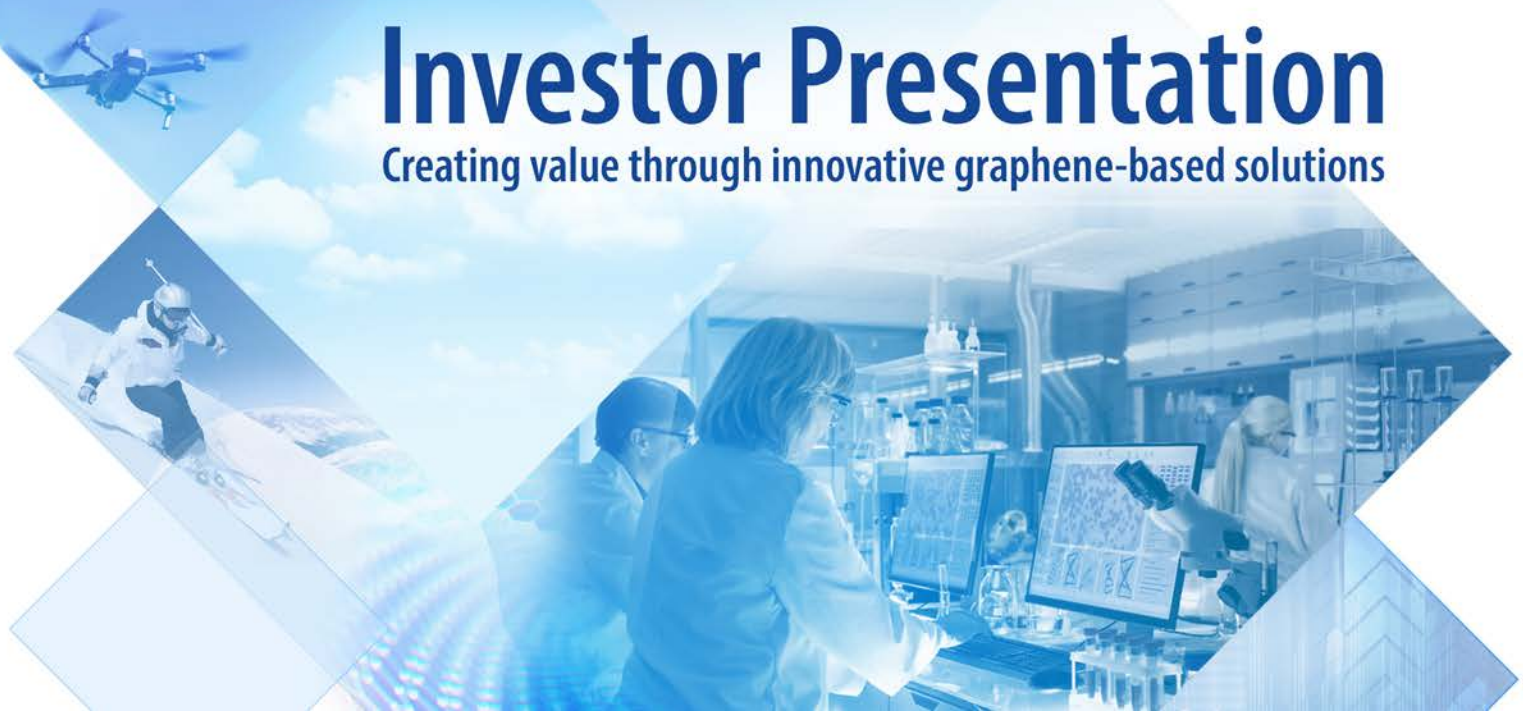
G6 Materials

TSX-V: GGG | OTCQB: GPHBF

SEPTEMBER 2021

Investor Presentation

Creating value through innovative graphene-based solutions



Forward-Looking Statements

This presentation may contain forward-looking statements. Forward-looking statements are statements that relate to future, not past, events. In this context, forward-looking statements often address a company's expected future business and financial performance, and often contain words such as "anticipate," "believe," "plan", "estimate", "expect", and "intend", statements that an action or event "may", "might", "could", "should", or "will" be taken or occur, or other similar expressions. By their nature, forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause our actual results, performance or achievements, or other future events, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. Such factors include, among others, the following risks: the risks associated with outstanding litigation, if any; risks associated with adoption by industries of graphene-based products health and environmental factors affecting adoption of these technologies; reliance on key personnel; the potential for conflicts of interest among certain officers, directors or promoters with certain other projects; the absence of dividends; competition; dilution; the volatility of our common share price and volume; and tax consequences to U.S. Shareholders. Forward-looking statements are made based on management's beliefs, estimates and opinions on the date that statements are made, and the Company undertakes no obligation to update forward-looking statements if these beliefs, estimates, and opinions or other circumstances should change. Investors are cautioned against attributing undue certainty to forward-looking statements. Further, although the effectiveness of proposed products or services is based on strong scientific evidence, the Company cannot guarantee the performance parameters of new products or services and their efficiency against specific microbes including all types of viruses and bacteria until testing is completed. Accordingly, the Company can not guarantee any outcomes of such testing on new products or services.

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What is Graphene?

Graphene is a one-atom thick, 2D layer of carbon atoms arranged in a hexagonal lattice.

It provides limitless applications and enormous potential to disrupt many industries.

