

PRESS RELEASE

RELEASE DATE: April 3, 2014

5N Plus Acquires 100% Interest in its Sylarus Subsidiary and Changes its Name to 5N Plus Semiconductors

Montreal, Québec, April 3, 2014 – 5N Plus Inc. (TSX:VNP), the leading producer of specialty metal and chemical products, is pleased to announce that it has acquired the remaining 33.33% percent ownership interest in its subsidiary Sylarus Technologies, LLC, located in St. George, Utah, and has changed its name to 5N Plus Semiconductors LLC.

5N Plus Semiconductors LLC is the sole U.S. domestic space-qualified germanium substrate supplier to National Security Space (NSS) customers, and is one of only two National Defense Stockpile (NDS) qualified germanium substrate suppliers worldwide. Since its inception, 5N Plus Semiconductors has been awarded over US \$10 million in contracts from the U.S. Government including a US \$1.32 million contract by the Defense Logistics Agency (DLA) to upgrade a portion of the NDS high purity germanium metal inventory to unfinished germanium substrates for multifunction photovoltaic solar cells employed in NSS applications.

The DLA award was strategic in nature as 5N Plus Semiconductors LLC is now part of the U.S. NDS for strategic materials, with the potential for follow-on business both as a strategic metal supplier and NDS inventory manager.

Mr. Jacques L'Ecuyer, President and Chief Executive Officer, said "We are pleased to have acquired the outstanding interest in Sylarus. Through this platform that we have renamed 5N Plus Semiconductors, we intend to grow our semiconductor substrate business."

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, the Americas 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 "Risk and Uncertainties" of 5N Plus' 2013 MD&A dated February 25, 2014 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 -

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