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TSX-V: GGG
OTCQB: GPHBF

Graphene 3D Lab Provides Corporate Update

November 27, 2018 – Ronkonkoma, NY – Graphene 3D Lab Inc. (TSXV: GGG, OTCQB: GPHBF) (“Graphene 3D” or the “Company”), would like to provide its shareholders with an update on current operations and a summary of near and long-term business initiatives and growth opportunities.

The Company’s CEO, Daniel Stolyarov stated: “Our Company has been working on the commercialization of graphene technology since 2009. Over the years we have accumulated a wealth of knowledge and built a very strong IP portfolio related to the manufacturing and processing of graphene. We have also established a number of product lines and an extensive customer database. In addition, we have identified a number of new business opportunities where graphene could significantly improve product performance and create value for our customers and partners.”

Stolyarov added: “With this in mind, we are currently in the process of transitioning the Company to focus on the areas where we see a clear path to commercialization and ultimately the opportunity for truly transformational growth. Our transition will include new additions to our business team and the Company is also planning to change its name and update its corporate branding to better reflect the Company’s revised business direction. Further announcements from the Company are expected in the coming weeks.”

The Company previously placed more emphasis on the application of graphene for 3D printing materials, and while the Company will continue to service its existing customer base in this market, the Company believes there are greater growth opportunities in other markets and industries.

New Business Initiatives:

The Company’s new business initiatives will focus resources on near-term commercialization of new products where management believes the greatest growth potential exists. This will involve R&D and product development of graphene composites, graphene hybrid composites as well as graphene enhanced coatings. More details on each of these areas is summarized below.

Graphene Nanocomposites: Graphene offers improvement for thermoplastics and thermoset polymers by making them stronger and by adding functional features (e.g. electrical and thermal

conductivity). Multiple graphene-enhanced products are already in the marketplace (e.g. sport apparel), however the utilization of graphene technology is not yet as widespread as anticipated. The Company attributes this delay in adoption to the challenge of utilizing raw graphene in the industrial scale processes. The Company is therefore working to develop solutions for our industrial partners that will allow them to take advantage of the performance improvements graphene technology provides, while making minimal changes to current manufacturing processes. The Company expects to have further updates on prospective partners and nanocomposite applications in the near-future.

Hybrid Composites: Fiber reinforced composites are widely used in a variety of industries including automotive, aerospace and marine. This is due to the superb mechanical properties of such composites. They offer superior mechanical strength while being very lightweight. The weight saving offered by fiber composites makes these materials enabling for numerous applications. Graphene, working together with fibers in a synergetic way, can make these materials even stronger and lighter. The Company's research team is working hard to develop a viable solution for current requests from prospective partners and customers and believes the hybrid composite market has great growth potential.

Graphene-enhanced coatings: The attributes of graphene including its chemical resistance, barrier properties, UV resistant and improved adhesion could be utilized in the formulation of durable, crack and wear resistant graphene-enhanced coatings. These paints, inks and protective polymer coatings will benefit a number of industries including automotive, marine, oil and chemical industries. Based on the technology developed by Graphene 3D Lab's scientific team, the formulation for such coatings could be made cost-effectively and deliver additional value-add for the Company's customers.

Existing Business Initiatives:

In addition to working on the new directions described above, the Company will continue delivering on the following business initiatives already in operation.

Conductive Adhesives: The Company is planning to further extend the conductive epoxies product line being offered under the brand **G6-Epoxy** through its online store at G6-Epoxy.com.

Using graphene in the formulation for conductive adhesives reduces costs, makes them stronger and more crack and temperature resistant thereby providing value to industry partners. The total market value for Electrically Conductive Adhesives, is estimated to reach more than USD \$2.5 billion by 2021 (CAGR of 8.48%). The automotive and aerospace industries along with a continuing trend towards the miniaturization of electronic gadgets is driving the market growth.¹

R&D Materials: This is the oldest line of business for the Company. The Company has served thousands of researches from both academic institutions and R&D departments of commercial organizations, by providing them with more than 100 top-of-the-line innovative graphene products, thereby contributing to the graphene industry's development and growth. The Company will continue updating the product line where possible and will maintain its strong and mutually beneficial relationships with researchers and scientists.

