Ternium S.A. Form 6-K February 27, 2007

FORM 6 - K

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Report of Foreign Private Issuer Pursuant to Rule 13a - 16 or 15d - 16 of the Securities Exchange Act of 1934

As of 2/27/2007

Ternium S.A. (Translation of Registrant's name into English)

Ternium S.A.

46a, Avenue John F. Kennedy - 2nd floor
L-1855 Luxembourg
(352) 4661-11-3815
(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or 40-F.

Form 20-F x Form 40-F

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12G3-2(b) under the Securities Exchange Act of 1934.

Yes No x

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b):

Not applicable

The attached material is being furnished to the Securities and Exchange Commission pursuant to Rule 13a-16 and Form 6-K under the Securities Exchange Act of 1934, as amended.

This report contains Ternium S.A.'s press release announcing its results for the fourth quarter and year 2006.

Ternium Announces Fourth Quarter and Full Year 2006 Results

LUXEMBOURG--(BUSINESS WIRE)--Feb. 27, 2007--Ternium S.A. (NYSE: TX) today announced its results for the fourth quarter and twelve months ended December 31, 2006.

The financial and operational information contained in this press release is based on consolidated financial statements prepared in accordance with International Financial Reporting Standards (IFRS) and presented in U.S. dollars.

Summary of Fourth Quarter and Full Year 2006 Results

	Q4 2006	Q3 2006		Q4 2005		2006
Shipments (million						
tons)	2.1	2.2	-4%	2.1	0%	9.0
Net Sales (US\$ million)	1,587.5	1,743.5	-9%	1,467.8	8%	6,569.0
Operating Income (US\$						
million)	259.2	508.2	-49%	367.0	-29%	1,636.6
EBITDA (1) (US\$						
million)	376.8	614.9	-39%	489.7	-23%	2,074.3
EBITDA margin (% of net						
sales)	24%	35%		33%		32%
Net Income (US\$						
million)	158.2	354.0	-55%	168.7	-6%	996.0
Equity Holders' Net						
Income (US\$ million)				137.5	2%	
Earnings per ADS (US\$)	0.70	1.28	-45%			4.11

(1) Fourth quarter 2006 EBITDA equals operating income of US\$259.2 million plus depreciation and amortization of US\$106.0 million and other non-cash transactions of US\$11.6 million.

Sales volume in the South & Central America Region increased 13% during the fourth quarter 2006 compared to that of the fourth quarter 2005, and revenue per ton was 9% higher in the period. In the North America Region, sales volume decreased 10% during the fourth quarter 2006 compared with the fourth quarter 2005, and revenue per ton was 10% higher in the period although it decreased when compared with the third quarter 2006 as a result of increased imports and a de-stocking process in the distribution sectors in the U.S. and Mexico due to slower economic growth.

During the fourth quarter 2006 operating income was lower than it was in the fourth quarter 2005. This was due mainly to higher prices of raw materials and certain one-time events related to work slowdowns and stoppages at Sidor that reduced shipments by an estimated 170,000 tons; the relining of one of Siderar's blast furnaces; and a charge of US\$46.9 million related to an increase in Sidor's pension plan benefits liability.

Equity holders' net income during the fourth quarter 2006 was 2% higher compared with that of the fourth quarter 2005 as a result of lower financial expenses, income tax expense and minority interest, all of which offset the lower operating income. The pension plan charge effect on equity holders' net income was US\$17.3 million.

Outlook

Steel demand in the South & Central America Region is expected to continue growing. In the North America Region steel inventory levels are normalizing, providing a base for an increase in demand and prices. As a result of investments currently underway, Ternium will be able to supply the expected growth in its markets.

Moderate increases in costs are expected due to higher prices for raw materials and labor. The average cost per ton in the fourth quarter 2006 was affected by the cost increases related to work slowdowns and stoppages at Sidor that ended on November 8, 2006; the relining of one of Siderar's blast furnaces, which resumed operations on January 31, 2007; and the above-mentioned Sidor pension plan charge.

