



OPSENS RECEIVES FOLLOW-ON ORDER FROM OPP-W CUSTOMER

Quebec City, Quebec, April 6, 2010 – Opsens Inc. (TSX VENTURE EXCHANGE: OPS) (“Opsens”) today announced the receipt of a new order from a Canadian global energy company for its OPP-W fiber optic pressure and temperature sensor.

The OPP-W sensors will be deployed in five (5) Steam Assisted Gravity Drainage (“SAGD”) producer wells. The order follows a successful installation 17 months ago for the same company by Opsens’ Edmonton unit, Opsens Solutions Inc.

Opsens’ OPP-W sensor continues to gain more interest for injection/production well and reservoir monitoring solutions for thermal recovery processes in bitumen/heavy oil, such as SAGD, which is being adopted for commercial projects in Alberta. The large number of current and planned SAGD projects represents a vast potential market for Opsens.

Opsens’ sensor has been successfully operating for almost 24 months in SAGD projects where injection/production temperatures can reach 300°C. OPP-W technology provides SAGD producers with real time pressure/temperature data required for managing steam injection and fluid production and allow safe operations at maximum steam injection pressures.

“For almost two years, our customers have been field testing our products to verify that they indeed improve the efficiency and safety of SAGD operations,” said Gaétan Duplain, President of Opsens Solutions Inc. “This order marks our second customer demonstrating support for OPP-W technology and provides evidence that our sensor system is gaining market acceptance.”

A few months ago, another major energy company placed a commercial-size order to instrument 26 additional wells with the OPP-W system.

About Opsens (www.opsens.com)

Opsens is a leading developer, manufacturer and supplier of a wide range of fiber optic sensors and associated signal conditioners based on proprietary patented and patent pending technologies. Opsens’ sensors provide long-term accuracy and reliability in the harshest environments. Opsens provides sensors to measure pressure, temperature, strain and displacement to original equipment manufacturers (OEM) and end-users in the oil and gas, medical, high-power transformers, and laboratory fields. Opsens provides complete technical support, including installation, training, after-sales service, for its fiber optics systems that are regulated by the ISO 9001-2008 norm.

Opsens was recognized as a TSX Venture 50® company in 2010. TSX Venture 50 is a trademark of TSX Inc. and is used under license.

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Forward-looking statements contained in this press release involve known and unknown risks, uncertainties and other factors that may cause actual results, performance and achievements of Opsens

to be materially different from any future results, performance or achievements expressed or implied by the said forward-looking statements.

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