¹ MarketsandMarkets: Electrically Conductive Adhesives Market by Type, Chemistry (Epoxy, Silicone, Acrylic, Polyurethane), Application (Automotive, Aerospace, Consumer Electronics, Biosciences), Filler Material - Global Forecast to 2021

3D Printing materials: The Company anticipates restarting the production of 3D printing materials in the near future. The Company will update its shareholders on the progress of this project as progress is made. The Company is adjusting its product line by removing generic products and putting the focus on the unique specialty 3D printing filaments, where the Company has a clear competitive edge.

The Company's management team is excited by the excellent potential with its new initiatives and refined focuses within the current lines of business. Further updates are expected in the coming weeks that will include corporate name and branding changes, as well as more details on progress from the new business initiatives.

About Graphene 3D Lab, Inc.

Graphene 3D Lab, Inc. is a world leader in the development, manufacturing, and marketing of proprietary composites and coatings based on graphene and other advanced materials. These diverse materials have a wide spectrum of commercial, research, and military application. The Company's wholly owned subsidiary, Graphene Laboratories Inc., currently offers over 100 graphene and related products to a client list comprised of more than 12,000 customers worldwide, including nearly every Fortune 500 tech company and major research university. Some notable clients include: NASA, Ford Motor Co., GE, Apple, Xerox, Samsung, Harvard University, IBM and Stanford University. The Company's suite of products is available online on the company's e-commerce platform Graphene Supermarket (www.graphene-supermarket.com).

The 3D printing division of the Company offers a portfolio of 3D printable filaments. These materials can be purchased through multiple distribution networks worldwide or directly from the web-store www.blackmagic3D.com.

Adhesive materials produced by the company are distributed under the G6-Epoxy™ trade name and can be purchased at <https://g6-epoxy.com/>.

The Graphene 3D facility is located in Calverton, NY and is equipped with material processing and analytical equipment. The company has eight US patent applications pending for its technology. For more information on Graphene 3D Lab Inc., visit www.graphene3dlab.com.

ON BEHALF OF THE BOARD

Daniel Stolyarov,
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FORWARD-LOOKING INFORMATION

THIS NEWS RELEASE CONTAINS "FORWARD-LOOKING INFORMATION" WITHIN THE MEANING OF APPLICABLE SECURITIES LAWS. FORWARD-LOOKING INFORMATION IN THIS NEWS RELEASE INCLUDES STATEMENTS ABOUT COLLABORATION AND MATERIAL SALES BETWEEN GRAPHENE 3D LAB AND TONER PLATICS.

IN CONNECTION WITH THE FORWARD-LOOKING INFORMATION CONTAINED IN THIS NEWS RELEASE, THE COMPANY HAS MADE NUMEROUS ASSUMPTIONS, REGARDING, AMONG OTHER THINGS, SALES TO BE MADE BY TONER PLASTICS AND GRAPHENE 3D MATERIALS AND COLLABORATIONS TO TAKE PLACE BETWEEN GRAPHENE 3D AND TONER PLASTICS. WHILE THE COMPANY CONSIDERS THESE ASSUMPTIONS TO BE REASONABLE, THESE ASSUMPTIONS ARE INHERENTLY SUBJECT TO SIGNIFICANT UNCERTAINTIES AND CONTINGENCIES.

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A MORE COMPLETE DISCUSSION OF THE RISKS AND UNCERTAINTIES FACING THE COMPANY IS DISCLOSED IN THE COMPANY'S CONTINUOUS DISCLOSURE FILINGS WITH CANADIAN SECURITIES REGULATORY AUTHORITIES AT WWW.SEDAR.COM. ALL FORWARD-LOOKING INFORMATION HEREIN IS QUALIFIED IN ITS ENTIRETY BY THIS CAUTIONARY STATEMENT, AND THE COMPANY DISCLAIMS ANY OBLIGATION TO REVISE OR UPDATE ANY SUCH FORWARD-LOOKING INFORMATION OR TO PUBLICLY ANNOUNCE THE RESULT OF ANY REVISIONS TO ANY OF THE FORWARD-LOOKING INFORMATION CONTAINED HEREIN TO REFLECT FUTURE RESULTS, EVENTS OR DEVELOPMENTS, EXCEPT AS REQUIRED BY LAW.

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