Annual Dividend Proposal

Ternium's Board of Directors proposes, subject to shareholder approval at the company's annual general shareholders' meeting on June 6, 2007, the payment of an annual dividend of US\$0.05 per share (US\$0.50 per ADS), or approximately US\$100.2 million in the aggregate. If the annual dividend is approved at the shareholders' meeting, it will be paid on June 12, 2007.

Analysis of Fourth Quarter 2006 Results versus Fourth Quarter 2005 Results

As a result of the consolidation of Amazonia's and Hylsamex's results and other financial data since February 15, 2005, and August 22, 2005, respectively, Ternium's results and other financial data for the year 2006 or any quarters in 2006 varied significantly from the results and other financial data for the year 2005 or the corresponding quarters in 2005. Accordingly, Ternium made quarterly comparisons on a sequential basis through the third quarter 2006. Starting with its fourth quarter and full year 2006 results, Ternium intends to make comparisons on a quarterly year-over-year basis. The company plans to begin making full-year annual comparisons starting with its fourth quarter and full-year 2007 results.

Fourth quarter 2006 and fourth quarter 2005 figures consolidate the results of Hylsamex, Siderar and Sidor together with all other consolidating subsidiaries.

Net income attributable to the company's equity holders for the fourth quarter 2006 was US\$140.4 million, compared with US\$137.5 million in the fourth quarter 2005. Including minority interest, net income for the fourth quarter 2006 was US\$158.2 million, compared with US\$168.7 million in the fourth quarter 2005. Earnings per ADS were US\$0.70 in the fourth quarter 2006 based on 2,004,743,442 shares outstanding and a conversion rate of 10 shares of common stock per ADS.

Net sales for the fourth quarter 2006 increased 8% to US\$1.6 billion compared with the same period in 2005 mainly due to higher steel prices. Shipments of flat and long products reached 2.1 million tons during the fourth quarter 2006, a level that was relatively the same as that reached in the fourth quarter 2005. Revenue per ton shipped increased 9% to US\$716 in the fourth quarter 2006 versus the same quarter in 2005.

Sales of flat products during the fourth quarter 2006 totaled

US\$1.2 billion, an increase of 8% compared with the same quarter in 2005. This was the result of higher prices partially offset by slightly lower volumes. Shipments were 1.6 million tons in the fourth quarter 2006, a decrease of 2% compared with the same period in 2005. Despite the increase in demand for steel products, Ternium's shipments in the fourth quarter 2006 decreased compared with the fourth quarter 2005 due to lower production levels as a result of certain events in Venezuela and Argentina as discussed above. Revenue per ton shipped, however, increased 10% to US\$765 in the fourth quarter 2006 compared with the same period in 2005.

Sales of long products were US\$297.9 million during the fourth quarter 2006, an increase of 15% compared to the same period in 2005 as a result of a higher demand and prices. Shipments were 528,700 tons in the fourth quarter 2006, representing a 5% increase versus the same quarter in 2005. Revenue per ton shipped increased 9% to US\$563 in the fourth quarter 2006 over the fourth quarter 2005.

	Net Sales (million US\$)			Shipments (thousand tons)		
	4Q 2006	4Q 2005	Dif.	4Q 2006	4Q 2005	Dif.
South & Central						
America	756.4	606.7	25%	1,030.4	896.9	15%
North America	465.0	489.6	-5%	558.3	668.1	-16%
Europe & other	16.5	48.9	-66%	28.5	76.9	-63%
Total flat products	1,237.9	1,145.2	8%	1,617.2	1,641.8	-2%
South & Central						
	128.4					
North America						
Europe & other		2.2				
Total long products	297.9	259.9	15%	528.7	504.5	5%
Total flat and long						
products	1,535.8	1,405.1	9%	2,145.9	2,146.3	0%
Other products (1)	51.7	62.7	-18%			
Total Net Sales	1,587.5	1,467.8	8%			

(1) Includes iron ore and pig iron.

