UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 or 15d-16
UNDER THE SECURITIES EXCHANGE ACT OF 1934

Date of Report: January 27, 2010

CEMEX, S.A.B. de C.V.
(Exact name of Registrant as specified in its charter)

CEMEX Corp.
(Translation of Registrant's name into English)

United Mexican States
(Jurisdiction of incorporation or organization)

Av. Ricardo Margáin Zozaya #325, Colonia Valle del Campestre
Garza García, Nuevo León, México 66265
(Address of principal executive offices)

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

N/A

Contents

1. Presentation regarding 2009 fourth quarter results for CEMEX, S.A.B de C.V. (NYSE:CX).

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, CEMEX, S.A.B. de C.V. has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

CEMEX, S.A.B. de C.V.
(Registrant)

Date: January 27, 2010

By: /s/ Rafael Garza
Name: Rafael Garza
Title: Chief Comptroller

EXHIBIT INDEX

EXHIBIT NO.	DESCRIPTION
1.	Presentation regarding 2009 fourth quarter results for CEMEX, S.A.B de C.V. (NYSE:CX).


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CX
LISTED
NYSE
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January 2010
CEMEX
4Q09 RESULTS
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2

2009 achievements

- Refinanced US$15 billion in debt
- Issued close to US$2.3 billion in fixed income notes
- Raised US$2.2 billion in equity and equity-like capital
- Sold our Australian assets for approximately US$1.7 billion
- Implemented a US$900 million cost-reduction program
- Increased use of alternative fuels to 16%, from 10% in 2008
- On track to achieve 25% reduction in specific CO_2 emissions by 2015 from 1990 levels

4Q09 results highlights

Millions US dollars	January - December				Fourth Quarter			
	2009	2008	% var	l-t-l % var	2009	2008	% var	l-t-l % var
Net sales	14,544	20,131	(28%)	(19%)	3,444	4,148	(17%)	(20%)
Gross profit	4,274	6,396	(33%)	(23%)	911	1,262	(28%)	(31%)
Operating income	1,165	2,327	(50%)	(38%)	98	346	(72%)	(75%)
EBITDA	2,657	4,080	(35%)	(25%)	474	750	(37%)	(39%)
FCF after maint capex	1,215	2,600	(53%)		401	474	(15%)	

- 2009 results reflect deconsolidation of Venezuelan assets starting August 2008
- Australian operations reclassified as “Discontinued Operations” in 2008 and 2009 results

Consolidated volumes and prices

		2009 vs. 2008	4Q09 vs. 4Q08	4Q09 vs. 3Q09
Cement	**Volume**	(14%)	(8%)	(8%)
	Price (USD)	(9%)	0%	(1%)
	Price (l-t-l[1])	1%	(4%)	(2%)
Ready Mix	**Volume**	(23%)	(21%)	(10%)
	Price (USD)	(10%)	(1%)	0%
	Price (l-t-l[1])	(2%)	(6%)	(2%)
Aggregates	**Volume**	(20%)	(16%)	(12%)
	Price (USD)	(9%)	3%	0%
	Price (l-t-l[1])	(2%)	(3%)	(2%)

- Challenging business environment prevailed during 2009, with some signs of stabilization in the second half

[1] Like-to-like prices adjusted for investments/divestments and foreign-exchange fluctuations

2010 guidance

- Consolidated volumes expected to increase by 4% for cement and aggregates and by 2% for ready mix
  - Volumes in Mexico flat for cement and growing in excess of 5% for ready mix
  - US cement, ready-mix and aggregates volumes to have high-single-digit increase
  - Spanish cement volumes similar to 2009 levels; ready-mix and aggregates volumes declining by 11% and 2%, respectively
- EBITDA to be about US$2.9 billion, on a like-to-like basis, and based on currently prevailing exchange rates
- Free cash flow after maintenance capex to reach close to US$1 billion, reflecting exclusion of Australian operations, higher interest expense, maintenance capex, and cash taxes, and lower investment in working capital
- US$600 million from free cash flow to be used for debt reduction during the year


January 2010
REGIONAL
HIGHLIGHTS
CEMEX
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7

