



April 13, 2011

NEWS RELEASE

Plaintree Systems Inc. (“Plaintree”) announces that its Triodetic division has completed another large mining dome in South America.

Arnprior, Ontario — April 13th, 2011 — Today the Triodetic division (www.triodetic.com) of Plaintree Systems Inc. (“Triodetic”) announced that it has completed another dome, this time a 94 metre stock pile cover in Chile for a major mining company.

“This was a situation where this mining company needed a solution immediately to protect its stock pile,” stated Bill Vangoool, President of Triodetic. “Because we were able to perform all of the engineering and construction in house, we were able to have our custom designed solution on their site well within 85 days after receipt of the order.”

“The value of this dome was under \$2million which makes it a very cost effective solution that addresses the concerns every mining company has regarding the integrity of their stock piles, and more importantly stops any environmental contamination resulting from having stockpile dust blow into the precious adjoining lakes and rivers,” said Plaintree CEO David Watson.

Triodetic operates out of a 145,000 sq. ft. plant in the Ottawa region of Canada with a complete engineering team and state of the art production facilities. In addition to industrial structures, Triodetic is an award winning designer and manufacturer of intricate architectural buildings and features.

For more information on this company, please refer to Plaintree’s third quarter 2011 financial statements together with the related Management’s Discussion and Analysis report, copies of which can be obtained from the Company’s website at www.plaintree.com and/or under Plaintree’s name at www.sedar.com.

About Plaintree Systems

Plaintree has two diversified product lines consisting of Specialty Structures and Electronics.

The Specialty Structures Division includes the former Triodetic Group with over 40 years of experience as a design/build manufacturer of steel, aluminum and stainless steel specialty structures such as commercial domes, free form structures, barrel vaults, space frames and industrial dome coverings, and the newly formed Arnprior Fire Trucks Corp., a manufacturer of high end fire and emergency vehicles.

The Electronics Division includes the legacy Hypernetics and Plaintree free space optics (FSO) businesses. Hypernetics was established in 1972 and is a manufacturer of avionic components for various applications including aircraft antiskid braking, aircraft instrument indicators, solenoids, high purity valves and permanent magnet alternators.

Plaintree's legacy FSO product is an ultra-secure wireless communication link that uses beams of light instead of radio frequency (RF) allowing for very high rates of throughput without the overhead and interference which plagues RF systems.

Plaintree's shares are traded under the symbol "NPT". Shareholders and Investors can access Company information on CNSX's website and receive full Company disclosure monthly. For more information on Plaintree or to receive stock quotes, complete with trading summaries, bid size and ask price, brokerage house participation, insider reports, news releases, disclosure information, and CNSX and SEDAR filings, visit the CNSX website at www.cnx.ca or the Company's website at www.plaintree.com.

Plaintree is publicly traded in Canada on the CNSX (NPT) and in the U.S. on the OTC BB (PTEEF), with **12,925,253** common shares and 18,325 class A preferred shares outstanding.

This press release may include statements that are forward-looking and based on current expectations. The actual results of the company may differ materially from current expectations. The business of the company is subject to many risks and uncertainties, including changes in markets for the company's products, delays in product development and introduction to manufacturing and intense competition. For a more detailed discussion of the risks and uncertainties related to the company's business, please refer to documents filed by the company with the U.S. Securities and Exchange Commission and Canadian regulatory authorities, including the Company's Form 20-f dated September 27, 2010 and the annual report of the Company for the fiscal year ended March 31, 2010 and related management discussion and analysis.

Canadian National Stock Exchange has not reviewed and does not accept responsibility for the adequacy or accuracy of the content of this news release.

For further information: (613) 623-3434 x 2223