

PyroGenesis Grants Stock Options

MONTREAL, Aug. 10, 2011 /CNW/ - **PyroGenesis Canada Inc.** ("PyroGenesis" or the "Company") (TSX-V: PYR), an environmental solutions company that designs, develops and manufactures plasma waste-to-energy systems and plasma torch products, today announced further clarification on a news release issued on July 20, 2011. The Company then announced that incentive stock options (each an "Option") were granted to 18 of its employees to acquire an aggregate 2,910,000 common shares (each a "Common Share") at a price of \$0.80 per Common Share.

However, two directors and three officers were included within these employees. Hence, Options were granted as described below:

Two directors have been granted options entitling them to acquire an aggregate 900,000 Common Shares at a price of \$0.80 per Common Share. Ten percent of these Options are vested as of the date of grant, 20 percent of the Options granted will vest at the first anniversary of the grant, 30 percent of the Options granted will vest at the second anniversary of the grant and 40 percent of the Options granted will vest at the third anniversary of the grant.

Three officers have been granted options entitling them to acquire an aggregate 550,000 Common Shares at a price of \$0.80 per Common Share. Ten percent of these Options are vested as of the date of grant, 20 percent of the Options granted will vest at the first anniversary of the grant, 30 percent of the Options granted will vest at the second anniversary of the grant and 40 percent of the Options granted will vest at the third anniversary of the grant.

The Company has also granted Options to 14 of its employees to acquire an aggregate of 1,460,000 Common Shares at \$0.80 per Common Share. Ten percent of these Options are vested as of the date of grant, 20 percent of the Options granted will vest at the first anniversary of the grant, 30 percent of the Options granted will vest at the second anniversary of the grant and 40 percent of the Options granted will vest at the third anniversary of the grant.

Furthermore, as disclosed on July 20, 2011, two directors have been granted the right to acquire an aggregate of 200,000 Common Shares at \$0.80 per Common Share. These Options will vest quarterly over four years starting on the date of the grant.

Finally, also as disclosed on July 20, 2011, two other directors have been granted the right to acquire an aggregate of 40,000 Common Shares at \$0.80 per Common Share. These Options will vest over two years starting on the date of the grant.

All Options are exercisable for a period of five years and have been granted in accordance with the Company's Stock Option Plan.

About PyroGenesis Canada Inc.

PyroGenesis Canada is an environmental solutions company that designs, develops and manufactures plasma waste-to-energy systems and plasma torch products. PyroGenesis' proprietary plasma technologies utilize the intense energy of plasma to gasify and vitrify virtually any type of waste without producing hazardous by-products. PyroGenesis' patented gasification and vitrification technology is different from incineration because it produces a clean synthetic gas from waste, which can be used for power generation. PyroGenesis' technology can also turn waste into a glassy rock that can be utilized as construction material. PyroGenesis has marquee defense industry and civilian customers that are using its technology in marine and land-based applications. For more information, please visit www.pyrogenesis.com

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For further information:

Chief Executive Officer	Media and Investor Relations
P. Peter Pascali	Adam Peeler
514. 937.0002	TMX Equicom
ir@pyrogenesis.com	416.815.0700 ext. 225
	apeeler@equicongroup.com

CO: PyroGenesis Canada Inc.

CNW 17:00e 10-AUG-11