Incredibly strong, ~200 times steel

Minute quantities added to materials can drastically improve their properties

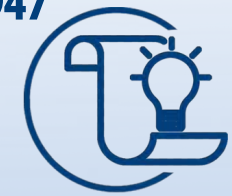
Excellent conductor of heat & electricity

Highest volume : surface area ratio of all materials

1924

Graphite's layered structure identified

1947



The theory of a 2D graphene structure first identified

2004

First isolation of graphene by Prof. Geim & Prof. Novoselov

2010

Prof. Geim & Prof. Novoselov win Nobel Prize

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Who We Are

About G6 Materials Corp.

- Deep understanding of graphene technology based on decades of aggregate team experience
- Premium research lab and scalable production facility
- Numerous customers from among the Fortune 500 group of companies, as well as NASA and leading universities
- Existing cash flow from operations from graphene-based products
- Focused on developing graphene-advanced air purification solutions, and integrating its acquisition of GX Technologies; new graphene-based applications identified to accelerate growth
- Valuable IP portfolio: 5 patents granted; 4 patent applications filed

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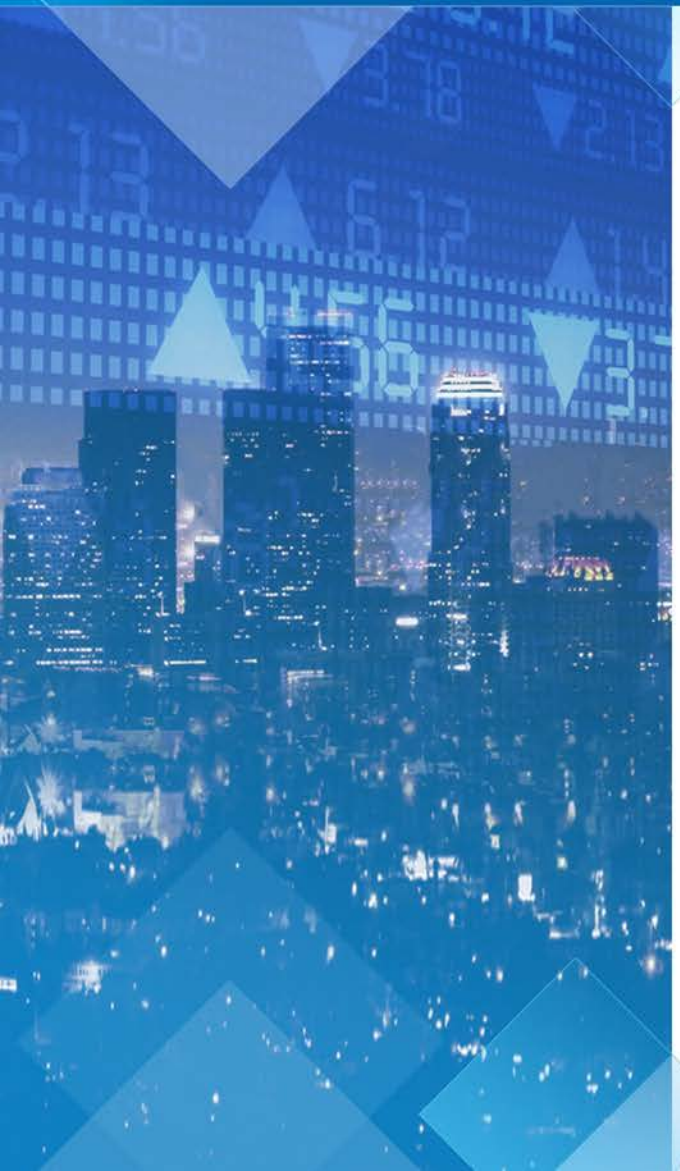

Mission

To bring innovative graphene-based products to high-value markets and maximize the value of a strong IP portfolio.

Business Model

1. Identify customer needs and opportunities in the market for graphene-based solutions
2. Use industry-leading expertise through research and development to create better solutions with improved performance
3. Verify, test and analyze new product performance to mitigate risks and maximize customer satisfaction
4. Scale-up manufacturing and deliver products to industrial partners and/or end consumers
5. Additionally, monetize IP through manufacturing contracts, licensing arrangements, royalty structures or their outright sale

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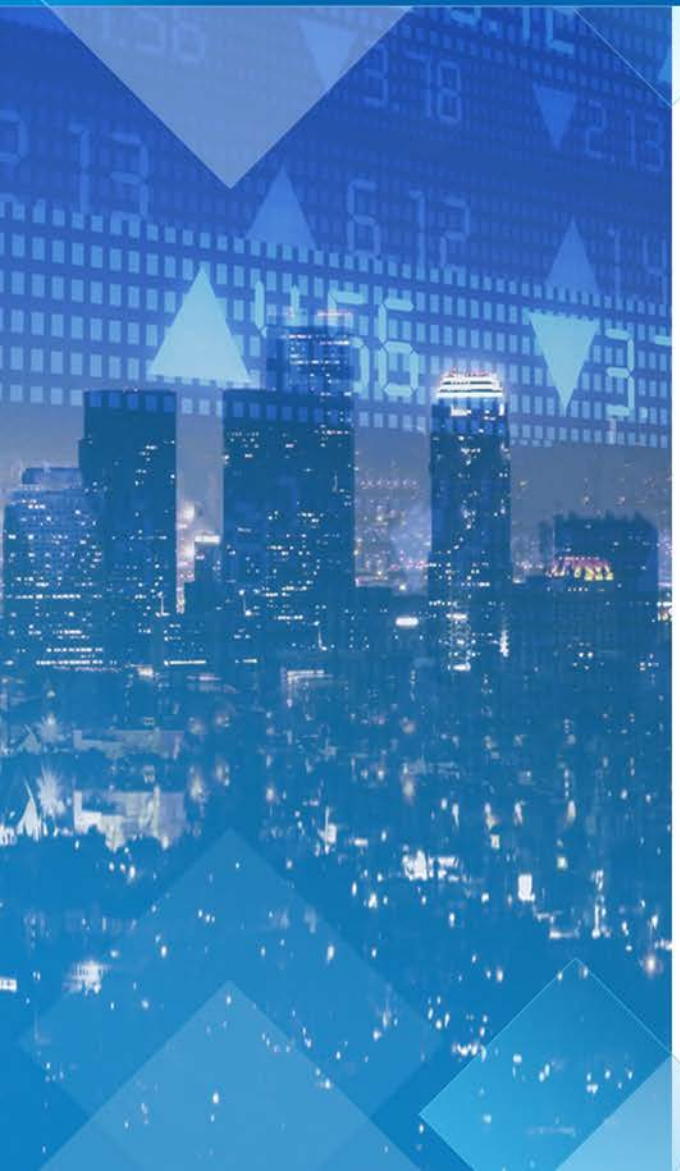

