

### PRESS RELEASE

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# 5N Plus Winner in Multiple Categories at the 2010 Deloitte Technology Fast 50™ Awards

Montreal, Québec, Septembre 23, 2010 - 5N Plus Inc. (TSX:VNP), a leading producer and provider of high-purity metals and compounds for electronic applications, announced today that is was ranked among the Deloitte Technology Fast 50<sup>TM</sup>. 5N Plus also won the prestigious Deloitte Technology Green 15<sup>TM</sup> Award and the Leadership Award, emerging technologies. The ranking of the 50 fastest growing technology companies in Canada is based on the percentage of revenue growth over five years. 5N Plus' increase in revenues of 574% percent from 2005 to 2009 resulted in a 36<sup>th</sup> place ranking. The Deloitte Technology Green 15<sup>TM</sup> Award was created in 2007 to showcase 15 Canadian companies that are leading the way to create major breakthroughs in the field of green technology. Deloitte Technology Fast 50<sup>TM</sup> Leadership Award candidates are judged on their ability to create a distinct competitive advantage in a high growth market.

"Canadian technology companies have demonstrated some very impressive growth numbers over the past year, amid the challenges of an uncertain global economic recovery" said John Ruffolo, National Leader, Technology, Media & Telecommunications Industry Group, Deloitte. 5N Plus is an example of the determination, drive and skill that will serve to position them for further growth and success in the years to come."

Mr. Ruffolo continued "The Deloitte Technology Green 15<sup>TM</sup> Award recognizes those Canadian companies that offer solutions to global environmental challenges by creating intellectual property and technology that reduce society's environmental impact. Companies such as 5N Plus are creating technology solutions that have a significant environmental impact and demonstrate a compelling return on investment, despite facing tough economic times. In doing so, they are helping position Canada as a global leader in the development of commercially-viable green technology."

Mr. Ruffolo concluded "The Technology Fast 50™ Leadership Award celebrates the elite companies in the Canadian technology sector. Deloitte salutes the outstanding accomplishments of 5N Plus whose ability to create a distinct competitive advantage in a high-growth market will likely result in it joining the ranks of other Canadian companies that have grown into global leaders."

Accepting these awards on behalf of Jacques L'Écuyer, President and Chief Executive Officer of 5N Plus, David Langlois, 5N Plus Chief Financial Officer said "We are proud to accept these awards on behalf of all of our employees. All of these accomplishments would not have been possible without their support and dedication. This year we are celebrating 10 years of growth along with 40 quarters of profitability. We are delighted that this success was achieved while pursuing environmentally responsible practices. We are therefore honored that our environmental initiatives are being recognized and rewarded. "

#### **About 5N Plus Inc.**

5N Plus Inc. draws its name from the purity of its products, 99.999% (five nines or 5N) and more. We have our head office in Montreal, Québec, and own two material subsidiaries which are 5N PV GmbH located in Eisenhüttenstadt, Germany and Firebird Technologies Inc. located in Trail, Canada. 5N Plus is a fully integrated producer and closed-loop recycler of highly purified metals and compounds. We use a range of proprietary and proven technologies to produce metals such as tellurium, cadmium, germanium, indium, antimony, selenium and related compounds such as cadmium telluride ("CdTe"), cadmium sulphide ("CdS") and indium antimonide ("InSb"). Our products are critical precursors that customers use in a number of electronic applications, including the rapidly-expanding solar (thin-film photovoltaic) market, for which we are a major supplier of CdTe, as well as the radiation detector and infrared markets.

## About the Deloitte Technology Fast 50<sup>™</sup>

The Deloitte Technology Fast 50<sup>TM</sup> program is Canada's pre-eminent technology awards program. Celebrating business growth, innovation and entrepreneurship, the program features four distinct categories including the Technology Fast 50<sup>TM</sup> Ranking, Companies-to-Watch Awards (early-stage Canadian tech companies in business less than five years, with the potential to be a future Deloitte Technology Fast 50<sup>TM</sup> candidate,) Leadership Awards (companies that demonstrate technological leadership in four industry subcategories: hardware/semiconductor, software, telecommunications and emerging technologies) and the Deloitte Technology Green 15<sup>TM</sup> Awards (Canada's leading GreenTech companies that promote a more efficient use and re-use of the earth's resources in industrial production and consumption.) Program sponsors include Deloitte, Gowlings, GrowthWorks, TMX Group, Wellington Financial, HKMB Hub International, National Angel Capital Organization, CVCA, MaRS and IGLOO Software. For further information, visit www.fast50.ca.

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