	Revenue / ton (US\$/ton)				
	4Q	2006 	4Q	2005	Dif.
South & Central America North America		734 833		676 733	9% 14%
Europe & other		578		636	-9%
Total flat products		765		698	10%

South & Central America	560	508	10%
North America	566	522	8%
Europe & other		436	-100%
Total long products	563	515	9%
Total flat and long products	716	655	9%

Other products (1)

Total Net Sales

(1) Includes iron ore and pig iron.

Sales of other products totaled US\$51.7 million during the fourth quarter 2006, a decrease of 18% compared to the same period in 2005. This was due mainly to a decrease in shipments of iron ore pellets in Venezuela and pig iron in Argentina caused by lower production levels related to the above-mentioned events at Ternium's plants in those countries.

Flat and long product sales in the South & Central America Region were US\$884.9 million during the fourth quarter 2006, an increase of 23% versus the same period in 2005. This increase was mainly due to higher volumes and prices. Shipments were 1.3 million tons during the fourth quarter 2006, or 13% higher than in the fourth quarter 2005, due to an increase in the demand for steel products. Revenue per ton shipped increased 9% to US\$703 in the fourth quarter 2006 over the same quarter in 2005, mainly due to price increases implemented in both product categories.

Sales of flat and long products in the North America Region were US\$634.4 million in the fourth quarter 2006, similar to sales for these products during the fourth quarter 2005, due to lower volumes offset by higher prices. Shipments were 857,700 tons during the fourth quarter 2006, or 10% lower than the same period in 2005. This decrease was mainly due to lower demand for steel products in the region and a lower level of production at Ternium's mills. Revenue per ton shipped increased 10% to US\$740 in the fourth quarter 2006 over the same quarter in 2005, mainly due to higher steel prices.

Cost of sales totaled US\$1.2 billion in the fourth quarter 2006, or 73% of net sales, compared to US\$907.2 million, or 62% of net sales, in the fourth quarter 2005. Fourth quarter 2006 cost of sales include a charge of US\$39.5 million related to the increase in Sidor's pension plan benefits. The higher quarterly year-over-year cost was due mainly to an increase in the price of some raw materials such as iron ore and zinc; higher consumption of hot briquetted iron (HBI) at Sidor as a result of a decrease in direct reduction iron (DRI) availability during November when some of the HyL and Midrex modules had planned maintenance stoppages; lower efficiencies associated with the work slowdowns and stoppages at Sidor; and lower efficiencies and higher maintenance costs associated with the relining of a blast furnace at Siderar.

Natural gas and electricity costs in Mexico were higher during the fourth quarter 2006 versus the same period in 2005, while labor costs increased year-over-year on a quarterly basis in Argentina as a result of a new labor agreement.

Selling, general and administrative (SG&A) expenses in the fourth

quarter 2006 were US\$166.6 million, or 10% of net sales, compared with US\$172.4 million, or 12% of net sales, in the fourth quarter 2005. Fourth quarter 2006 SG&A expenses include a charge of US\$7.4 million related to the increase in Sidor's pension plan benefits. The decrease was due mainly to higher efficiencies.

Operating income in the fourth quarter 2006 was US\$259.2 million, or 16% of net sales, compared with US\$367.0 million, or 25% of net sales, in the fourth quarter 2005.

EBITDA(1) in the fourth quarter 2006 was US\$376.8 million, or 24% of net sales, compared with US\$489.7 million, or 33% of net sales, in the fourth quarter 2005. Equity holders' EBITDA in the fourth quarter 2006 was 69% of EBITDA. Sidor's contribution to Ternium's EBITDA was 27% in the fourth quarter 2006, compared with 39% in the full year 2006. Sidor's fourth quarter 2006 percentage includes the impact of the pension plan charge and the work slowdowns and stoppages during the period as discussed above.

Net financial expenses totaled US\$63.8 million in the fourth quarter 2006, compared with US\$130.7 million in the same period in 2005. This reduction was due mainly to a US\$37.5 million decrease in the excess cash distribution related to Sidor's participation accounts and a US\$17.5 million decrease in net interest expense that was primarily associated with a reduction in net debt.

