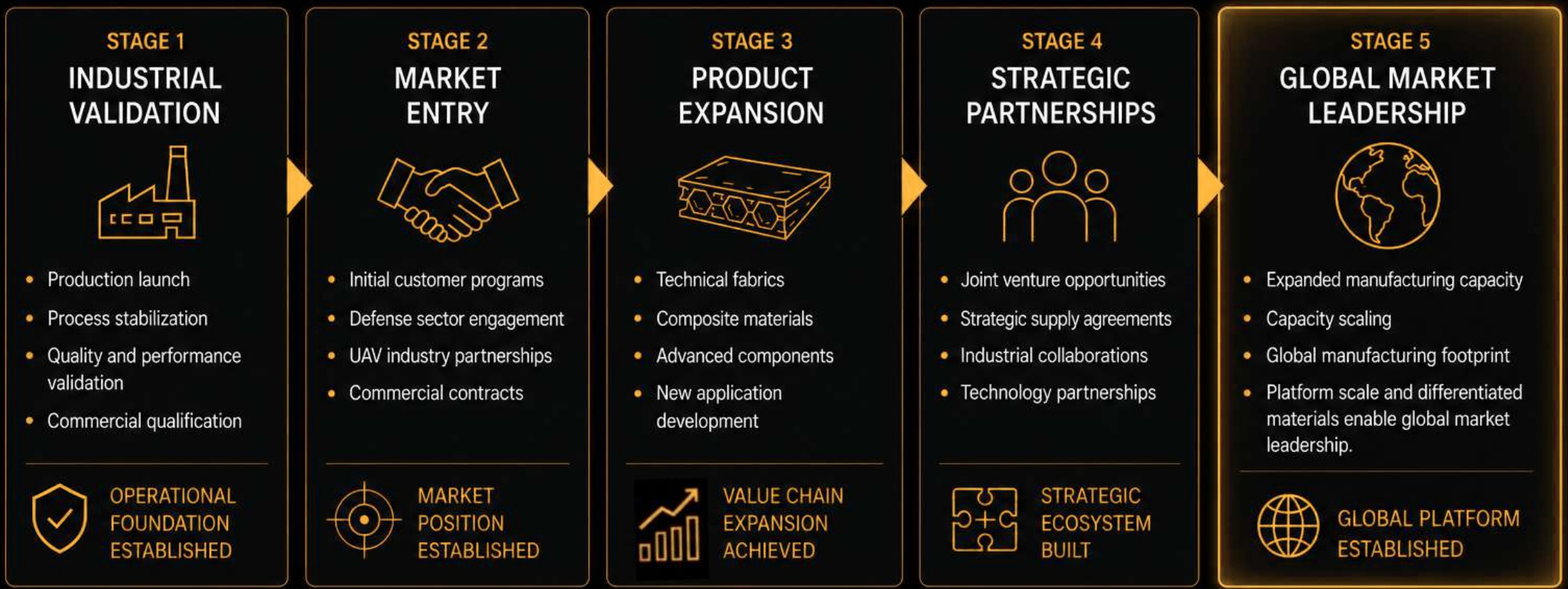
FUNDS DISTRIBUTION WILL BE PERFORMED STRICTLY UPON APPROVAL BY **STRATEGIC BOARD OF DIRECTORS AND REPRESENTATIVES OF STRATEGIC PARTNERS.**

15 | EXECUTION MILESTONES

FROM INDUSTRIAL ASSET TO STRATEGIC PLATFORM



Our execution roadmap transforms existing industrial capabilities into a scalable advanced materials platform with strong market positioning.



16

COMPETITIVE ADVANTAGES

BUILT DIFFERENT. DELIVERING WHAT OTHERS CAN'T.



Basaltunum combines the unique properties of basalt with advanced engineering to deliver mission-critical solutions that outperform and outlast.

	SUPERIOR PERFORMANCE	Engineered basalt composites deliver exceptional strength, thermal stability, and durability in the most demanding environments.
	LIGHTWEIGHT STRENGTH	High strength-to-weight ratio reduces system weight without compromising performance or protection.
	EXTREME THERMAL RESISTANCE	Withstands extreme temperatures, thermal shock and high-velocity impacts better than traditional materials.
	CORROSION & WEAR RESISTANCE	Naturally resistant to corrosion, oxidation and wear—extending lifespan and reducing maintenance.
	SCALABLE & COST EFFICIENT	Abundant raw material, scalable processing and efficient manufacturing drive long-term cost advantages.
	GLOBAL ADVANTAGE	Global manufacturing platform, resilient supply chains and international market reach.

	BASALTUNUM	TRADITIONAL MATERIALS
PERFORMANCE UNDER EXTREME CONDITIONS	✓ SUPERIOR	⊖ LIMITED
WEIGHT SAVINGS	✓ HIGH	⊖ LOW
THERMAL STABILITY	✓ EXCELLENT	⊖ MODERATE
CORROSION RESISTANCE	✓ EXCELLENT	⊖ MODERATE
LIFESPAN	✓ LONGER	⊖ SHORTER
COST OVER LIFE CYCLE	✓ LOWER	⊖ HIGHER
SUPPLY CHAIN SECURITY	✓ U.S. BASED	⊖ GLOBAL RISK
SUSTAINABILITY	✓ EXCELLENT	⊖ MODERATE
STRATEGIC IMPACT	✓ MISSION CRITICAL	⊖ COMMODITY

OUR COMPETITIVE EDGE IS YOUR MISSION ADVANTAGE.
STRONGER. LIGHTER. SMARTER.

