

## Nano One is Redefining Battery Grade Lithium

**TSX-V Symbol: NNO**  
**Frankfurt Symbol: LBMB**  
**OTC Symbol: NNOMF**

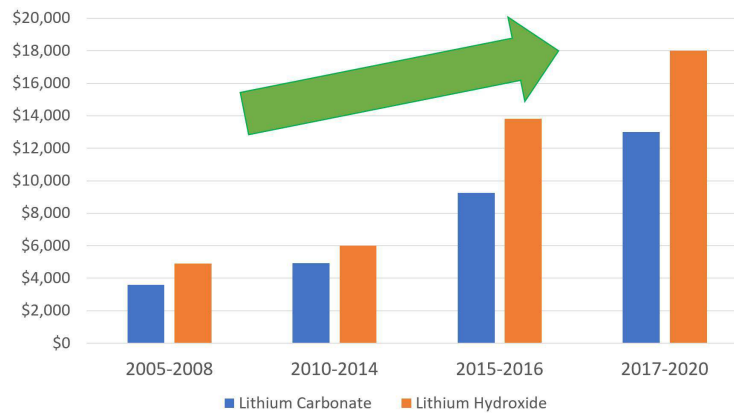
**Vancouver, B.C. April 27, 2017:** Dan Blondal, CEO at Nano One Materials, today explained how Nano One’s patented technology could enable long range electric vehicle batteries to use lithium carbonate as an alternative to costly and supply constrained lithium hydroxide.

*“Today’s manufacturing methods necessitate that lithium hydroxide be used to supply the Tesla Gigafactory and energy dense batteries for other emerging electric vehicle manufacturers,”* said Mr. Blondal. *“However, Nano One’s process innovations make it possible to use lithium carbonate which is more widely available and lower cost than lithium hydroxide. We believe this is a tremendous opportunity for Nano One to disrupt the lithium supply chain.”*

### Lithium Price expectations



Lithium Carbonate & Lithium Hydroxide: Long Term Averages (Nominal)



Source: Benchmark Mineral Intelligence Data, Lithium Price Assessments

These market trends are supported by Benchmark Minerals Intelligence Data that show pricing for lithium hydroxide being approximately 40% higher than lithium carbonate, into the foreseeable future. The price premium for lithium hydroxide is being driven by short supply and by increasing demand for longer range nickel rich electric vehicle batteries. Nano One’s approach could make lithium carbonate equally viable and more competitive than hydroxide.

Mr. Blondal added *“We believe that Nano One could also be helping lithium producers avoid the cost of upgrading to hydroxide, possibly adding hundreds of millions to the value proposition.”*

Nano One’s patented technology is a flexible manufacturing platform that enables lithium carbonate (or hydroxide) to be used as feedstock alongside other raw materials such as nickel, manganese, cobalt, iron, phosphate and/or aluminum. It is a water based process operating at mild pH and temperature that easily forms the energy storing cathode materials used in lithium ion batteries. The process is being piloted in Nano One’s demonstration facility and makes a wide range of different lithium cathode materials for use in nickel rich, manganese rich, cobalt free and iron phosphate batteries.

Joe Lowry is a worldwide expert on the lithium supply chain and the founder of Global Lithium LLC. Mr. Lowry added *“Nano One is uniquely positioned to provide a step change in lithium ion battery process technology and could enable the use of a broader spectrum of raw materials to open up the global lithium supply chain.”*

## **Nano One Materials Corp.**

### **Dan Blondal, CEO**

For information with respect to Nano One or the contents of this news release, please contact John Lando (President) at (604) 669-2701 or visit the website at [www.nanoone.ca](http://www.nanoone.ca).

### **About Nano One:**

Nano One Materials Corp (“Nano One” or “the Company”) is developing patented technology for the low-cost production of high performance battery materials used in electric vehicles, energy storage and consumer electronics. The processing technology addresses fundamental supply chain constraints by enabling wider raw materials specifications for use in lithium ion batteries. The process can be configured for a range of different nanostructured materials and has the flexibility to shift with emerging and future battery market trends and a diverse range of other growth opportunities. The novel three-stage process uses equipment common to industry and Nano One is building a pilot plant to demonstrate high volume production. The pilot plant is being funded with the assistance and support of Sustainable Development Technology Canada (SDTC) and the Automotive Supplier Innovation Program. Nano One also receives financial support from the National Research Council of Canada Industrial Research Assistance Program (NRC-IRAP). Nano One’s mission is to establish its patented technology as a leading platform for the global production of a new generation of nanostructured composite materials. For more information, please visit [www.nanoone.ca](http://www.nanoone.ca)

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*of the Company's technology and patents. Generally, forward-looking information can be identified by the use of forward-looking terminology such as 'believe', 'expect', 'anticipate', 'plan', 'intend', 'continue', 'estimate', 'may', 'will', 'should', 'ongoing', or variations of such words and phrases or statements that certain actions, events or results "will" occur. Forward-looking statements are based on the opinions and estimates of management as of the date such statements are made and they are subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of the Company to be materially different from those expressed or implied by such forward-looking statements or forward-looking information, including: the completion of final documentation with SDTC and the receipt of all necessary regulatory approvals. Although management of the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements or forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements and forward-looking information. The Company does not undertake to update any forward-looking statements or forward-looking information that is incorporated by reference herein, except as required by applicable securities laws.*

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