



PRESS RELEASE

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5N Plus Inc. Reports Fourth Quarter Results and Record Sales for Fiscal Year 2010

Montreal, Québec, August 10, 2010 – 5N Plus Inc. (TSX: VNP) today reported financial results for its fourth quarter and fiscal year ended May 31, 2010 including record levels of sales for the fiscal year.

For a second consecutive quarter, sales reached a record level and stood at \$19,729,553, representing an increase of 9.3% over sales of \$18,057,223 for the fourth quarter of the previous fiscal year. Sales for the fiscal year ended May 31, 2010 were at a record level of \$70,763,345, an increase of 2% compared to sales of \$69,373,117 for the previous fiscal year. The backlog¹ of orders expected to translate into sales over the following twelve months stood at \$52,650,764 at the fiscal year end over its level of \$52,224,368 at the end of the previous fiscal year. Changes in currency exchange rates had an adverse impact of approximately \$4,300,000 on the backlog comparisons.

Net earnings from continuing operations for the fourth quarter were \$4,362,612 or \$0.10 per share, representing a 23.6% decrease compared to net earnings from continuing operations of \$5,708,451 or \$0.13 per share for the fourth quarter of the previous fiscal year. For the fiscal year ended May 31, 2010, net earnings from continuing operations were \$15,143,310 or \$0.33 per share, representing a decrease of 27.4% compared to net earnings of \$20,868,124 or \$0.46 per share for the previous fiscal year.

EBITDA² for the fourth quarter was \$6,742,096 representing a decrease of 21.4% compared to EBITDA of \$8,576,126 for the fourth quarter of the previous fiscal year. EBITDA reached \$24,109,939 for the fiscal year ended May 31, 2010, a decrease of 23.2% compared to EBITDA of \$31,409,878 for the previous fiscal year.

¹ Backlog is a non-GAAP measure that represents the expected value of orders we have received but have not yet executed and that are expected to translate into sales within the next 12 months.

² EBITDA is a non-GAAP measure and means earnings from continued operations before financing costs, interest income, income taxes, depreciation and amortization and is presented on a consistent basis from period to period. The definition of this non-GAAP measure used by the Company may differ from that used by other companies.

Cash flow provided by continuing operating activities was \$6,188,039 for the quarter and \$16,828,300 for the fiscal year ended May 31, 2010. This compares with cash flow provided by continuing operating activities of \$4,965,655 and \$16,239,645 for the corresponding periods of the previous fiscal year. Cash and cash equivalents from continuing activities increased by \$2,925,791 during the fiscal year to \$67,992,321 as at May 31, 2010, up from \$65,066,530 as at May 31, 2009. Shareholders' equity also increased during the fiscal year to \$125,678,537 as at May 31, 2010, up from \$112,368,764 one year earlier.

Jacques L'Ecuyer, President and Chief Executive Officer, said "We are pleased to report our fourth quarter and year-end results as we complete our 10th year of operation in which there is much to celebrate. The quarter and the year proved decisive for our flagship product cadmium telluride as our main customer continued to expand and demonstrate a significant cost advantage over competing technologies leading in turn to an increasing demand for our products. Despite some currency headwinds, we turned in record revenues in fiscal year 2010 and net profit margins exceeded 20% for a third consecutive year as our facility in Germany operated for the first time throughout the year and contributed accordingly to both our sales and net profits. We have also seen a positive contribution from our new subsidiary Firebird which turned in positive earnings in both quarters since joining us."

Mr. L'Ecuyer continued, "In the year ended, we have laid the foundation for sustainable growth as we made great strides to strengthen our business, leverage our existing facilities and position ourselves to play a larger role in recycling. At the same time, we also broadened our product portfolio to include semiconductor wafers, germanium and products for other thin-film photovoltaic technologies as we successfully completed the acquisition of Firebird Technologies".

Mr. L'Ecuyer concluded, "All of these accomplishments would not have been possible without the support and dedication of our employees. Many thanks to them again for another great year and a special welcome to the Firebird employees who not only recently joined the 5N Plus team but also managed to make a positive contribution to our financial results."

The audited consolidated financial statements of 5N Plus, as well as the Management's Report for the fiscal year ended May 31, 2010 are available on the 5N Plus website, at www.5nplus.com and at www.sedar.com.

Webcast Information

The Company will host a conference call at 10:00 AM Eastern Time on Wednesday, August 11, 2010 with financial analysts to discuss the fourth quarter and year ended May 31, 2010. All interested parties are invited to participate in the live broadcast on the company's Web site at www.5nplus.com. A replay of the webcast and a recording of the Q&A will be available until August 26, 2010.

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.