ENGINEERED FOR MISSION SUCCESS

DELIVERING MEASURABLE ADVANTAGE

POWERING A SAFER, MORE SECURE FUTURE

BUILT IN AMERICA. READY FOR THE WORLD.

17 | STRATEGIC PRIORITIES

BUILDING THE FOUNDATION FOR SCALE



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION

Our focus is on disciplined execution, strategic partnerships and scalable growth to establish America's next advanced materials platform.



1. INDUSTRIAL VALIDATION

Objective: Establish commercial manufacturing readiness

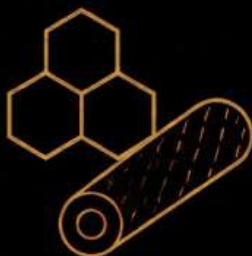
- Production restart and commissioning
- Process optimization
- Quality assurance implementation
- Commercial production readiness



2. MARKET DEVELOPMENT

Objective: Secure strategic customers and partners

- Defense sector engagement
- UAV industry partnerships
- Infrastructure market development
- Strategic industries engagements/partnerships
- Strategic supply agreements



3. PRODUCT EXPANSION

Objective: Move up the value chain

- Continuous basalt fiber
- Technical fabrics
- Composite materials
- Advanced structural components



4. PLATFORM GROWTH

Objective: Create a scalable global platform

- Joint venture opportunities
- Strategic partnerships
- Manufacturing expansion
- Global market penetration



ASSET



TECHNOLOGY



MARKET



PARTNERSHIPS



PLATFORM



BASALTUNUM IS FOCUSED ON TRANSFORMING AN INDUSTRIAL MANUFACTURING PLATFORM INTO A **SCALABLE ADVANCED MATERIALS BUSINESS** SERVING DEFENSE, INFRASTRUCTURE, ENERGY AND AUTONOMOUS SYSTEMS MARKETS.



Our strategy is designed to drive sustainable growth, expand our capabilities and deliver long-term value for our investors, partners and the nation.

OUR STRATEGIC PILLARS

	ADVANCE CORE CAPABILITIES	Invest in R&D and advanced manufacturing to enhance performance, reduce costs and maintain a technology lead.
	EXPAND STRATEGIC MARKETS	Grow presence across defense, aerospace, aviation, automotive, energy (including nuclear), robotics and other advanced industrial markets while pursuing new high-value applications.
	STRENGTHEN PARTNERSHIPS	Forge strategic alliances and government partnerships to accelerate innovation, de-risk programs and expand impact.
	SCALE OPERATIONS EFFICIENTLY	Optimize our supply chain, increase production capacity and drive operational excellence across the enterprise.
	DELIVER LONG-TERM VALUE	Maintain financial discipline, allocate capital wisely and create enduring value for shareholders and stakeholders.

OUR GROWTH ROADMAP



FINANCIAL PRIORITIES

				
PRUDENT CAPITAL DEPLOYMENT	STRONG BALANCE SHEET	DISCIPLINED COST MANAGEMENT	SUSTAINABLE GROWTH	SHAREHOLDER VALUE
Invest in the highest-return opportunities that drive growth and competitiveness.	Maintain financial flexibility to support strategic initiatives and market cycles.	Drive efficiency, reduce waste and improve productivity across all functions.	Balance top-line growth with profitability and cash flow generation.	Deliver consistent, long-term value through disciplined execution.

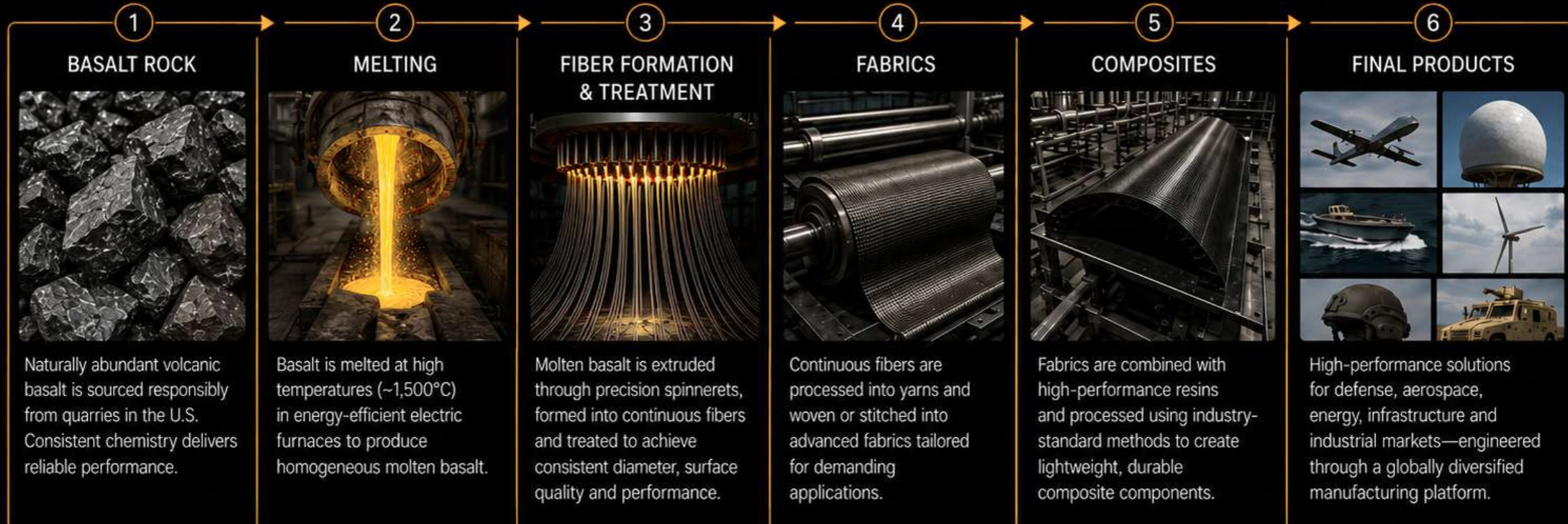
KEY GROWTH TARGETS (LONG-TERM)

