



Shell and Iogen Corporation announce further investment to accelerate commercialization of cellulosic ethanol

Ottawa, Canada – June 3, 2010 – Royal Dutch Shell plc (“Shell”) and Iogen Corporation today announced a further investment in Iogen Energy, their jointly owned subsidiary, for the purpose of accelerating the commercial deployment of Iogen Energy’s process for making cellulosic ethanol from agricultural residue. As part of the ongoing joint development agreement between Shell, Iogen Corporation and Iogen Energy, Shell has made a significant incremental commitment to fund research and development activities at Iogen Energy until mid-2012.

Iogen Energy is currently operating its Ottawa demonstration plant on a continuous basis using the proven R7 technology release. Over the last 12 months, Iogen Energy has produced more than 170,000 gallons of cellulosic ethanol from wheat straw using its R7 technology. Shell’s additional funding will be used to develop and demonstrate Iogen Energy’s next two major technology releases, R8 and R9, which will significantly reduce the capital and operating costs per gallon of cellulosic ethanol.

The collaboration with Iogen Corporation in Iogen Energy is a key part of Shell’s strategic investment and development program in next generation biofuels using non-grain feedstocks. The fuel is made from raw materials such as wheat straw and promises to reduce CO₂ emissions by greater than 80% compared to gasoline.

“Shell remains committed to addressing today’s energy challenges through sustainable, advanced biofuels that take CO₂ out of the transport fuels sector and diversify supply over the next 20 years. We believe accelerating the commercialization of cellulosic ethanol will help us to achieve that goal,” says Luis Scoffone, Vice President of Alternative Energies at Shell.

“We are extremely pleased with this additional investment from Shell, an energy leader with a 30-year history of biofuels development and investment. Iogen Energy is positioned for successful commercialization of its world class technology as we work toward meeting the demand for a low carbon transportation fuel,” says Brian Foody, Chief Executive Officer of Iogen Corporation.

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 110 countries and territories, 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 biofuels. www.shell.com/aboutshell

Iogen Energy, a 50-50 joint venture between Shell and Iogen Corporation, is a leading biotechnology firm specialising in cellulosic ethanol, which it has been producing from wheat straw at its Ottawa demonstration plant since 2004. Development of the Iogen Energy cellulosic demonstration plant as well as strategic research and development in cellulosic ethanol technology was made possible in part with the assistance of the Technology Partnerships Canada Program (now administered by Industry Canada's Industrial Technologies Office).

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Iogen Corporation is a privately held company located in Ottawa, Canada. In business since 1974, it 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. Iogen Corporation also owns 50% of Iogen Energy and, like Shell, holds significant independent rights to commercially exploit the Iogen Energy cellulosic ethanol technology.

For more information regarding Iogen Energy or Iogen Corporation, visit www.iogen.ca

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