



## PyroGenesis Ships First Batch of Specialty 3D Metal Powder Under Contract to Government Entity

March 5, 2019

MONTREAL, March 05, 2019 (GLOBE NEWSWIRE) -- PyroGenesis Canada Inc. (<http://pyrogenesis.com>) (TSX-V: PYR) (OTCQB: PYRNF) (FRA: 8PY), a TSX Venture 50® high-tech company, (the "Company", the "Corporation" or "PyroGenesis") that designs, develops, manufactures and commercializes plasma atomized metal powder, plasma waste-to-energy systems and plasma torch products, announces today that, further to its Press Release dated December 17<sup>th</sup>, 2018, wherein a contract for specialty metal powder to a government entity (the "Client") was announced, the Company has shipped its first batch of specialty 3D metal powder to the Client, the name, origin, amount, and type of powder are not permitted to be disclosed.

As previously announced, under this contract, PyroGenesis is to produce specialty reactive metal powder using its plasma atomization system. The Client intends to use this powder for confidential purposes. Follow-on orders are expected.

The Company is shipping according to the schedule dictated by the Client and, as such, the order is being shipped in several pre-determined batches. All shipments will be completed within eight (8) weeks.

"This powder delivery represents another significant milestone for PyroGenesis Additive. We know of no other process which can produce this material better. Of note, this is the first powder produced utilizing the Company's new plasma-based production process, at a production rate superior to any published plasma atomization process," said Mr. Massimo Dattilo, Vice President of PyroGenesis Additive. "It is our first volume order for delivery of a 3D powder which is not a titanium alloy, however is reactive. This clearly underscores the versatility of our Plasma Atomization process proving, once again, that it lends itself well to producing best-in-class powders for the Additive Manufacturing industry."

Separately, the Company is also pleased to announce the receipt of an export permit to start shipping titanium powder to France.

### About PyroGenesis Canada Inc.

PyroGenesis Canada Inc., a TSX Venture 50® high-tech company, is the world leader in the design, development, manufacture and commercialization of advanced plasma processes and products. We provide engineering and manufacturing expertise, cutting-edge contract research, as well as turnkey process equipment packages to the defense, metallurgical, mining, advanced materials (including 3D printing), oil & gas, and environmental industries. With a team of experienced engineers, scientists and technicians working out of our Montreal office and our 3,800 m<sup>2</sup> manufacturing facility, PyroGenesis maintains its competitive advantage by remaining at the forefront of technology development and commercialization. Our core competencies allow PyroGenesis to lead the way in providing innovative plasma torches, plasma waste processes, high-temperature metallurgical processes, and engineering services to the global marketplace. Our operations are ISO 9001:2015 certified, and have been since 1997. PyroGenesis is a publicly-traded Canadian Corporation on the TSX Venture Exchange (Ticker Symbol: PYR) and on the OTCQB Marketplace. For more information, please visit [www.pyrogenesis.com](http://www.pyrogenesis.com)

This press release contains certain forward-looking statements, including, without limitation, statements containing the words "may", "plan", "will", "estimate", "continue", "anticipate", "intend", "expect", "in the process" and other similar expressions which constitute "forward- looking information" within the meaning of applicable securities laws. Forward-looking statements reflect the Corporation's current expectation and assumptions and are subject to a number of risks and uncertainties that could cause actual results to differ materially from those anticipated. These forward-looking statements involve risks and uncertainties including, but not limited to, our expectations regarding the acceptance of our products by the market, our strategy to develop new products and enhance the capabilities of existing products, our strategy with respect to research and development, the impact of competitive products and pricing, new product development, and uncertainties related to the regulatory approval process. Such statements reflect the current views of the Corporation with respect to future events and are subject to certain risks and uncertainties and other risks detailed from time-to-time in the Corporation's ongoing filings with the securities regulatory authorities, which filings can be found at [www.sedar.com](http://www.sedar.com), or at [www.otcmarkets.com](http://www.otcmarkets.com). Actual results, events, and performance may differ materially. Readers are cautioned not to place undue reliance on these forward-looking statements. The Corporation undertakes no obligation to publicly update or revise any forward- looking statements either as a result of new information, future events or otherwise, except as required by applicable securities laws.

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