Existing & Historical Customer Base

to Rapidly Leverage Expansion Plans

Existing customers are leading R&D departments of large commercial organizations and research laboratories, who have prequalified the high standard of product from G6 Materials.

MIT IBM AMD

Stanford University HARVARD UNIVERSITY

NASA Pfizer Ford

Recent Highlights

G6 Materials Corp. is focused on satisfying customer demand for existing air filtration products and developing advanced air purification solutions, among other strategic pursuits.

Graphene has extraordinary antiviral and antibacterial properties, thereby making the Company well-positioned to apply its expertise to gain market share.

- **September 2021:** G6 Materials Reports Record Financial Results for the 2021 Fiscal Year, featuring 110% Growth in Revenue for the Year-Ended May 31, 2021
- **September 2021:** G6 Materials announces that its air purifier prototype reduces pathogenic microorganisms by 99.9% in Antimicrobial Efficacy Test
- **August 2021:** G6 Materials closes previously announced acquisition of GX Technologies
- **May 2021:** G6 Materials announces granting of 2 patents by USPTO, bringing total to 5 granted patent
- **April 2021:** G6 Materials records strong 3Q21 financial results, featuring 276% revenue growth for the nine-month period ending February 28, 2021
- **April 2021:** G6 Materials Successful Closing of $5.4 Million Non-Brokered Equity Financing

Strategic Acquisition of GX Technologies

Team
Combines a highly regarded R&D team with world leading project development and commercial personnel.

Access to Capital
GX team has raised over US$500M in equity funding from public markets. US$63M on the Nasdaq in 2020 alone.

Development Site
Option to acquire an advanced development site in low-cost US jurisdiction to enable industrial scale production.

Team
Opportunity to partner with the USACE and leverage relationships with the US DOE and DOD

Mr. Anastasios Arima
Founder of multiple natural resources & technology companies including Piedmont Lithium (Nasdaq: PLL) and TAO Commodities (ASX: TAO), with a successful record of identifying opportunities, raising finance and building strong teams.

Mr. Patrick Brindle
Environmental Engineer with >20 years experience in U.S. and global industrial projects including senior leadership roles with Piedmont Lithium (Nasdaq: PLL) and a successful track record in project permitting, community engagement, technical studies, engineering, construction, commissioning and operations.

Mr. Michael Moyer
Chemical Engineer with over 35 years of experience in project management, process engineering, plant operations and optimization, process safety management, and environmental engineering of chemical plants.

Mr. Tom Feldmann
Finance Professional with > 20 years of corporate finance and PE experience in mining and packaging industries. He has track record of successfully leading acquisition and growth of multiple private manufacturing businesses.

Mr. Dominic Allen
Finance Professional with 15 years experience in the financing, development and operations of natural resource organizations, including senior roles with Rio Tinto Limited and Oyu Tolgoi LLC.

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Rapid Scaling-Up of Production

R&D Laboratory

G6 is a leading global producer of graphene products.

Current laboratory scale facility in Ronkonkoma, NY

Large number of Tier 1 customers who have qualified G6 graphene products

Pilot Facility

Plans in place for rapid expansion to pilot scale graphene oxide production.

Facility to be located in Long Island, NY to leverage existing customer base and supply commercial scale products to market

Industrial Scale Facility

GX acquisition provides opportunity for industrial scale graphene oxide expansion to Natchez, MS

Low-cost operating environment and access to skilled workforce.

Industrial scale allows potential for significant reduction in costs and large operating margins

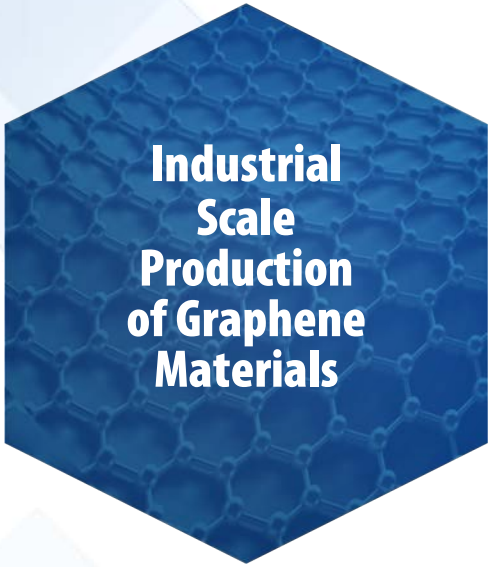
Current Status | **6-12 Months** | **+24 Months**

Potential Development Site

Option to acquire industrial site in a low-cost jurisdiction for rapid scale-up – Natchez, MS.