			
20%+	20%+	GLOBAL	MISSION CRITICAL
REVENUE GROWTH (CAGR)	ADJUSTED EBITDA MARGIN	MARKET LEADERSHIP	IMPACT FOR NATIONAL SECURITY

BUILDING A STRONGER, MORE SECURE FUTURE—TOGETHER.



Basaltunum's proprietary technology transforms abundant basalt rock into high-performance continuous fibers and composites through a vertically integrated, scalable process.



THE BASALT ADVANTAGE



SUPERIOR PERFORMANCE

High strength, excellent thermal stability, corrosion and chemical resistance.



LIGHTER & STRONGER

Better strength-to-weight ratio than glass with comparable durability.



EXTREME RESILIENCE

Withstands extreme temperatures and harsh environments.



SUSTAINABLE BY NATURE

Abundant, non-toxic and fully recyclable for a lower environmental footprint.



ECO-FRIENDLY

Sustainable manufacturing with low environmental footprint, low emissions and fully recyclable.



COST EFFECTIVE

Raw material abundance and efficient processing drive long-term cost advantages.



STRATEGIC SUPPLY CHAIN

Globally diversified production reduces reliance on adversarial suppliers and secures the future.

20

WHY NOW. THE STRATEGIC MOMENT FOR BASALTUNUM.



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION

Global megatrends, allied security priorities and industrial transformation are converging—creating unprecedented demand for advanced, secure and sustainable materials.

NEXT-GENERATION INDUSTRIAL DEMAND

Advanced composite materials are increasingly required across defense, aerospace, aviation, automotive, energy (including nuclear), robotics, chemical, petrochemical and other high-performance industries.

One materials platform.
Multiple global industries.

GLOBAL MANUFACTURING EXPANSION

Expanding advanced manufacturing capabilities across strategic regions strengthens industrial resilience, innovation and market access.

Global manufacturing.
Strategic resilience.



DEFENSE SPENDING AT RECORD LEVELS

U.S. defense budgets are rising to modernize capabilities, deter adversaries and secure technological superiority.

More investment. More demand.
More opportunity.

CRITICAL ENERGY & INFRASTRUCTURE MODERNIZATION

Modernization of energy, nuclear and critical infrastructure creates unprecedented demand for next-generation composite materials.

Basalt enables the next generation of resilient infrastructure.



DIVERSIFIED & SECURE SUPPLY CHAINS

Diversified manufacturing and resilient supply chains reduce strategic dependence and strengthen national and allied security.

Strategic materials.
Secure supply.
Competitive advantage.



BASALTUNUM STRATEGIC ADVANCED MATERIALS.

GLOBAL IMPACT.
GLOBAL LEADERSHIP.

SUSTAINABILITY & ENVIRONMENTAL PERFORMANCE MATTER

Basalt is a natural, abundant and recyclable resource with a lower environmental footprint compared to alternatives.
High performance. Lower impact. A smarter future.



THE TIME IS NOW.
BASALTUNUM IS POSITIONED TO LEAD.



GLOBAL
MANUFACTURING



STRATEGIC
SECURITY



LONG-TERM
GROWTH



GLOBAL
IMPACT



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION

POWERING GLOBAL DEVELOPMENT OF DEFENSE, STRATEGIC INDUSTRIES AND CRITICAL INFRASTRUCTURE

21 | SHELBY MANUFACTURING PLATFORM

A STRATEGIC ASSET. BUILT FOR SCALE.



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION

Our Shelby, North Carolina facility is a fully permitted, heavy-industrial site with existing infrastructure and equipment—uniquely suited for advanced materials production and rapid operational scale-up.



SHELBY, NORTH CAROLINA
ESTABLISHED INDUSTRIAL HUB



- ✓ Prime industrial location
- ✓ Excellent logistics & rail access
- ✓ Skilled manufacturing workforce
- ✓ Strong community & government support

FACILITY OVERVIEW



TOTAL SITE AREA
~18 ACRES

Room to expand
and scale



BUILDING AREA
~220,000 SQ FT

Heavy-industrial
infrastructure



EXISTING EQUIPMENT
FIBER & FABRIC LINES

Operational
and scalable



POWER CAPACITY
20 MW

Ample capacity for
advanced processes



UTILITIES
WATER, GAS, AIR

Industrial-grade
in place



ZONING & PERMITS
INDUSTRIAL / MANUFACTURING

Fully permitted
for production



RAIL ACCESS
ON-SITE RAIL SPUR

Direct rail access
for raw materials
and shipping

A LAUNCHPAD FOR AMERICAN MATERIALS LEADERSHIP



Immediate
Operational
Capability

Existing infrastructure
enables rapid
time-to-production.



Scalable
Footprint

Significant land
and building capacity
for future lines.



Cost & Time
Advantage

Repurposed asset
reduces capex
and accelerates ROI.



