



PYROGENESIS' DROSRITE™ SYSTEM INSTALLED; RESULTS EXCEED EXPECTATIONS

MONTREAL, QUEBEC--(Marketwired - April 18, 2016) - PyroGenesis Canada Inc. (<http://pyrogenesis.com>) (TSX-V: PYR) (OTCQB: PYRNF), a TSX Venture clean-tech company (the "Company" or "PyroGenesis") that designs, develops, manufactures and commercializes plasma waste-to-energy systems and plasma torch products, announces today that it has successfully completed the installation of its DROSRITE™ Furnace System (the "System" or "DROSRITE™") at its client's production facility, a North American automobile parts manufacturer (the "Client"). The Company has received the fourth milestone payment as a result, with the last payment expected by the end of Q2 2016. The name of the Client remains confidential for competitive reasons.

As previously noted, PyroGenesis' DROSRITE™ System is a salt-free, cost-effective, sustainable process for maximizing metal recovery from dross, a waste generated in the metallurgical industry. PyroGenesis' patented process avoids costly loss of metal while reducing a smelter's carbon footprint and energy consumption, providing an impressive return on investment. PyroGenesis filed for a new DROSRITE™ patent in 2012.

The aluminum industry produced over 110 million tonnes of aluminum worldwide in 2015, resulting in an estimated 2.1 million tonnes of dross¹. The current total market is over US\$500M, and is expected to grow by an additional US\$150M by 2020.

With aluminum manufacturers being subjected to increased pressure from regulatory authorities' to eliminate landfilling of hazardous salt cakes from traditional recovery operations, combined with tight operating margins, PyroGenesis' DROSRITE™ System offers the market a process to both increase aluminum alloy recovery from dross, without producing any hazardous by-products, while at the same time reducing operating costs.

"An onsite DROSRITE™ System reduces operating expenses by 60-80%," said P. Peter Pascali, President and CEO of PyroGenesis, "and has a projected payback of less than one (1) year. The Company plans to continue to improve the System over the coming weeks, and expects a re-order of at least three (3) more Systems."

"Over 50 pours have been extracted at the Client's facility over the last month, generating nearly 40,000 lbs of recovered metal," said Pierre Carabin, Director of Engineering of PyroGenesis. "The preliminary metal recovery results are extremely positive; a testament to our ability to innovate and adapt to market needs. We expect to improve this recovery in the

¹ www.world-aluminium.org

coming weeks during the performance testing and final furnace handover.”

“The acceptance of our System marks the first sale of PyroGenesis’ DROSRITE™ System worldwide”, said P. Peter Pascali, “which underscores the Company’s ability to identify potential problems, develop methods to best respond to market demands, and increase market share.”

About PyroGenesis Canada Inc.

PyroGenesis Canada Inc., a TSX Venture 50® clean-tech company, is the world leader in the design, development, manufacture and commercialization of advanced plasma processes. 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 m² 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 9001:2008 certified, and have been since 1997. PyroGenesis is a publicly-traded Canadian company on the TSX Venture Exchange (Ticker Symbol: PYR) and on the OTCQB Marketplace (Ticker Symbol: PYRNF). For more information, please visit 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 Company'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 Company with respect to future events and are subject to certain risks and uncertainties and other risks detailed from time-to-time in the Company's ongoing filings with the securities regulatory authorities, which filings can be found at www.sedar.com, or at 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 Company 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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For further information: P. Peter Pascali, Chief Executive Officer, Phone: (514) 937-0002, E-mail: ir@pyrogenesis.com