- Option to acquire an industrial site in Natchez, MS, with key emissions and wastewater applications underway.
- Excellent infrastructure including river transport, road, rail, power and natural gas.
- Low-cost reagents from the nearby petrochemical industry.
- Skilled labor with experience in chemical manufacturing from the south (Mississippi, Louisiana,Texas).

Use in high value applications and industries



$24.6B
Total Market
2027[1]

Air Purification
G6 is currently deploying units with a proprietary graphene-enhanced filter.

$2.3B
Total Market
2027[2]

Conductive Adhesives
G6 is currently incorporating graphene additives to improve the electrical and mechanical properties of epoxies.

$41.2B
Total Market
2024[3]

Advanced Composites
G6 is currently developing enhanced composite formulations, including uses as reinforced materials in the defense and transportation industries.

$1.1B
Total Market
2027[4]

Direct Sales of Graphene Materials
G6 is planning to supply high quality graphene materials for industrial applications.

1. Research & Markets: Air Purifier Market Size, Share & Trends Analysis Report by Technology (HEPA, Activated Carbon, Ionic Filters), by Application (Commercial, Residential, Industrial), by Region, and Segment Forecasts, 2020-2027 2. Reportlinker.com: GlobalElectrically Conductive Adhesives Industry 3. Grand View Research: Advanced Composites Market 4. Grand View Research: Graphene Market Size, Share & Trends Analysis Report By Application (Electronics, Composites, Energy), By Product (Graphene Nanoplatelets, Graphene Oxide), By Region, And Segment Forecasts, 2020 - 2027

Air Purification: Primary Market Opportunity

Indoor Air Purity Matters, Especially Today

Time Spent Indoors

According to the Environmental Protection Agency, the average American spends 93% of their life indoors.

Indoor vs Outdoor

The levels of indoor air pollutants can exceed 100 times that of outdoor levels

Invisible Health Risk

230,000 Americans have died already from poor air quality in 2020*

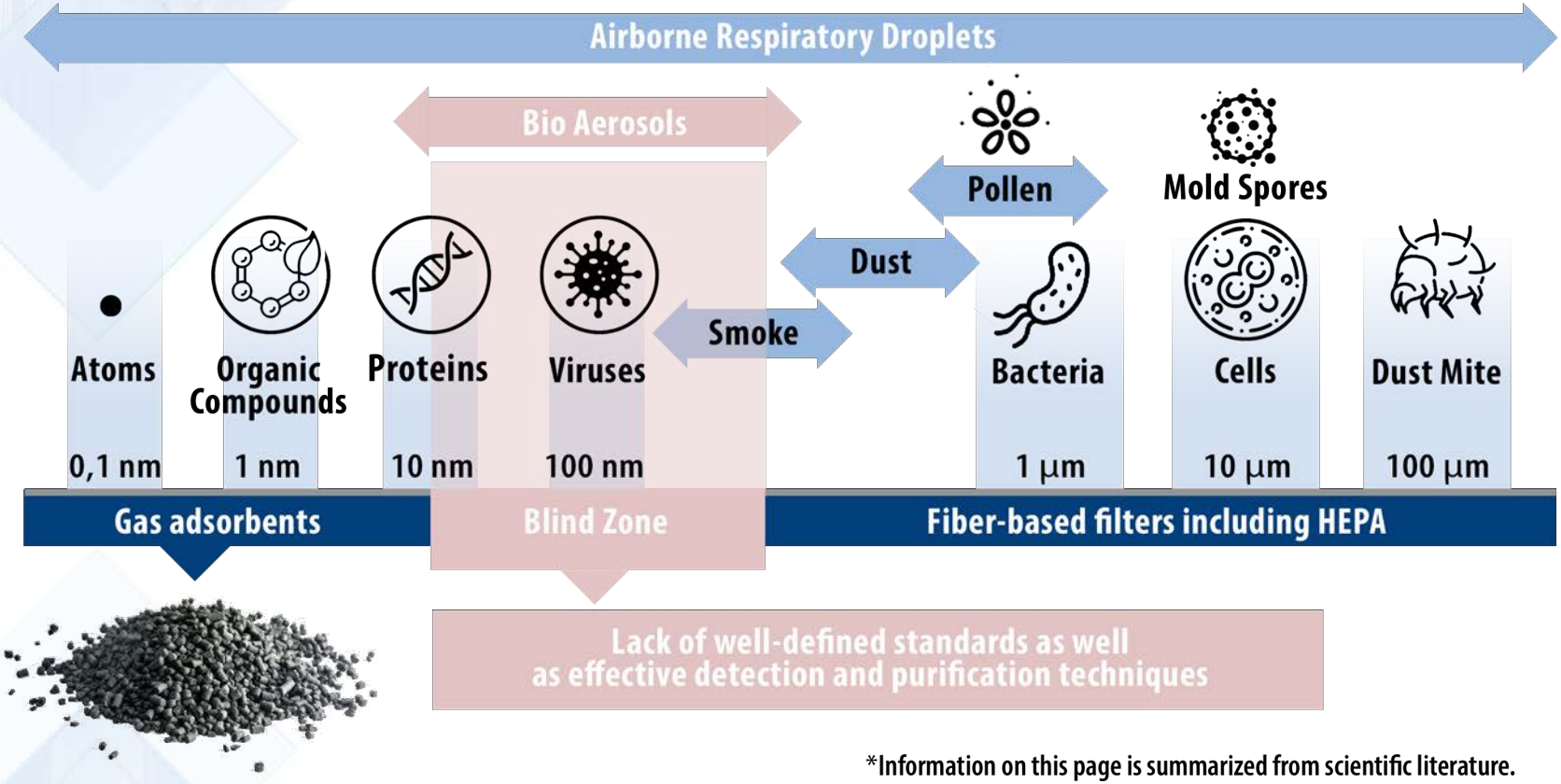
Pathogens in the Air

The indoor air is a major medium for airborne pathogens like viruses, bacteria, and fungal spores