Mexico

	2009	2008	% var	l-t-l % var	4Q09	4Q08	% var	l-t-l % var
Net Sales	3,113	3,822	(19%)	(1%)	723	820	(12%)	(14%)
EBITDA	1,160	1,453	(20%)	(3%)	251	302	(17%)	(18%)
Margin	37.3%	38.0%			34.8%	36.8%		

Volume	2009 vs. 2008	4Q09 vs. 4Q08	4Q09 vs. 3Q09
Cement	(4%)	(10%)	(2%)
Ready-mix	(14%)	(28%)	(9%)
Aggregates	4%	(9%)	(6%)

Price (LC)	2009 vs. 2008	4Q09 vs. 4Q08	4Q09 vs. 3Q09
Cement	2%	(3%)	(3%)
Ready-mix	1%	(0%)	(0%)
Aggregates	5%	10%	2%

- Investment in Infrastructure increased by about 20% in 2009, partially mitigating contraction in residential and non-residential sectors
- Formal housing affected by bridge financing constraints; some recovery expected for 2010
- Self-construction anticipated to drop by about 1% in 2010
- Industrial and commercial sector expected to grow by 15% in 2010, after two years of decline

United States

	2009	2008	% var	l-t-l % var	4Q09	4Q08	% var	l-t-l % var
Net Sales	2,825	4,698	(40%)	(40%)	602	983	(39%)	(39%)
EBITDA	143	702	(80%)	(80%)	(5)	129	N/A	N/A
Margin	5.1%	14.9%			(0.7%)	13.1%		

Volume	2009 vs. 2008	4Q09 vs. 4Q08	4Q09 vs. 3Q09
Cement	(32%)	(25%)	(14%)
Ready-mix	(38%)	(30%)	(12%)
Aggregates	(36%)	(29%)	(15%)

Price (LC)	2009 vs. 2008	4Q09 vs. 4Q08	4Q09 vs. 3Q09
Cement	(6%)	(7%)	(0%)
Ready-mix	(8%)	(13%)	(4%)
Aggregates	(7%)	(9%)	(2%)

- Fourth quarter decline in volumes reflecting drop in residential and I&C sectors, as well as poor weather during December
- Public construction will continue to be main driver for demand, supported by ARRA and other funding
- Improvement seen in existing home sales and inventories; cement demand from residential sector expected to have double-digit growth in 2010 in our markets

Spain

	2009	2008	% var	l-t-l % var	4Q09	4Q08	% var	l-t-l % var
Net Sales	831	1,573	(47%)	(36%)	194	247	(21%)	(14%)
EBITDA	204	464	(56%)	(50%)	44	60	(27%)	(31%)
Margin	24.6%	29.5%			22.4%	24.3%		

Volume	2009 vs. 2008	4Q09 vs. 4Q08	4Q09 vs. 3Q09
Cement	(40%)	(23%)	(16%)
Ready-mix	(44%)	(33%)	(19%)
Aggregates	(33%)	(15%)	(12%)

Price (LC)	2009 vs. 2008	4Q09 vs. 4Q08	4Q09 vs. 3Q09
Cement	(10%)	(14%)	(2%)
Ready-mix	(8%)	(11%)	0%
Aggregates	3%	0%	(1%)

- Cement and ready-mix volumes on a like-to-like basis declined by 30% and 37%, respectively, for 2009
- Construction activity affected by economic slowdown and limited credit availability
- Housing starts expected to decrease to 140-150 thousand in 2009, further decline expected
- Infrastructure relatively stable, but insufficient to compensate other sectors

United Kingdom

	2009	2008	% var	l-t-l % var	4Q09	4Q08	% var	l-t-l % var
Net Sales	1,184	1,712	(31%)	(19%)	285	318	(10%)	(16%)
EBITDA	43	26	62%	88%	0	(19)	99%	97%
Margin	3.6%	1.5%			(0.1%)	(6.0%)		

Volume	2009 vs. 2008	4Q09 vs. 4Q08	4Q09 vs. 3Q09
Cement	(19%)	(14%)	(15%)
Ready-mix	(25%)	(23%)	(17%)
Aggregates	(19%)	(12%)	(17%)