Strategic
Workforce

Access to an experienced
manufacturing talent
pool.



Supportive
Environment

Local and state
support for advanced
manufacturing.



BUILT. PERMITTED. READY TO SCALE.
THE FOUNDATION OF BASALTUNUM'S GROWTH.

22 | DEFENSE APPLICATIONS

MISSION-CRITICAL MATERIALS FOR MODERN WARFARE.



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION

Basalt fiber composites deliver the performance, survivability and cost-efficiency needed to meet the evolving demands of the U.S. defense ecosystem.



UAV STRUCTURES



- Lightweight, high-strength airframes improve payload and endurance
- Corrosion and fatigue resistant for harsh environments
- Lower radar signature with composite structures
- Enabling next-generation UAVs and autonomous aerial systems



ARMOR & PROTECTION SYSTEMS



- High energy absorption and impact resistance
- Spall-resistant and multi-hit capability
- Lighter than steel—enhances mobility and survivability
- Ideal for vehicles, shelters and personal protection



RADOMES & ANTENNA SYSTEMS



- RF transparent and electromagnetically stable
- Maintains performance across extreme temperatures
- Durable, weather-resistant and low-maintenance
- Ideal for airborne, maritime and ground systems



MISSILE & WEAPON COMPONENTS



- High strength-to-weight improves range and payload
- Thermal stability for high-temperature applications
- Precision manufacturing for complex geometries
- Reduces system weight while increasing performance



NAVAL & MARITIME APPLICATIONS



- Corrosion-resistant in saltwater environments
- Ideal for masts, hull structures, deck components and UAVs
- Non-magnetic and low maintenance
- Supports naval vessels, UUVs and next-generation maritime systems

THE BASALT ADVANTAGE IN DEFENSE



LIGHTER

Reduces weight without sacrificing strength.



STRONGER

High strength and impact resistance under extreme stress.



THERMALLY STABLE

Performs in extreme temperatures from -200°C to $+700^{\circ}\text{C}$.



CHEMICALLY RESISTANT

Resistant to corrosion, chemicals and harsh environments.



COST-EFFECTIVE

Lower total system cost through performance and durability.



NON-BRITTLE & DIELECTRIC

Non-brittle behavior with excellent dielectric insulation for advanced defense and electronic applications.



POWERING THE NEXT GENERATION OF DEFENSE SYSTEMS.

BUILT IN AMERICA.
FOR AMERICA.

23 | UAV APPLICATIONS

BUILT LIGHTER. FLY FARTHER. PERFORM BETTER.



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION

Basalt fiber composites provide the ideal balance of **lightweight, strength, durability** and **affordability** for the next generation of UAV platforms across all mission profiles.

IDEAL MATERIAL FOR UAV DESIGN



LIGHTWEIGHT

Up to 30% lighter than carbon fiber



HIGH STRENGTH

Excellent strength-to-weight and impact resistance



THERMALLY STABLE

Performs in extreme heat and cold



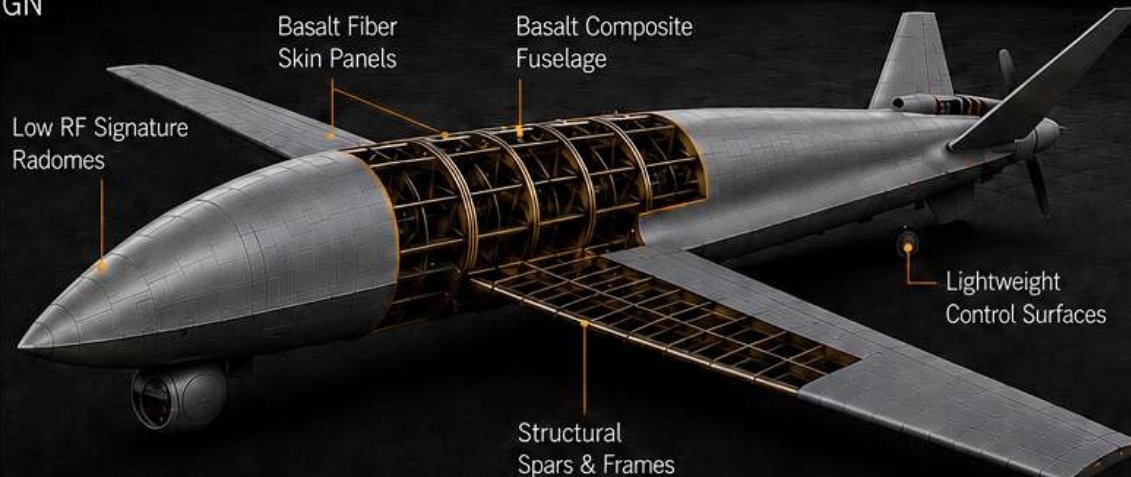
RADAR TRANSPARENT

Low RF signature, ideal for stealth platforms



COST-EFFECTIVE

Significantly lower cost than carbon fiber



ENABLING NEXT-GEN UAV CAPABILITIES



LONGER RANGE

Lower weight = longer flight endurance



HIGHER PAYLOAD CAPACITY

More mission capability per flight



LOWER DETECTABILITY

Radar transparent, low observable



MISSION RELIABILITY

Resistant to corrosion, fatigue and impact



LOWER TOTAL COST OF OWNERSHIP

Affordable, repairable, and scalable

ACROSS ALL UAV MISSION PROFILES

TACTICAL ISR



LOITERING MUNITIONS



CARGO & LOGISTICS



MARITIME UAVs



STRIKE PLATFORMS



EW & SIGINT



UP TO
30%
LIGHTER



2X
IMPACT
RESISTANCE



**-200°C
TO 700°C**
THERMAL RANGE



**LOW RF
SIGNATURE**
STEALTH ADVANTAGE



UP TO
40%
LOWER COST
THAN CARBON FIBER



**SCALABLE GLOBAL
PLATFORM**
DIVERSIFIED SUPPLY CHAIN

24 | INFRASTRUCTURE & APPLICATIONS

BUILT STRONGER. LASTS LONGER. COSTS LESS OVER TIME.