*Source: Research and Markets, Residential Air Purifiers Market by Technology

Types of Air Pollutants

Removal Techniques for Different Particle Sizes*



*Information on this page is summarized from scientific literature.

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Need for New Solutions

Advanced Air Purification Systems

COVID-19 Pandemic: humankind has faced a unique set of challenges in 2020-21

Global Restrictions:
Unprecedented measures taken to force most of the world's population to stay indoors more than usual.

Macro-Economic Shift:
In 2021, businesses, schools, and public venues face unprecedented challenge to stay operational while maintaining safe environment.

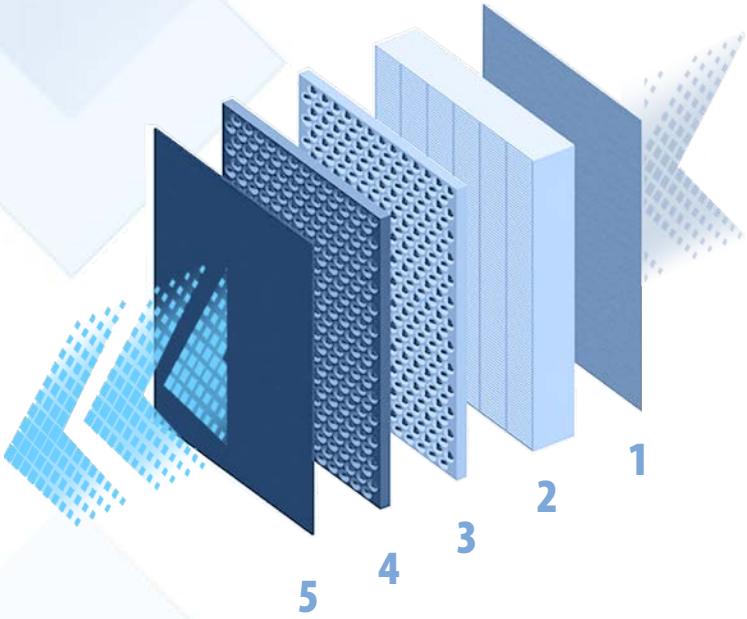
Urgent need to improve indoor air quality:

ENVIROMENTAL PROTECTION AGENCY:
"When used properly, air purifiers can help reduce airborne contaminants including viruses in a home or confined space."

EPA website Frequently Asked Questions about Indoor Air and Coronavirus

Our Solution

A Unique Filter Incorporating Graphene Materials



1 **Pre-Filter** – Captures large particles like dust and hair

2 **TrueHEPA Filter** – Captures small particles down to 0.3 microns like pollen and smoke

3 **Activated Carbon Filter** – Retains carbon and graphene within the filter

4 **Antimicrobial Graphene Filter** – Deactivates pathogens like viruses and bacteria

5 **Post-Filter** – Retains carbon and graphene within the filter

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Go-to Market Strategy for Air Purification Products

Three-Pronged Approach

Consumable Filters for Third-Party Hardware

G6's proprietary filters will be designed to be compatible with many third-party air purification units in the market today.

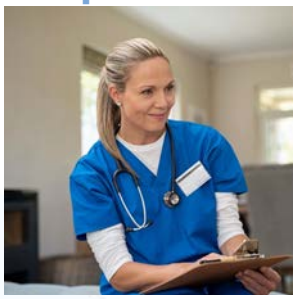
Proprietary Hardware & Consumable Filters

The Company is working to develop its own line of air purification units with a proprietary consumable filter system.

Industrial Air Purification

The Company is also working to develop an air purification solution for HVAC systems in industrial and other large-scale uses.

Sample Market Segments:



Medical/Long-term Care Facilities

Residential

Schools

Corporate/Government Offices

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From a pilot reactor…
…to industrial scale production.

Scaling-Up Graphene Production

Producing High-quality Graphene Materials

Graphene + Resin = Composite

G6 Materials Corp. is increasing its production capacity of high-quality graphene to make enhanced composites and coatings at a competitive cost for the market.

- Only premium graphene can significantly enhance composites.
- Customer demand for stronger and lighter composites is our primary driver to increase production.
- Customers have validated the performance of composites made with our materials.
- Our production process has been confirmed on a pilot scale.
- Tested by third-party independent laboratories.

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Conductive Epoxies

Global Electrically Conductive Adhesives Market to Reach $3.4 Billion by 2027.*

- Established epoxy production facility
- New York facility undergoing ISO certification
- Ecommerce: Distributed under G6-epoxy® brand, www.g6-epoxy.com
- Planning to expand materials portfolio in 2021
- Products evaluated by hundreds of customers
- Anticipating sizable contracts within 6 months

*https://www.reportlinker.com/p05798467/Global-Electrically-ConductiveAdhesives-Industry.html?utm_source=GNW

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Conductive Epoxies: Advantages of Graphene

Graphene is a multifunctional filler that can simultaneously improve several important properties of epoxy resins that our customers require.

