



# News Release

## **logen begins delivery of Shell's 180,000 litre purchase of cellulosic ethanol**

**Ottawa, Canada – 25 September 2008** – Following last July's announcement of an extended commercial alliance with Royal Dutch Shell plc ("Shell"), logen today announced it has shipped the first 100,000 litres (26,417 gallons) of an initial 180,000 litre (47,550 gallons) cellulosic ethanol order from Shell.

The fuel, produced from wheat straw at logen's Ottawa demonstration facility, is being purchased by Shell for use in upcoming fuel applications. logen, which produced its first cellulosic ethanol in 2004, says it views the current purchase as the first of many opportunities for Shell and logen to jointly showcase the technical and commercial viability of cellulosic ethanol.

"The sale of this fuel reinforces the new commercial alliance between Shell and logen announced this summer," says logen Executive Vice President Jeff Passmore. "It is part of our focus on accelerating the deployment of next generation biofuels."

In July, 2008, Shell announced a significant investment in technology development with logen Energy Corporation, a jointly owned development company of Shell and logen's that is dedicated to advancing cellulosic ethanol. The arrangement also saw Shell increase its shareholding in logen Energy Corporation from 26.3% to 50%. Shell first took an equity stake in 2002. logen's cellulosic ethanol is made from agriculture residues such as cereal straw and corn cobs and stalks

**Royal Dutch Shell plc** is incorporated in England and Wales, has its headquarters in The Hague and is listed on the London, Amsterdam and New York stock exchanges. Shell companies have operations in more than 130 countries, with businesses including: oil and gas exploration; production and marketing of liquefied natural gas and gas to liquids; marketing and shipping of oil products and chemicals; and renewable energy projects including wind, solar and biofuels.  
[www.shell.com/aboutshell](http://www.shell.com/aboutshell)

**logen** is a leading biotechnology firm specialising in cellulosic ethanol – a fully renewable transportation fuel made from agricultural residue that can be used in today's cars. The Company has been producing cellulosic ethanol at its Ottawa demonstration plant since 2004. logen also develops, manufactures and markets enzymes used to modify and improve the processing of natural fibers within the textile, animal feed and pulp and paper industries. In operation since 1974, logen is a privately held company located in Ottawa, Canada. For more information, visit [www.iogen.ca](http://www.iogen.ca)

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