



HYDROGRAPH

IGNITING MATERIAL CHANGE IN THE GRAPHENE MARKET

CSE: HG | OTCQB: HGCPF | FRA: M98

About Us

HydroGraph is the most cost-effective, environmentally friendly producer of high-purity graphene, currently positioned to be a global leader in commercializing graphene at scale.

HydroGraph's patented technology uniquely positions the company for multiple high growth markets in the production of graphene, and other strategic materials igniting a less carbon intensive world.

Our Patented Hyperion System:

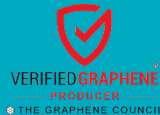
- ✓ Produces the purest, blackest graphene
- ✓ Solves industrial graphene supply problems of value, quality and scale in nano-material products
- ✓ Most cost effective producer of high purity graphene in the industry

HydroGraph Solutions

- High Quality
- Energy Efficient
- Cost Effective
- Environmentally Friendly

Highest Standards

HydroGraph is the only company in the Americas to be certified by The Graphene Council as a Verified Graphene Producer.



Capital Structure

Basic shares outstanding	174,775,224
Options outstanding	16,840,000
Warrants outstanding	61,620,302
Fully Diluted	253,235,526
Market Cap	CA\$14.9M

*as of October 10, 2023

Contact Us:

Stuart Jara, CEO
stuart.jara@hydrograph.com

Bob Wowk, CFO
bob.wowk@hydrograph.com

Kjirstin Breure, President
kjirstin.breure@hydrograph.com

Salisha Ilyas, Investor Relations
salisha@targetir.com

For more information, visit: www.hydrograph.com

Market Position

Strong customer response to HydroGraph's product & value proposition

- Patented Hyperion system produces 99.8% pure graphene with a high value to price ratio
- Commissioned Hyperion System is compact and modular allowing flexibility to build close to the customer minimize supply chain risk
- Can be nano-engineered for various applications, enabling integration of graphene into a multitude of materials
- Improves customers' material properties including strength, durability, conductivity, anticorrosion, lightweight

ESG Benefits

Most environmentally friendly graphene process in the world

- Small footprint, no solvents and minimal energy usage
- No GHG greenhouse gas emissions
- Customers significantly reduce their products carbon footprint
 - Lower raw material requirements
 - High efficiency, lower energy consumption

Economics

\$2.5B graphene market opportunity

- Uniquely positioned for multiple high growth, multi billion-dollar markets including lubricants, composites, coatings, energy storage, aerospace, and defense
- Positioned to be the global leader in producing and sale of pure graphene at scale
- Each Hyperion System can produce + 10MT/year with three month payback
 - \$2M in graphene sales, \$800K in EBITDA
 - \$150K Capex – 3 months to construct

Customer Acquisition Strategy

① \$1.0B target market - focus on lubricants, resins & coatings

- End user highly values enhanced material properties and ESG benefits
- Leverage internal resources from R&D, to application development to BD
- Work closely with customers to optimize graphene integration in customers' material

② \$1.5B secondary markets

- Work with partners that have existing competencies in: R&D, application development and channel to market

Rapidly growing customer pipeline

- +55 customer engagements ongoing, addressing ~ 20 applications
- 23 testing/NDA agreements in place
- 20 customer testing in end user products

HydroGraph's Hyperion System – Disruptive, Patented and Reliable