Forward-Looking Statements and Disclaimer

Certain statements in this press release may be forward-looking. Forward-looking statements are based on the best estimates available to the Company at the time and involve known and unknown risks, uncertainties or other factors that may cause the Company’s actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. The Company disclaims any intention or obligation to update or revise any forward-looking statements in order to account for any new information or any other event. The reader is warned against undue reliance on these forward-looking statements.

5N Plus Inc.
Consolidated Statements of Income
Years ended May 31

(in Canadian dollars, except number of shares)	2010	2009
	\$	\$
Sales	70,763,345	69,373,117
Cost of sales	38,910,641	34,174,231
Gross profit	31,852,704	35,198,886
Expenses		
Selling and administrative	7,068,705	5,277,745
Depreciation of property, plant and equipment	2,544,542	2,154,552
Amortization of intangible assets	188,249	-
Research and development	1,858,038	1,241,142
Foreign exchange (gain) loss	(1,183,978)	(3,441,588)
Financial	185,512	377,449
Interest income	(463,678)	(1,118,881)
	10,197,390	4,490,419
Earnings before undernoted items	21,655,314	30,708,467
Start-up costs, new plant	-	711,709
Earnings before income taxes from continuing operations	21,655,314	29,996,758
Income taxes	6,512,004	9,128,634
Net earnings from continuing operations	15,143,310	20,868,124
Net loss from discontinued operations	(495,770)	-
Net earnings	14,647,540	20,868,124
Earnings per share from continuing operations		
Basic	0.33	0.46
Diluted	0.33	0.45
Earnings per share		
Basic	0.32	0.46
Diluted	0.32	0.45
Weighted average number of common shares		
Basic	45,578,992	45,505,213
Diluted	45,833,291	45,876,122

5N Plus Inc.
Consolidated Balance Sheets
As at May 31

(in Canadian dollars)	2010	2009
	\$	\$
Assets		
Current assets		
Cash and cash equivalents	67,992,321	65,066,530
Accounts receivable	4,774,460	6,702,197
Inventories	27,705,149	27,054,960
Prepaid expenses	1,073,025	516,391
Derivative financial instruments	1,362,804	1,685,076
Income taxes recoverable	516,602	-
Future income taxes	150,598	249,958
	103,574,959	101,275,112
Property, plant and equipment	26,437,302	25,823,473
Intangible assets	1,770,913	354,950
Goodwill	4,381,762	-
Future income taxes	2,311,191	662,639
Other assets	45,181	52,682
	138,521,308	128,168,856
Liabilities and Shareholders' Equity		
Current liabilities		
Accounts payable and accrued liabilities	4,646,220	6,791,675
Income taxes payable	43,826	3,021,632
Current portion of long-term debt	622,820	549,922
Current portion of other long-term liabilities	-	41,725
Future income taxes	444,662	311,897
	5,757,528	10,716,851
Long-term debt	4,197,803	3,997,923
Deferred revenue	553,578	641,618
Future income taxes	2,333,862	443,700
	12,842,771	15,800,092
Shareholders' equity		
Share capital	82,389,870	81,881,914
Contributed surplus	1,372,523	797,800
Accumulated other comprehensive income	(2,531,494)	(111,048)
Retained earnings	44,447,638	29,800,098
	125,678,537	112,368,764
	138,521,308	128,168,856

5N Plus Inc.
Reconciliation of EBITDA

	Three months ended May 31			Twelve months ended May 31		
	2010	2009	(Decrease)	2010	2009	(Decrease)
Net earnings from continuing operations	\$ 4,362,612	\$ 5,708,451	(23.6%)	\$ 15,143,310	\$ 20,868,124	(27.4%)
Add (deduct):						
Income taxes	1,734,901	2,345,056		6,512,004	9,128,634	
Financial expenses & Interest income	(60,442)	(78,822)		(278,166)	(741,432)	
Depreciation and amortization	705,025	601,441		2,732,791	2,154,552	
EBITDA	\$ 6,742,096	\$ 8,576,126	(21.4%)	\$ 24,109,939	\$ 31,409,878	(23.2%)

5N Plus Inc.
Cash Flows

	Three months ended May 31		Twelve months ended May 31	
	2010	2009	2010	2009
Cash flow provided by continuing operating activities	\$ 6,188,039	\$ 4,965,655	\$ 16,828,300	\$ 16,239,645
Investing activities	(784,603)	(1,129,436)	(12,577,665)	(8,660,804)
Financing activities	(169,334)	(756,927)	(295,299)	(2,257,973)
Effect of foreign exchange rate changes on cash and cash equivalents	(280,794)	(200,325)	(533,775)	168,919
Net increase in cash and cash equivalents from continuing activities	4,953,308	\$ 2,878,967	\$ 3,421,561	\$ 5,489,787

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