Price (LC)	2009 vs. 2008	4Q09 vs. 4Q08	4Q09 vs. 3Q09
Cement	8%	3%	(2%)
Ready-mix	2%	(1%)	(0%)
Aggregates	1%	(2%)	(1%)

- 2009 results reflected weakness across all business segments, with rate of decline decelerating in the last months of the year
- Mild recovery in the housing sector expected for 2010

Rest of Europe

	2009	2008	% var	l-t-l % var	4Q09	4Q08	% var	l-t-l % var
Net Sales	3,345	4,369	(23%)	(17%)	843	922	(9%)	(17%)
EBITDA	349	532	(34%)	(27%)	65	82	(20%)	(27%)
Margin	10.4%	12.2%			7.8%	8.9%		

Volume	2009 vs. 2008	4Q09 vs. 4Q08	4Q09 vs. 3Q09
Cement	(17%)	(18%)	(29%)
Ready-mix	(17%)	(14%)	(13%)
Aggregates	(13%)	(13%)	(15%)

Price (LC)[1]	2009 vs. 2008	4Q09 vs. 4Q08	4Q09 vs. 3Q09
Cement	4%	0%	(2%)
Ready-mix	0%	(1%)	1%
Aggregates	4%	7%	1%

- In France, ready-mix volume decreased by 17% and aggregates volume by 13% during 4Q09
- In Germany, cement volume decreased by 16% during 4Q09
- In most countries in the region, infrastructure continues to be the main driver for volume growth
- In Eastern Europe, 2009 volumes affected by lower confidence and tight credit conditions; stabilization and potential growth expected in some markets for 2010

[1] Volume-weighted, local-currency average prices

South/Central America and the Caribbean

	2009	2008	% var	l-t-l % var	4Q09	4Q08	% var	l-t-l % var
Net Sales	1,368	2,023	(32%)	(13%)	322	378	(15%)	(18%)
EBITDA	494	658	(25%)	(4%)	111	121	(8%)	(13%)
Margin	36.1%	32.5%			34.5%	31.9%		

Volume	2009 vs. 2008	4Q09 vs. 4Q08	4Q09 vs. 3Q09
Cement	(30%)	(1%)	(5%)
Ready-mix	(34%)	(21%)	(10%)
Aggregates	(40%)	(27%)	11%

Price (LC)[1]	2009 vs. 2008	4Q09 vs. 4Q08	4Q09 vs. 3Q09
Cement	14%	(2%)	(2%)
Ready-mix	(3%)	(6%)	(3%)
Aggregates	(2%)	(13%)	(3%)

- Colombian cement volume remained flat for the quarter and ready-mix volume declined by 15%
- In Colombia, infrastructure will continue to be an important contributor to 2010 volumes; subsidy in interest rates for new homes should also contribute to volume growth

[1] Volume-weighted, local-currency average prices

Africa and Middle East

	2009	2008	% var	l-t-l % var	4Q09	4Q08	% var	l-t-l % var
Net Sales	1,049	1,071	(2%)	2%	261	278	(6%)	(7%)
EBITDA	333	296	12%	15%	68	72	(6%)	(7%)
Margin	31.7%	27.7%			25.9%	25.9%		

Volume	2009 vs. 2008	4Q09 vs. 4Q08	4Q09 vs. 3Q09
Cement	22%	7%	1%
Ready-mix	(14%)	(8%)	7%
Aggregates	(10%)	12%	23%

Price (LC)[1]	2009 vs. 2008	4Q09 vs. 4Q08	4Q09 vs. 3Q09
Cement	10%	2%	(1%)
Ready-mix	(3%)	(19%)	(4%)
Aggregates	7%	(4%)	4%

- In Egypt, cement volumes increased by 7% during 4Q09 and by 13% in 2009
- The informal housing and infrastructure sectors will continue to be main drivers of cement demand in 2010 in the region

[1] Volume-weighted, local-currency average prices

Asia

	2009	2008	% var	l-t-l % var	4Q09	4Q08	% var	l-t-l % var
Net Sales	474	494	(4%)	1%	122	105	17%	14%
EBITDA	116	93	25%	33%	22	15	44%	40%
Margin	24.5%	18.8%			17.8%	14.5%		

