



5N Plus and Rio Tinto Alcan in Discussions Regarding Development of New Primary Gallium Source

NEWS RELEASE

Distribution date: October 14, 2011

Montreal, Quebec, October 14, 2011 – 5N Plus Inc. (TSX: VNP), a leading producer of specialty metal and chemical products, announces that it has signed a memorandum of understanding (“MOU”) with Rio Tinto Alcan, a global leader in the aluminum industry. This MOU will allow 5N Plus and Rio Tinto to pursue discussions regarding a project to recover gallium from an alumina production stream at Rio Tinto Alcan's Vaudreuil alumina facility, Quebec.

Jacques L'Écuyer, President and Chief Executive Officer of 5N Plus said: "We are very pleased with the scope of our discussions with Rio Tinto, and have good reason to believe that we will shortly be in a position to develop a new primary source of gallium. In light of anticipated strong growth in the demand for gallium, this new source will enable us to both strengthen our supply chain and forge a strategic partnership with Rio Tinto."

About 5N Plus Inc.

5N Plus is the leading producer of specialty metal and chemical products. Fully integrated with closed-loop recycling facilities, the company is headquartered in Montreal, Québec, Canada and operates manufacturing facilities and sales offices in several locations in Europe, North America and Asia. 5N Plus deploys a range of proprietary and proven technologies to produce products which are used in a number of advanced pharmaceutical, electronic and industrial applications. Typical products include purified metals such as bismuth, gallium, germanium, indium, selenium and tellurium, inorganic chemicals based on such metals and compound semiconductor wafers. Many of these are critical precursors and key enablers in markets such as solar, light-emitting diodes and eco-friendly materials.

Forward-Looking Statements and Disclaimer

This press release may contain forward-looking information within the meaning of applicable securities laws. All information and statements other than statements of historical facts contained in this press release are forward-looking information. Such statements and information may be identified by words such as “about”, “approximately”, “may”, “believes”, “expects”, “will”, “intends”, “should”, “plans”, “predicts”, “potential”, “projects”, “anticipates”, “estimates”, “continues” or similar words or the negative thereof or other comparable terminology. Forward-looking statements are based on the best estimates available to 5N Plus at this time and involve known and unknown risks, uncertainties and other factors that may cause 5N Plus’ actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. A description of the risks affecting 5N Plus’ business and activities appears under the heading “Risks and Uncertainties” in Management’s Discussion and Analysis for the fiscal year ended May 31, 2011, and in the section entitled “Risk Factors” in 5N Plus’ short-form prospectus dated April 1, 2011, both of which are available on SEDAR at www.sedar.com. No assurance can be given that any events anticipated by the forward-looking information in this press release will transpire or occur, or if any of them do so, what benefits that 5N Plus will derive therefrom. In particular, no assurance can be given as to the future financial performance of 5N Plus. The forward-looking information contained in this press release is made as of the date hereof and 5N Plus undertakes no obligation to publicly update such forward-looking information to reflect new information, subsequent or otherwise, unless required by applicable securities laws. The reader is warned against placing undue reliance on these forward-looking statements.

-30-

Contact:

Jacques L’Ecuyer
President and Chief Executive Officer
5N Plus Inc.
(514) 856-0644
jacques.lecuyer@5nplus.com