Sidor's excess cash distribution related to the participation account recognized in the fourth quarter 2006 was US\$135.2 million compared with US\$224.0 million in the fourth quarter 2005. Ternium's subsidiaries recognized US\$80.8 million in the fourth quarter 2006 compared with US\$133.8 million in the same quarter in 2005, while the recognition of payments to minority shareholders of Sidor resulted in expenses of US\$54.5 million in the fourth quarter 2006, compared with expenses of US\$90.2 million in the same period in 2005. Recognized payments to Ternium's subsidiaries and minority shareholders of Sidor were paid on February 15, 2007.

Income tax expense for the fourth quarter 2006 was US\$37.8 million, or 19% of income before income tax and minority interest, compared with US\$67.8 million, or 29% of income before income tax and minority interest, in the fourth quarter 2005.

Income attributable to minority interest for the fourth quarter 2006 was US\$17.8 million, compared with US\$31.1 million in the fourth quarter 2005.

Cash Flow and Liquidity

Net cash provided by operating activities in the fourth quarter 2006 was US\$306.4 million. Net cash used in investing activities in the period was US\$233.4 million, mainly related to capital expenditures of US\$125.7 million and the purchase of Companhia Vale do Rio Doce's ("CVRD") 4.85% stake in Siderar for US\$107.5 million. The main investments made during the fourth quarter 2006 were: the relining of blast furnace #2, the new coking facilities and the new slab reheating furnace in Argentina; the upgrading of hot rolled mill #1 in Mexico; and the new ladle furnace in Venezuela.

Net cash used in financing activities during the fourth quarter 2006 was US\$255.6 million related to the reduction in financial debt, which decreased to US\$1.1 billion in the period. The company prepaid during the period US\$100.0 million of the Ternium S.A. Syndicated Loan

and US\$139 million of a bank loan at Hylsamex. Ternium's net debt as of December 31, 2006 was US\$413.7 million.

#### Forward-Looking Statements

Some of the statements contained in this press release are "forward-looking statements". Forward-looking statements are based on management's current views and assumptions and involve known and unknown risks that could cause actual results, performance or events to differ materially from those expressed or implied by those statements. These risks include but are not limited to risks arising from uncertainties as to gross domestic product, related market demand, global production capacity, tariffs, cyclicality in the industries that purchase steel products and other factors beyond Ternium's control.

#### About Ternium

Ternium is one of the leading steel companies in the Americas, offering a wide range of flat and long steel products. Ternium has operating locations in Mexico, Argentina and Venezuela that provide it with a strong position from which to serve its core markets. In addition, Ternium reaches the global markets through its own distribution network. More information about Ternium is available at www.ternium.com.

1 EBITDA equals operating income of US\$259.2 million plus depreciation and amortization of US\$106.0 million and other non-cash transactions of US\$11.6 million.

#### Consolidated income statement

US\$ million	4Q 2006	4Q 2005(1)	Dif.	12M 2006	12M 2005(1)
Net sales Cost of sales					
Gross profit Selling, general and administrative	433.8	560.7	(126.9)	2,267.6	1,958.7
expenses Other operating (expense)	(166.6)	(172.4)	5.8	(623.8)	(500.6)
income, net	(8.0)	(21.3)	13.3	(7.3)	(65.9)
Operating income Financial	259.2	367.0	(107.9)	1,636.6	1,392.2
expenses, net Excess of fair value of net assets acquired	(63.8)	(130.7)	66.9	(382.8)	(310.7)
over cost Equity in earnings of associated	0.0	0.0	_	-	188.4
companies	0.7	0.2	0.5	4.5	21.5

Income before

income tax expense Income tax	196.0	236.5	(40.5)	1,258.3	1,291.3
expense	(37.8)	(67.8)	30.1	(262.4)	(218.5)
Net income for the period/year	158.2	168.7	(10.5)	996.0	1,072.8
Attributable to: Equity holders of					
the Company	140.4	137.5	2.9	795.4	704.4
Minority interest	17.8	31.1	(13.3)	200.5	368.4
_	158.2	168.7	(10.5)	996.0	1,072.8

<sup>(1)</sup> Combined consolidated financial information on the basis of common control.

