

Graphene ESD Executes a Joint Research and Development Agreement With Stony Brook University, Lomiko CEO Joins Board

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VANCOUVER, British Columbia and NEW YORK, Feb. 23, 2015 (GLOBE NEWSWIRE) -- [Lomiko Metals Inc. \("Lomiko"\)](#) (TSX-V:LMR) (OTC:LMRMF) (FSE:DH8B) is pleased to announce **Graphene Energy Storage Devices Corp. ("Graphene ESD")** has signed a research agreement with the Research Foundation of Stony Brook University (SBU). Graphene ESD Corp. will partner with the SBU Center for Advanced Sensor Technologies (Sensor CAT) to develop new supercapacitors designs for energy storage. [Lomiko Metals Inc.](#) currently owns a 40% stake in Graphene ESD and Mr. A. Paul Gill, CEO of Lomiko, is now appointed a Director of Graphene ESD.

"The device is designed as a versatile energy storage solution for electronics, electric vehicles and electric grid," stated A. Paul Gill, CEO of [Lomiko Metals Inc.](#) "Graphene is finding new application in sensors, electronics, and advanced materials. Energy storage is a rapidly developing field which can benefit from the outstanding properties of graphene. We believe that graphene-based devices will deliver the best value for multiple energy storage applications."

Supercapacitors bridge the gap between conventional capacitors and rechargeable batteries. They traditionally find application as intermediate energy sources in recuperative braking, voltage filtering, and more. However, the maximum voltage of an individual supercapacitor unit is limited to a few volts. A higher-voltage device can be assembled by connecting individual units, but this is a labor-intensive and expensive process. The goal of the project is the development of low-cost integrated ultra-high voltage supercapacitor units by a high-rate reel-to-reel process. The target applications are grid-tied inverters, grid-stabilization systems, as well as automotive and locomotive drivetrains. SBU will leverage its experience in electrochemistry and will be responsible for the design of the electrode and the electrolyte formulation. The Graphene ESD team will work on device assembly and testing.

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"This agreement is a significant step in expanding collaboration between industry and academia in the furtherance of our Center's mission to create high-tech jobs in New York," stated Peter Shkolnikov, Deputy Director of the Sensor CAT. "Energy storage is a rapidly growing field, with SBU is on the forefront of electrochemical energy storage research".

Initially, Graphene ESD Corp. will provide \$50,000 in cash funding to the SUNY Research Foundation which will host research at its Sensor CAT facilities on SBU campus in Stony Brook, NY.

For more information on Lomiko Metals, review the website at www.lomiko.com, contact A. Paul Gill at 604-729-5312 or email: info@lomiko.com

On Behalf of the Board

"Jacqueline Michael"

Chief Financial Officer

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