Improved electrical properties.

Better resistance to stress, corrosion, cracking and fatigue.

Improved mechanical properties such as tensile strength and stiffness.

Increased reduced flammability, as well as improvedthermal and UV stabi

Reduced density, weight, and cost of epoxy resins.

Improved operational safety and increase cured epoxy durability.

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Conductive Epoxies: typical applications

- Photovoltaic (Solar) Cells
- Smart and flexible electronics
- Temperature Sensitive Electronics
- Medical Devices / Sensors
- EMI / RFI Shielding
- Cold Solder Replacement

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Near-Term Target Milestones

- Commencement of the pilot-scale reactor for graphene oxide production
- ISO Certification of NY Facility
- Expansion of the team in Sales, Business Development, and R&D Departments
- Contracts for Conductive Epoxies
- Launch of our proprietary air purification devices
- Continuation of work with the US Army Corp of Engineers

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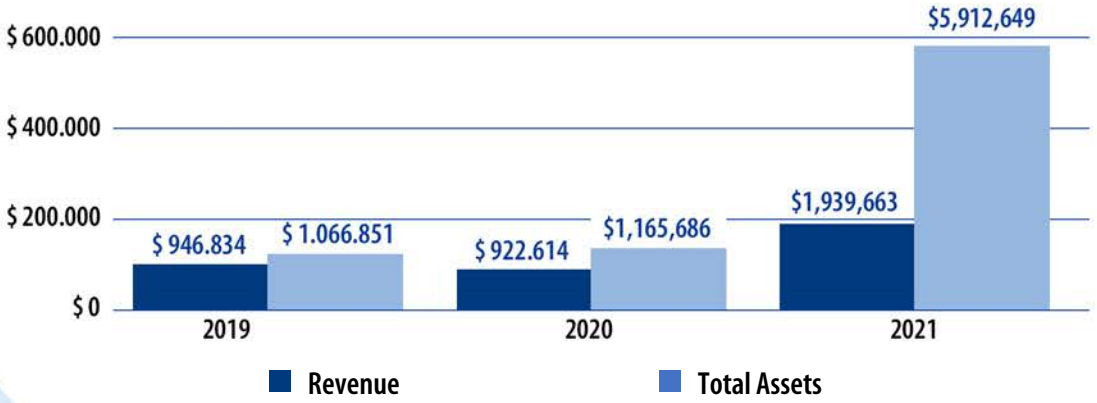
Annual Financial Results

	Year-Ended May 31, 2021	Year-Ended May 31, 2020	Year-Ended May 31, 2019
Revenue	$1,939,663	$922,614	$946,834
Gross Profit	$517,393	$202,245	$592,964
Net Loss	$1,129,816	$1,014,348	$599,373
Comprehensive Loss	$938,601	$1,002,112	$601,565
Net loss per share	$0,01	$0,01	$0,01
Total non-current financial liabilities	$149,733	$nil	$24,000

Key Financial Metrics

Annual Growth in Revenue & Total Assets



Capitalization Table

As of September 28, 2021

TSXV: GGG OTCQB: GPHBF	
Share Price	C$0.17
Market Capitalization	C$27,825,462
Shares Issued and Outstanding	163,679,193
Warrants	24,433,143
Options	7,495,000
Fully Diluted	195,607,336

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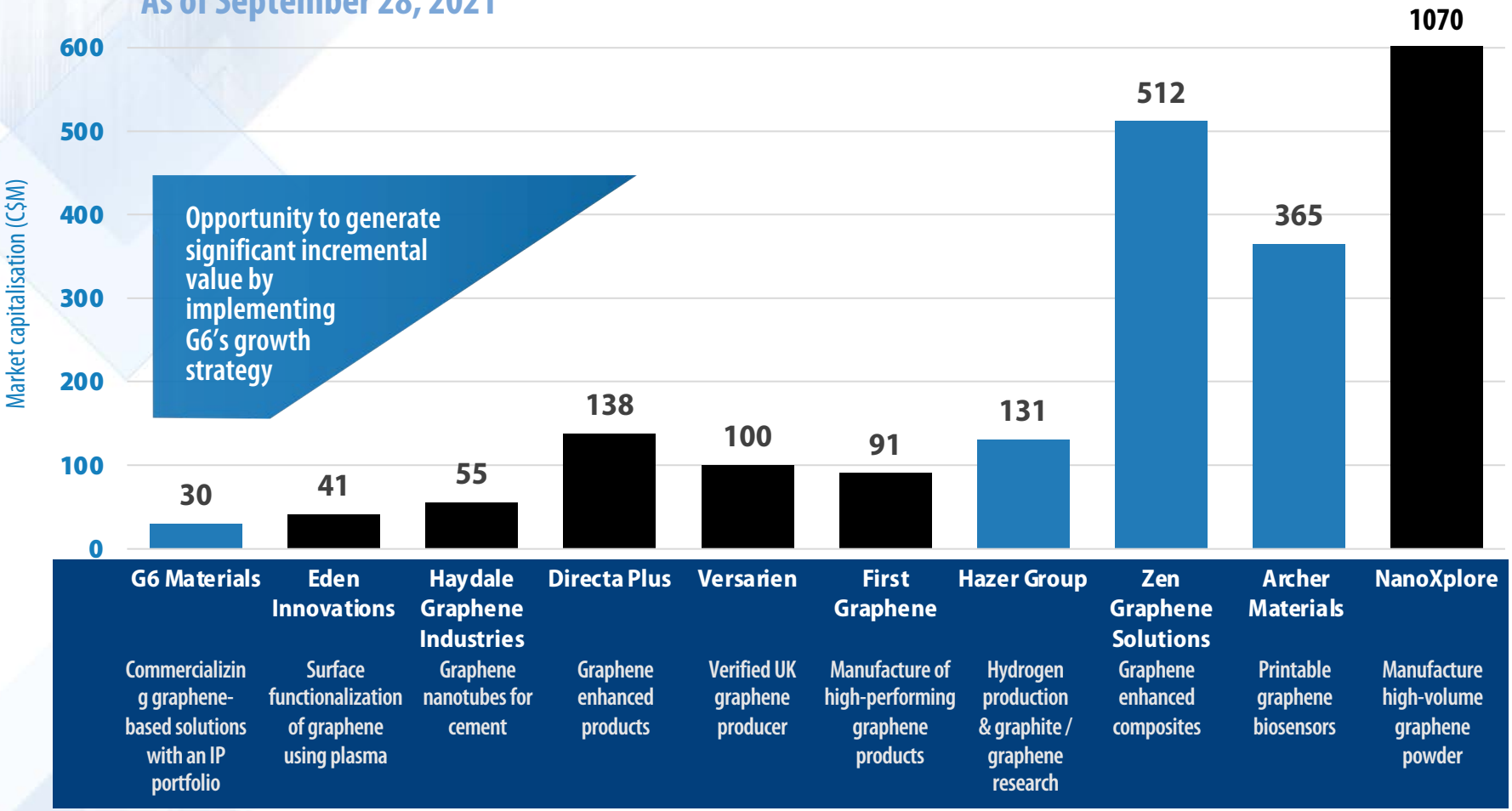
Industry Peer Set