Volume	2009 vs. 2008	4Q09 vs. 4Q08	4Q09 vs. 3Q09
Cement	0%	24%	1%
Ready-mix	(18%)	(9%)	21%
Aggregates	(15%)	0%	11%

Price (LC)[1]	2009 vs. 2008	4Q09 vs. 4Q08	4Q09 vs. 3Q09
Cement	7%	(2%)	(1%)
Ready-mix	3%	(6%)	(1%)
Aggregates	3%	(3%)	2%

[1] Volume-weighted, local-currency average prices


January 2010
CEMEX
4Q09 RESULTS
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16

EBITDA and free cash flow

US$ million	January - December				Fourth Quarter			
	2009	2008	% var	l-t-l % var	2009	2008	% var	l-t-l % var
Net sales	14,544	20,131	(28%)	(19%)	3,444	4,148	(17%)	(20%)
EBITDA	2,657	4,080	(35%)	(25%)	474	750	(37%)	(39%)
EBITDA margin	18.3%	20.3%	(2.0pp)		13.8%	18.1%	(4.3pp)	
Cost of sales	10,270	13,735	(25%)		2,532	2,886	(12%)	
% sales	70.6%	68.2%	2.4pp		73.5%	69.6%	3.9pp	
SG&A	3,109	4,069	(24%)		813	916	(11%)	
% sales	21.4%	20.2%	1.2pp		23.6%	22.1%	1.5pp	
Free cash flow after maintenance capex	1,215	2,600	(53%)		401	474	(15%)	
Free cash flow	805	1,040	(23%)		334	195	71%	

- Adjusting for Venezuela, divestments and the sale of emission allowances done last year, EBITDA margin had a slight decline of 0.4pp despite a 19% decline in sales, on a like-to-like basis
- Increase in SG&A as a percentage of sales mainly due to lesser economies of scale due to lower volumes and higher transportation costs, partially offset by savings from cost-reduction initiatives
- Free cash flow after maintenance capex reflects lower EBITDA, higher financial expense and investment in working capital, partially offset by lower maintenance capex

Other items

- Kiln fuel and electricity costs, on a per-ton-of-cement-produced basis, decreased by 16% for 2009 and expected to increase by 5% for 2010
- Increase in financial expenses during the quarter reflects new terms of Financing Agreement
- Gain on financial instruments during the quarter reflects positive mark-to-market contribution of our equity derivatives
- Income tax resulting from tax losses in many of our operating jurisdictions due to reduced volumes and local foreign-exchange losses
- Estimated impact of the changes in the rules in Mexico for group tax consolidation: US$790 million
  - Liability recognized in balance sheet; a deferred tax asset for US$628 million also recognized
  - Expected impact on 2010 cash taxes: US$30 million