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION

Basalt fiber composites provide a durable, corrosion-resistant and cost-effective solution for critical infrastructure—extending service life, reducing maintenance and revolutionizing global infrastructure.

BRIDGES & STRUCTURES	BUILDINGS & FACILITIES	PIPES & TANKS	POWER & UTILITY INFRASTRUCTURE	ROADS & CIVIL ENGINEERING
 • Lightweight strengthening systems • Corrosion-resistant rebar alternatives • Advanced BCI-layered cables for lighter construction, higher strength & greater flexibility • Extended service life • Reduced maintenance and downtime	 • High-strength structural components • Seismic and impact resistance • Non-corrosive, non-magnetic • Fire and thermal performance	 • Corrosion-resistant piping systems • Chemical and abrasion resistance • Infrastructure for hydrogen distribution networks • Materials for nuclear waste processing, handling and storage systems • Longer life in harsh environments • Lower lifecycle cost	 • Non-conductive and dielectric materials • Strong and lightweight for poles and components • Resistant to weather and UV degradation • Ideal for grid modernization	 • Reinforcement for asphalt and concrete • Crack resistance and fatigue performance • Lightweight barrier systems • Lower total cost of ownership

INFRASTRUCTURE NEEDS SMARTER MATERIALS



CORROSION IMMUNITY
Basalt composites resist rust, chemicals and harsh environments.



LONGER SERVICE LIFE
Significantly outlasts traditional materials—lower replacement costs.



LIGHTWEIGHT & STRONG
High strength-to-weight improves design flexibility and performance.



SUSTAINABLE CHOICE
Natural, abundant and recyclable with a low environmental footprint.



LOWER LIFECYCLE COST
Reduced maintenance, less downtime and longer asset performance.

KEY ADVANTAGES OF BASALT COMPOSITES



HIGH DURABILITY
Withstands extreme weather, chemicals and wear.



CORROSION RESISTANT
Ideal replacement for steel in harsh environments.



THERMALLY STABLE
Performs in extreme temperatures from -200°C to +700°C.



EASY TO MANUFACTURE & INSTALL
Lower manufacturing costs, faster installation and reduced labor.



SUSTAINABLE & SAFE
Non-toxic, recyclable and environmentally friendly.



STRONGER INFRASTRUCTURE
Built to last.



LOWER COST
Reduced maintenance and replacement expenses.



FASTER DELIVERY
Quicker installation and less downtime.



GLOBAL ADVANTAGE
Secure, diversified supply of critical materials.

GLOBAL IMPACT



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION

POWERING GLOBAL DEVELOPMENT OF DEFENSE, STRATEGIC INDUSTRIES AND CRITICAL INFRASTRUCTURE

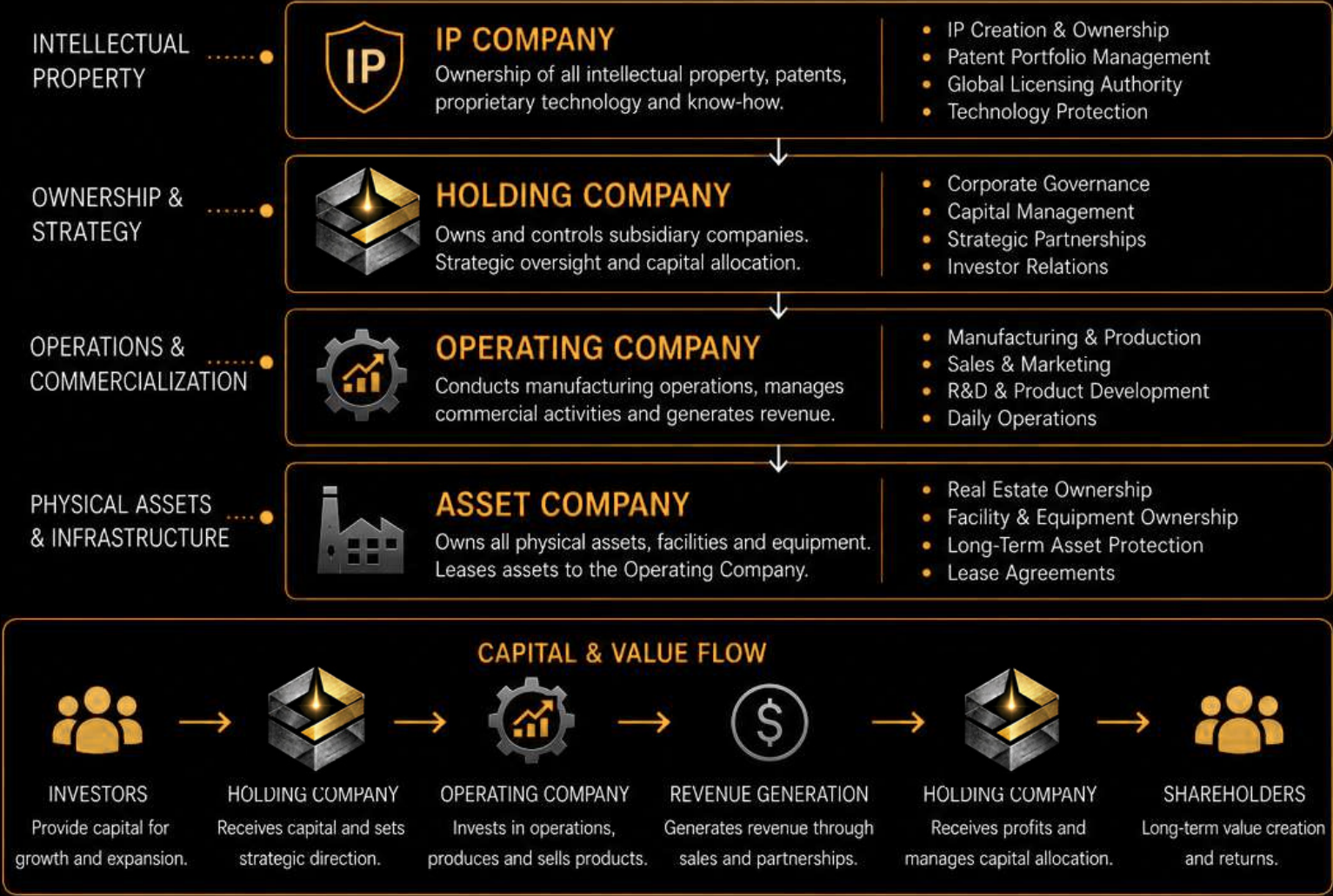
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CORPORATE STRUCTURE