As of September 28, 2021



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Management

CEO

Daniel Stolyarov serves as Chief Executive Officer at G6 Materials Corp and was instrumental in bringing the first graphene filament to market. He is also co-founder of Graphene Laboratories, Inc. pioneering the commercial graphene production market. Stolyarov has grown the company's client base substantially in the past six years. His expertise in 2D materials has gained wide publicity from news publishers such as BBC and Bloomberg. He received a Ph.D. in Physical Chemistry from the University of Southern California and a Master's degree from the Moscow Institute of Physics and Technology

CFO

Mr. Scott is an accomplished professional with 20+ Years Professional Experience In Accounting And Corporate Compliance, Corporate Finance, and Merchant and Commercial Banking. He is a CPA, CA and a CFA Charterholder and has spent the last 15 years as a Senior Officer and Director of a number of issuers listed on the TSX Venture Exchange. In that time, he has helped raise in excess of $200 million in equity and has gained extensive experience in initial public offerings, reverse takeovers, corporate restructuring and mergers and acquisitions, as well as cost effective management of operations. He currently holds Management and Board Positions with a number of TSX-V Listed Issuers.

Board of Directors

John (Gary) Dyal, Chairman of the Board
Daniel Stolyarov, President & CEO of G6 Materials Corp.
Roman Rabinovich, Independent Director
Taso Arima, Independent Director

Corporate Secretary

Jeffrey Dare

Independent Advisor

Tom Feldmann

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Contact Us

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Appendix

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Our Vision

For Business

The remarkable properties of graphene, which include its unprecedented mechanical strength and electrical conductivity, could be used to improve the performance of common industrial materials.

For Daily Life

Graphene-enhanced materials have the potential to greatly improve the quality of things that we use regularly, including but not limited to sports equipment, apparel and computers, thereby improving the quality of our everyday lives.

On Land

The migration toward electric vehicles requires more widespread use of light and durable composite materials. Improving composites with graphene additives could be a keystone for such revolutionary change.

In the Air

Graphene improves materials used in the aviation and UAV industries, by making drones and airplanes stronger, lighter and more resilient. This enhances aircraft performance and lowers fuel costs, which are significant improvements.

At Sea

Graphene additives could potentially make materials in the marine industry more robust, lighter and resistant to seawater corrosion. This would extend the service life of boats, cargo/container ships, tankers and highperformance yachts.

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Air Purification Market

2020-21: A Surge in Demand

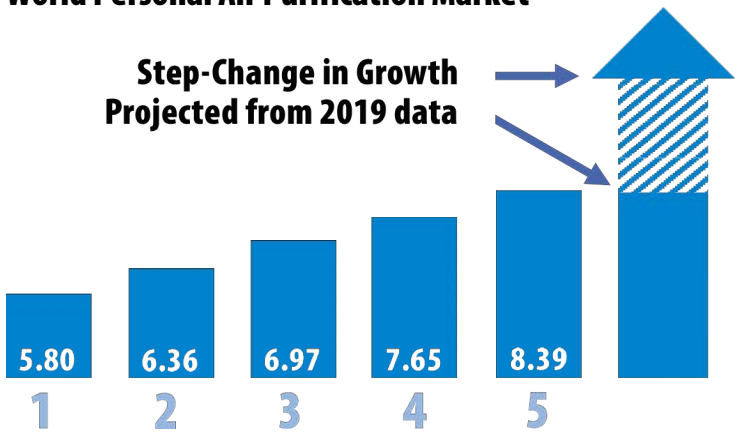
Global Pandemic

Due to the global pandemic, consumers are more conscious about the quality of the air to avoid getting sick

Wildfires

2020 and 2021 brought some of the worst forest fires forcing the consumers to look for personal air purification device for their home

World Personal Air Purification Market



Key Highlights:

The Residential Air Purifier Market was originally projected to reach USD 9.2 Billion in 2020, at a CAGR of 8.2%.*
However, due to the surge in demand for air purification devices from the global COVID-19 pandemic and California fires, the actual figure is trending much higher.