### Consolidated balance sheet

US\$ million	December 31, 2006	December 31, 2005
Property, plant and equipment, net & other		
assets	5,420.7	5,463.9
Intangible assets, net	551.6	
Investment in associated companies	16.3	9.1
Other investments, net	13.4	12.6
Deferred tax assets	36.4	29.1
Receivables, net	78.9	48.8
Total non-current assets	6,117.3	6,116.4
Receivables	175.8	291.3
Derivative financial instruments	7.9	5.4
Inventories, net	1,241.3	1,000.1
Trade receivables, net	577.9	472.8
Other investments	0.0	
Cash and cash equivalents	643.4	765.6
Total current assets	2,646.2	2,540.4
Non-current assets classified as held for		
sale	7.0	3.2
Total assets	8,770.5	8,660.0
Shareholders' equity	3,757.6	1,842.5
Minority interest in subsidiaries	1,729.6	
Minority interest & shareholders' equity	5,487.1	3,575.9
Provisions	60.5	54.1
Deferred income tax liabilities	985.2	1,048.2
Other liabilities	274.6	187.9
Trade payables	7.2	1.2
Borrowings	548.4	2,399.9

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Total non-current liabilities	1,875.9	3,691.3
Current tax liabilities	103.2	127.0
Other liabilities	158.4	194.1
Trade payables	621.8	555.3
Derivative financial instruments	15.5	_
Borrowings	508.7	516.4
Total current liabilities	1,407.5	1,392.8
Total liabilities	3,283.4	5,084.1
Total liabilities, minority interest & shareholders' equity	8,770.5	8,660.0

Consolidated cash flow statement

40 2006	40.0005			
	4Q 2005	Dif.	12M 2006	12M 2005(1)
158.2	168.7	(10.5)	996.0	1,072.8
106.0	110.9	(4.9)	424.5	316.4
(22.4)	(19.0)	(3.4)	(18.1)	(44.0)
,	,	( ,	,	,
11.6	11.8	(0.2)	13.3	54.3
_	_	_	_	(188.4)
46.9	_	46.9	46.9	_
(0.7)	(0.0)	(0 5)	(4 5)	(O1 E)
(0.7)	(0.2)	(0.5)	(4.5)	(21.5)
1 / O	12 2	1 6	1 2	24.5
14.9	13.3	1.0	4.2	24.3
2 1	22 6	(20 4)	33 0	19.0
∠ • ⊥	22.0	(40.4)	٥٠.٥	19.0
(2 0)	58 5	(60 5)	(276 2)	54.4
(8.4)	(23.0)	14.6	25.0	(25.2)
	106.0 (22.4) 11.6 - 46.9 (0.7) 14.9 2.1 (2.0)	106.0 110.9 (22.4) (19.0)  11.6 11.8  46.9 - (0.7) (0.2)  14.9 13.3 2.1 22.6 (2.0) 58.5	106.0 110.9 (4.9) (22.4) (19.0) (3.4)  11.6 11.8 (0.2)   46.9 - 46.9  (0.7) (0.2) (0.5)  14.9 13.3 1.6  2.1 22.6 (20.4) (2.0) 58.5 (60.5)	106.0 110.9 (4.9) 424.5 (22.4) (19.0) (3.4) (18.1)  11.6 11.8 (0.2) 13.3

Net cash provided by

operating activities	306.4	343.6	(37.2)	1,245.0	1,262.5
	(125.7)	(120.2)	(5.5)	(405.8)	(244.9)
Change in trust funds	-	(5.2)	5.2	5.2	83.6
Acquisition of business (2) Investments in	(107.5)	(9.7)	(97.8)	(210.5)	(2,196.7)
associated companies Proceeds from sale	(2.6)	-	-	(2.6)	-
of property, plant & equipment	2.4	3.7	(1.3)	3.4	6.1
Net cash used in					
investing activities	(233.4)	(131.4)	(101.9)	(610.4)	(2,352.0)
Dividends paid in cash and other distributions to company's equity shareholders Dividends paid in cash and other	-	-	_	_	(238.7)
distributions to minority shareholders Net proceeds from		(4.6)	4.6	(27.2)	(130.6)
Initial Public Offering	_	-	-	525.0	-
Contributions from shareholders	-	-	_	3.1	54.8
Proceeds from borrowings	44.1	84.4	(40.3)	167.3	2,135.4
Repayment of borrowings	(299.7)	(63.8)	(235.9)	(1,424.5)	(657.6)
Net cash (used in) provided by financing activities	(255.6)	16.0	(271.6)	(756.3)	1,163.4
(Decrease) Increase in cash and cash equivalents	(182.6)	228.1	(410.7)	(121.7)	73.8