BUILT TO PROTECT. DESIGNED TO SCALE. POSITIONED TO WIN.



BASALTUNUM's corporate structure is designed to protect intellectual property and strategic assets, ensure operational excellence, and enable scalable growth through licensing, joint ventures and global expansion.

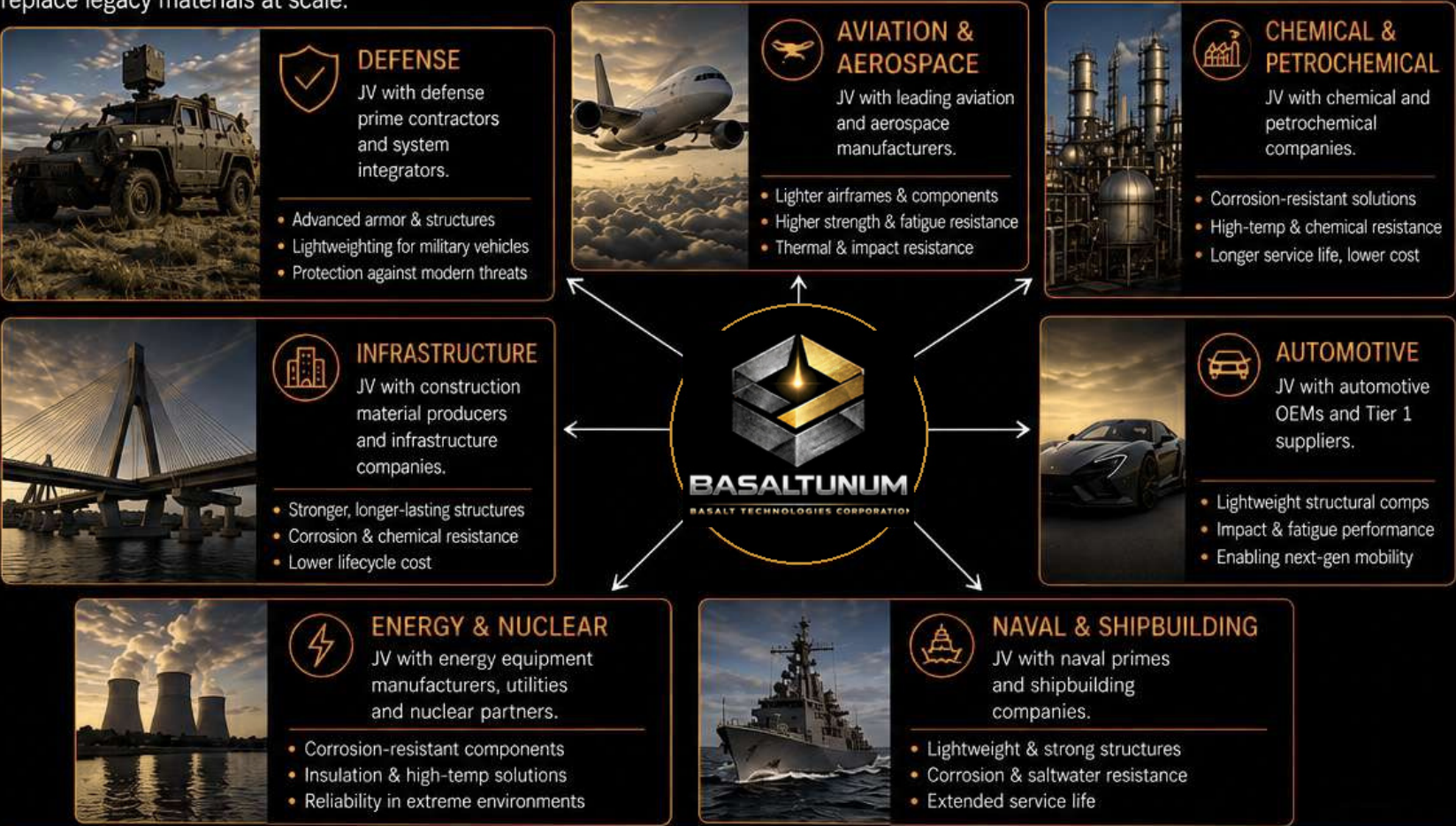


WHY THIS STRUCTURE WORKS

-  **ASSET PROTECTION**
Protects physical assets and limits liability exposure at each entity level.
-  **IP PROTECTION**
Secures proprietary technology and enables global licensing revenue.
-  **INVESTOR TRANSPARENCY**
Clear separation of ownership, operations and assets builds investor confidence.
-  **SCALABLE LICENSING & SUBLICENSING MODEL**
Enables scalable licensing, sublicensing and royalty revenue across multiple markets.
-  **FUTURE JOINT VENTURES**
Flexible structure allows for strategic partnerships and equity participation.
-  **INTERNATIONAL EXPANSION READY**
Designed for global growth while maintaining control of IP and assets.



BASALTUNUM leverages strategic joint ventures to embed our advanced basalt fiber composites into mission-critical applications, accelerate market penetration and replace legacy materials at scale.



BENEFITS OF JV MODEL

- FASTER MARKET PENETRATION**
Leverage partner capabilities, channels and customer access.
- SHARED CAPITAL REQUIREMENTS**
Reduce capital burden and accelerate ROI.
- EMBEDDED CUSTOMER BASE**
JVs create long-term demand and recurring revenue.
- HIGHER MARGINS**
Move up the value chain into finished products and systems.
- LONG-TERM CONTRACTS**
Strategic partnerships enable multi-year supply agreements.
- GLOBAL EXPANSION**
Local partners enable rapid access to global markets.



27 | RISK MANAGEMENT & VALUE CREATION

PROTECTING THE BUSINESS. DELIVERING LONG-TERM VALUE.



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION

BASALTUNUM operates at the intersection of advanced materials, defense and infrastructure—sectors with long-term, structural demand. Our disciplined risk management approach and commitment to operational excellence are designed to maximize resilience and shareholder value.

RISK MANAGEMENT FRAMEWORK



MARKET RISK

- Energy price volatility
- Raw material and processed material price volatility
- Competition from alternative materials

MITIGATION

Focus on mission-critical applications, long-term contracts and advanced performance advantages.



OPERATIONAL RISK

- Equipment reliability and uptime
