

FORM 51-102F3
Material Change Report

Item 1 Name and Address of Company

Nano One Materials Corp. (the “Company”)
Unit 101B – 8575 Government St
Burnaby, BC, Canada, V3N 4V1
Main **604-420-2041**
Office **604-669-2701**

Item 2 Date of Material Change

December 19, 2018

Item 3 News Release

News release dated December 18, 2018 disseminated in via Newsfile Corp.

A copy of the Press Release is attached as Schedule “A”.

Item 4 Summary of Material Change

Nano One CEO, Mr. Dan Blondal, is pleased to announce that the company has entered into a Joint Development Agreement with Saint-Gobain. The goal of the collaboration is to enhance high temperature processing of Nano One’s lithium ion battery materials.

Full Description of Material Change

5.1 Full Description of Material Change

For a full description of the material change, see Schedule “A”.

5.2 Disclosure for Restructuring Transactions

Not Applicable.

Item 5 Reliance on subsection 7.1(2) or (3) of National Instrument 51 102

Not Applicable.

Item 6 Omitted Information

Not Applicable

Item 7 Executive Officer

Dan Blondal, CEO
Telephone: 604.669.2701

Item 8 Date of Report

DATED at Vancouver, BC, this 19th day of December 2018.

SCHEDULE "A"



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Nano One Signs a Joint Development Agreement with Saint-Gobain



Vancouver, Canada - December 18, 2018 - (TSX-V: NNO) (OTC-Nasdaq Intl Designation: NNOMF) (Frankfurt: LBMB). Nano One CEO, Mr. Dan Blondal, is pleased to announce that the company has entered into a Joint Development Agreement with Saint-Gobain. The goal of the collaboration is to enhance high temperature processing of Nano One's lithium ion battery materials.

Saint-Gobain is a multi-billion euro French multinational corporation, founded in 1665 and produces a wide variety of construction and high-performance materials for applications in automotive, aerospace, health and energy. This agreement formalizes innovative efforts that began earlier this year and commercial terms remain confidential.

"Saint-Gobain has a rich history in innovation and collaboration," explained Ms. Ben Bassat, Nano One's VP of Business Development, "and we are delighted to be working with a global leader in materials and sustainable solutions. Their materials are complementary to our processing technology and this agreement adds to our current efforts with other strategic interests in the lithium ion battery supply chain."

Nano One's lithium ion powders are made using a patented process that blends lithium and other metals such as manganese, nickel, cobalt, aluminum and iron, prior to high temperature processing in a furnace. The two companies will work in collaboration, under the joint development agreement, to enhance the performance of their respective materials.

Saint-Gobain will also be joining Nano One's demonstration pilot project, as a consortium member with the support of the Government of Canada through Sustainable Development Technology Canada.

Mr. Natesh Krishnan, Worldwide Commercial Director, said *"Innovation for a sustainable future is at the core of both companies and our combined know-how has the potential to put us at the forefront of transformative energy storage solutions. We look forward to working in close collaboration with Nano One."*

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) 420-2041 or visit the website at 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, consumer electronics and next generation batteries. 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 has built a pilot plant to demonstrate high volume production, provide larger volumes of material for third party testing and has preliminary engineering plans in place for full scale production of a range of cathode materials. This pilot plant program is being funded with the assistance and support of the Government of Canada through Sustainable Development Technology Canada (SDTC) and the Automotive Supplier Innovation Program (ASIP) a program of Innovation, Science and Economic Development Canada (ISED). 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

Certain information contained herein may constitute “forward-looking information” under Canadian securities legislation. Forward-looking information includes, but is not limited to, statements with respect to the actual receipt of the grant monies, the execution of the Company’s plans which are contingent on the receipt of such monies and the commercialization 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. 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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