*Source: Research and Markets, Residential Air Purifiers Market by Technology

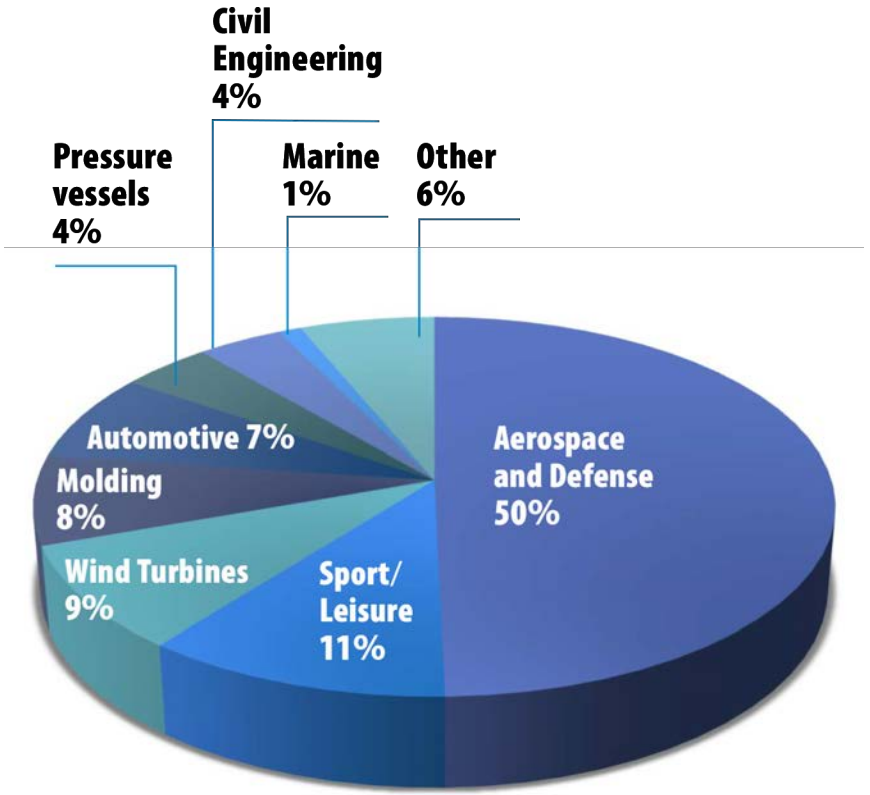
Overall Market Composition

For Graphene-Enhanced Fiber Composites

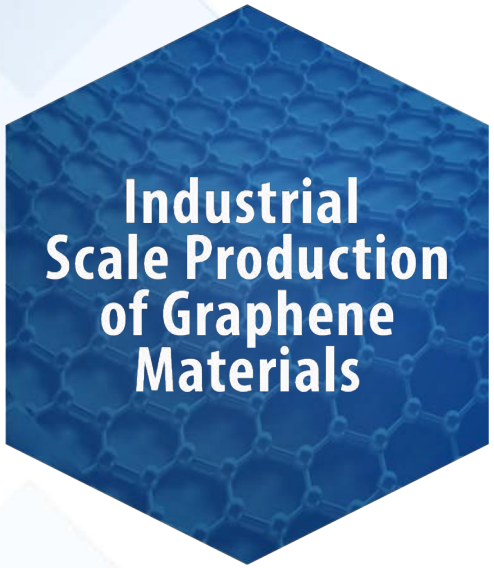
The technology of enhancing fiber composites with graphene works for glass, carbon and other types of reinforcement fibers. Generally, this technology can be applied to any industry in which fiber composites are used.

Therefore, G6 Materials Corp. has an opportunity to target many market segments that utilize composite materials.

Revenue by Application



Potential Use in High-risk High Reward R&D Opportunities



$108 Billion

2019 Total Addressable Market1 Battery Chemicals
Graphene adsorbents have shown the potential to significantly increase the purity of key chemicals used in the manufacture of lithium ion batteries.

$182 Billion

2019 Total Addressable Market2 Precious Metals
Graphene adsorbents have shown the potential to significantly increase the capture efficiency of gold over the industry standard adsorbent, activated carbon.

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Strong IP Portfolio

5 patents granted, 4 pending applications

	Status	Patent Number
Fused filament fabrication using multi-segment filament	Granted	US 10,611,098
Electrochemical device comprising nanoscopic carbon materials made by additive manufacturing	Granted	US 10,727,537
Process for synthesis of trifluoroketones	Granted	US 10,472,313
Thermoplastic composites comprising water-soluble PEO graft polymers useful for 3-dimesional additive manufacturing	Granted	US 11,097,492
Method for preparation and separation atomic layer thickness platelets from graphite and other layered materials	Granted	US 11,104,577
Method and system for recovering and utilizing heat energy produced by computer hardware in blockchain mining operation	Application Filed	
Antiviral graphene oxide air filtration device and associated methods	Application Filed	
Electrically conductive adhesive compositions and kits and methods for using the same	Application Filed	
Thermoplastic polymer composites and method for preparing, collecting and tempering them	Application Filed	