- Workforce availability and retention

MITIGATION

Proven equipment, experienced team and comprehensive maintenance and training programs.



SUPPLY CHAIN RISK

- Raw material availability
- Supplier concentration
- Logistics disruptions

MITIGATION

Diversified suppliers, strategic inventory and domestic sourcing whenever possible.



REGULATORY RISK

- Environmental compliance
- Trade and export controls
- Evolving standards

MITIGATION

Robust compliance program, active monitoring and engagement with regulators and industry groups.



FINANCIAL RISK

- Capital requirements
- Interest rate and inflation exposure
- Execution risk

MITIGATION

Disciplined capital allocation, phased investments and strong financial governance.

VALUE CREATION FLYWHEEL



BUILD & SCALE CAPACITY

Expand production capability and optimize operations.



DELIVER SUPERIOR PERFORMANCE

Provide advanced materials that outperform legacy alternatives.



WIN STRATEGIC PARTNERSHIPS

Secure long-term contracts and JV opportunities.



DRIVE PROFITABLE GROWTH

Expand into adjacent markets and higher-value products.



CREATE LONG-TERM VALUE

Generate strong returns and reinvest for future growth.

KEY SUCCESS FACTORS



STRATEGIC POSITIONING

Unique, non-ceramic basalt fiber with superior properties for high-performance applications.



DIVERSIFIED SUPPLY CHAIN

Diversified global manufacturing footprint reduces supply chain risk and strengthens resilience.



SCALABLE PLATFORM

Proven technology and facility capable of scaling to meet significant market demand.



HIGH-VALUE MARKETS

Targeting defense, aerospace, infrastructure and energy—markets with strong tailwinds.



LONG-TERM VALUE CREATION

Building a durable enterprise positioned for sustained growth and shareholder returns.

TARGET OUTCOMES (5+ YEARS)



\$5B+
Annual Revenue



Diversified
Global Manufacturing
Footprint



1,500+
American Jobs



Mission-Critical
Supply Partner



20%+
Adj. EBITDA Margin



Long-Term
Shareholder Value



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION

POWERING GLOBAL DEVELOPMENT OF DEFENSE, STRATEGIC INDUSTRIES AND CRITICAL INFRASTRUCTURE

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STRATEGIC RELEVANCE

WHY BASALTUNUM MATTERS

BASALTUNUM is building a global advanced materials platform that strengthens economic resilience, supports national and allied security, and delivers long-term value across critical industries worldwide.