<sup>(1)</sup> Combined consolidated financial information on the basis of common control.

<sup>(2)</sup> Corresponds to the purchase of Impeco and other assets from Acindar in 1Q 2006 and to the purchase of Worthington Industries' 50% equity interest in Acerex in 2Q 2006.

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Thousand tons	~	~				3Q 2006	~
South & Central							
		896.9	133.5	4,360.6	3,462.7	1,123.5	1,045.5
		668.1	(109.8)	2,412.6	1,405.5	554.9	231.5
-		76.9	(48.4)	88.2	514.4	17.2	120.6
Total flat							
	1,617.2	1,641.8	(24.6)	6,861.4	5,382.6	1,695.6	1,397.6
South & Central							
		216.8	12.4	948.3	709.4	244.8	235.2
		282.7	16.7	1,225.4	503.3	288.0	152.7
other		4.9	(4.9)		4.9		0.0
Total long							
_	528.7	504.5	24.2	2,173.7	1,217.7	532.8	387.8
Total flat and long							
_	2,145.9	2,146.3	(0.4)	9,035.1	6,600.3	2,228.4	1,785.4

<sup>(1)</sup> Combined consolidated financial information on the basis of common control.

Potroniio	/	+ on
Revenue	/	ton

US\$/ton	4Q 2006	4Q 2005(1)	Dif.	12M 2006	12M 2005(1)	3Q 2006	3Q 2005(1)
South & Central America North America Europe & other	734 833 578	676 733 636	58 100 (58)	697 813 548	689 675 636		658 755 561
Total flat products	765	698	68	736	680	775	666
South & Central America North America Europe & other	560 566 –	508 522 436	53 44 –	555 600 –	522 502 436	597 671 –	543 446 -
Total long products	563	515	48	581	514	637	505
Total flat and long products	716	655	61	698	649	742	631

<sup>(1)</sup> Combined consolidated financial information on the basis of common

control.

	Net Sales								
US\$ million	4Q 2006	4Q 2005(1)	Dif.	12M 2006	12M 2005(1)	3Q 2006	3Q 2005(1)		
South & Central									
America North	756.4	606.7	149.7	3,038.4	2,384.7	819.4	688.3		
	465.0	489.6	(24.6)	1,960.8	948.9	484.6	174.8		
other	16.5	48.9	(32.4)	48.4	326.9	9.4	67.7		
Total flat products	1,237.9	1,145.2	92.7	5,047.5	3,660.4	1,313.4	930.8		
South & Central									
America North	128.4	110.1	18.4	526.8	370.6	146.1	127.8		
America Europe &	169.4	147.7	21.8	735.8	252.6	193.2	68.0		
other		2.2	(2.2)		2.2		0.0		
Total long products	297.9	259.9 	38.0	1,262.6	625.4	339.3	195.8		
Total flat and long products	1,535.8	1,405.1	130.7	6,310.1	4,285.8	1,652.7	1,126.6		
Other products (2)					161.9				
Total net					4,447.7				

<sup>(1)</sup> Combined consolidated financial information on the basis of common control.

### (2) Includes iron ore and pig iron.

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www.ternium.com

#### SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

#### TERNIUM S.A.

By: /s/ Roberto Philipps By: /s/ Daniel Novegil \_\_\_\_\_ \_\_\_\_\_

Name: Roberto Philipps Name: Daniel Novegil

Title: Chief Financial Officer Title: Chief Executive Officer

Dated: February 27, 2007