



Nova Graphene, To Present at IDTechEx Show November 20-21, 2019, In Santa Clara California

July 16, 2019

July 16, 2019 - PRESSADVANTAGE -

Nova Graphene, based in Dartmouth, Nova Scotia, has announced its presence at the IDTechEx show to be held on November 20-21, 2019, at the Santa Clara Convention Center, California. The IDTechEx Show is a commercially focused conference and exhibition for graphene and other 2D materials. Paul Beasant and Steve Rodgers, CEO and CTO of Nova Graphene, respectively, are scheduled to make a presentation at the event.

Graphene has generated a great deal of excitement in many industries as a result of its outstanding promise. What is not often recognized is that physics changes at the nano scale. As a result of those changes very small, seemingly insignificant differences among graphene products can greatly affect the performance of a product in any given application, says Paul Beasant. He explains, Our presentation will explore some of those changes and the impact they can have on product development, including building a solid business case. We will also show how this understanding has formed Nova Graphene's approach to taking graphene products to market.

Paul Beasant has worked in the renewable energy industry for the past six years and he is a founder and

director with the i-Valley Intelligent Community Association out of Acadia University. He also served on the Board of the Atlantic Chamber of Commerce for four years. He is also on the Advisory Board of the National Graphene Association (U.S.), a Principal with Nova Graphene 3D, Nova Agra Inc., The Ironbound Surf Company, and Synergistic Energy Systems.

Paul Beasant has a strong background as an entrepreneur and he has served as a consultant and business development executive for many years. He has a lot of experience, having travelled to almost 50 countries and has lived and worked on four continents.

Meanwhile, the career of Steve Rodgers spans over three decades in the aerospace, defense, and energy industries. He has experience in engineering management, research and development, and design engineering, while working on the Hubble Space Telescope, qualifying tanks for in-home Kidney Dialysis, in manufacturing engineering, and in market development in the Advanced Composites and Materials marketplace.

Steve Rodgers had served as International President of the Society of the Advancement of Material and Process Engineering (SAMPE). After that, he went into full-time consulting and established Emergen Teck LLC, where he helped many clients attain sustainable growth through smart manufacturing, business development, and disruptive technologies. Steve also became a charter member of the Advisory Board for the National Graphene Association, after receiving the Utah Governor's Medal for Science and Technology.

Nova Graphene is in the business of helping industries enhance their product strategies for evolving markets and to strengthen competition by introducing futuristic innovations. As such, they are ready to help companies in the development of innovative formulations to boost business momentum in new product development areas. They also invest in material advancements, such as graphene, for the betterment of the planet, the people, and company profits.

Previously, while graphene had great potential, it presented a lot of challenges, such as in manufacturing large quantities of the material, in different formats, at an affordable price. The challenges were finally overcome by Nova Graphene through the use of game changing emerging technologies.

At the moment, they have the capacity to produce 7.5 tons of multi-layer and single layer graphene each day. They plan to expand this to 25 tons per day after two years of operation, which will transform Nova Graphene into one of the biggest single producers of graphene all over the world.

Graphene has various applications, such as in concrete and asphalt; resins; plastics and polymers; lubricants; 3D printing; foams, and coatings. For concrete and asphalt, for instance, graphene promises improvement in compression strength and a huge reduction in water leeching. Also, they were able to

achieve substantial gains in the performance of graphene-enhanced resins, including +100% increase in strength modulus for polyester and vinylester, and +200% to +800% for epoxy, depending on the base formulation.

Those who are interested in graphene and other material advancements can visit the company website at www.novagraphene.com.

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Nova Graphene

Nova Graphene is a Dartmouth Nova Scotia , Canada Corporation focused on the delivery of innovative industry solutions enhanced by the use of high quality single and multi layer graphene

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