NATIONAL & ALLIED SECURITY

- Critical materials for defense and strategic applications
- Supports defense and critical infrastructure applications
- Strengthens long-term security and supply chain resilience

GLOBAL INDUSTRIAL RESILIENCE

- Advanced domestic and allied manufacturing
- Reduces reliance on imports and foreign suppliers
- Strengthens global industrial base and economic sovereignty

CRITICAL GLOBAL INFRASTRUCTURE

- Enables stronger, lighter and more durable solutions
- Supports transportation, energy and industrial infrastructure
- Built for long-term performance and safety

PROPRIETARY IP & PRODUCT LEADERSHIP

- Proprietary IP and manufacturing technology
- Unique product specifications with no direct competitive equivalent
- Environmentally friendly basalt-based materials
- Continuous innovation and product development

SUSTAINABLE & ENVIRONMENTALLY FRIENDLY MATERIALS

- Low environmental footprint
- Non-toxic and recyclable
- Sustainable production processes
- Supports a cleaner, more resilient future

GLOBAL PLATFORM FOR GROWTH

- Scalable global manufacturing platform
- Strategic partnerships and collaborations
- Expanding market applications and worldwide reach

STRENGTHENS GLOBAL SECURITY & SUPPLY CHAIN RESILIENCE

CREATES HIGH-QUALITY JOBS & ADVANCES MANUFACTURING

DRIVES ECONOMIC GROWTH & INDUSTRIAL COMPETITIVENESS

SUPPORTS SUSTAINABLE & FUTURE-READY MATERIALS SOLUTIONS

WORLD'S advanced basalt fiber and composite solutions company, supporting **defense, critical infrastructure, energy** and **strategic industries** worldwide.

29 | STRATEGIC MOATS

WHY BASALTUNUM CAN WIN



BASALTUNUM
BASALT TECHNOLOGIES CORPORATION

Our competitive advantages are built on real assets, advanced materials science, and strategic alignment with long-term U.S. defense and industrial priorities—creating barriers to entry and durable shareholder value.

1



EXISTING INDUSTRIAL ASSET

- Operational manufacturing facility in Shelby, NC
- Purpose-built for advanced materials production
- Significant time and capital advantage vs. greenfield projects

2



GLOBAL DIVERSIFIED MANUFACTURING PLATFORM

- International diversified manufacturing reduces supply chain risk
- Geographic production diversification improves resilience
- Supports global customers and strategic industries

3



MULTI-MARKET EXPOSURE

- Diversified end markets reduce cyclical risk
- Defense, UAV, infrastructure and energy applications
- Large, growing addressable markets with long-term demand tailwinds

4



JOINT VENTURE EXPANSION MODEL

- De-risked market entry through customer-aligned JVs
- Accelerated scale and revenue growth
- Higher value capture and stronger competitive positioning

5



VERTICAL INTEGRATION POTENTIAL

- Control across the value chain from fiber to finished systems
- Higher margins and product differentiation
- Strong foundation for downstream expansion

6



DIVERSIFIED GLOBAL SUPPLY CHAIN POSITIONING

- Diversified international supply chain reduces dependency on any single region
- Supports resilient sourcing and global operations
- Long-term strategic relevance through global supply chain resilience



High Barriers to Entry



Scalable Business Model



Technology Leadership



Strategic Alignment with U.S. Priorities



Long-Term Value Creation

DURABLE COMPETITIVE ADVANTAGE



BASALTUNUM is building a **strategic materials platform** that is difficult to replicate, accelerates strategic industrial priorities and delivers **long-term value** for investors.



WORLD'S advanced basalt fiber and composite solutions company, supporting **defense, critical infrastructure, energy** and **strategic industries** worldwide.

BASALTUNUM

BUILDING A GLOBAL STRATEGIC MATERIALS PLATFORM

Advanced materials. Global manufacturing. Strategic impact.
A platform for today's missions and tomorrow's challenges.



BASALTUNUM

BASALT TECHNOLOGIES CORPORATION

TODAY



STRATEGIC MANUFACTURING PLATFORM
Industrial platform located in Shelby, North Carolina with existing infrastructure ready to scale.



BASALT-BASED ADVANCED MATERIALS
Advanced basalt fiber with unique performance advantages across the most demanding environments.



DIVERSIFIED GLOBAL MANUFACTURING PLATFORM
Multi-region manufacturing network that strengthens supply chain resilience, supports strategic industries and enables scalable global production.

ONE MATERIAL PLATFORM. MULTIPLE MISSION-CRITICAL MARKETS.



OUR MISSION

Build the world's basalt-based advanced materials platform for defense, infrastructure, energy and advanced manufacturing.

INNOVATE • MANUFACTURE • PARTNER • DELIVER

FUTURE



DEFENSE SYSTEMS
Advanced materials for mission-critical applications.



UAV PLATFORMS
Lighter, stronger, mission-ready solutions for the future of defense and security.



INFRASTRUCTURE SOLUTIONS
Stronger, longer-lasting materials for critical infrastructure and resilient communities.



ENERGY APPLICATIONS
Materials that perform in extreme conditions and support a more secure energy future.



STRATEGIC PARTNERSHIPS
Joint ventures and long-term alliances that accelerate scale and create lasting value.



Strengthens Global Security and Alliances



Creates High-Quality Jobs and Supports Communities Worldwide



Drives Long-Term Economic Growth and Innovation



Reduces Dependence on Single-Source Supply Chains



Supports Critical Infrastructure Resilience

FROM INDUSTRIAL ASSET TO STRATEGIC PLATFORM.
BUILDING A GLOBAL STRATEGIC MATERIALS PLATFORM FOR DEFENSE,
INFRASTRUCTURE, ENERGY AND ADVANCED MANUFACTURING.
Build Globally. Built for the Future.



BASALTUNUM

BASALT TECHNOLOGIES CORPORATION

POWERING GLOBAL DEVELOPMENT OF DEFENSE, STRATEGIC INDUSTRIES AND CRITICAL INFRASTRUCTURE