January 2010
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INFORMATION
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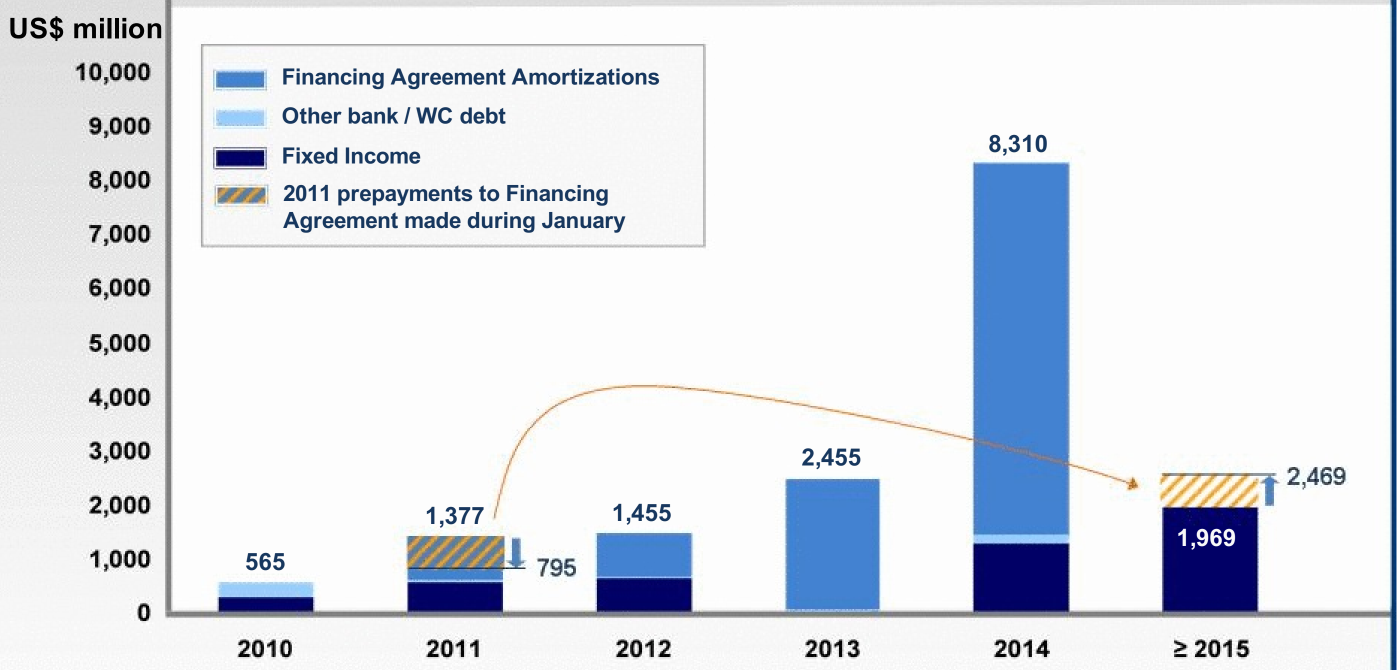
19

Debt-related activity in the quarter

- Convertible securities transaction for MXN4.1 billion (approximately US$320 million); upon conversion will represent about 17.25 million ADSs
- Issuance of notes for close to US$2.3 billion
  - US-dollar notes for US$1.25 billion (7 years, yield 9.50%) issued in December; reopening in January for additional US$500 million (yield 8.477%)
  - Euro notes for €350 million (8 years, yield 9.625%) issued in December
- Issuance of various short-term notes under our short-term *Certificados Bursátiles* program, having an outstanding amount of MXN800 million at the end of the quarter

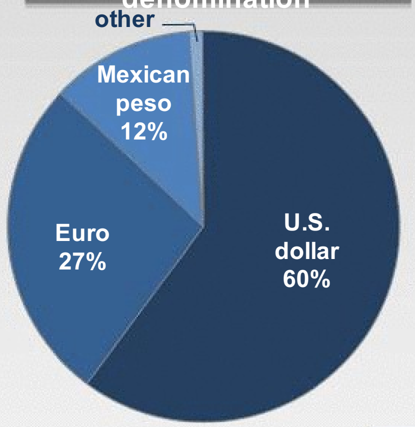
Consolidated debt maturity profile

Total debt excluding perpetual debentures as of 4Q09
US$ 16,130

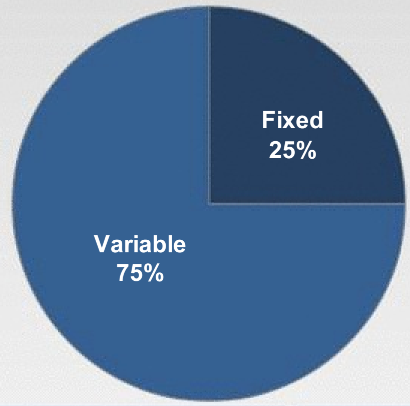


Debt-related information

Currency denomination



Interest Rate



	Fourth Quarter			Third Quarter
	2009	2008	% Var.	2009
Total debt	16,130	18,783	(14%)	17,448
Short-term	4%	37%		3%
Long-term	96%	63%		97%
Cash and cash equivalents	1,077	939	15%	363
Fair value cross currency swaps[2]	0	(114)		0
Net debt	15,053	17,958	(16%)	17,085

[1] For presentation purposes in the table above, net debt includes the fair value of cross-currency swaps, if any, associated with debt.

Forward looking information

This presentation contains certain forward-looking statements and information relating to CEMEX, S.A.B. de C.V. and its subsidiaries (collectively, "CEMEX") that are based on the beliefs of its management, as well as assumptions made by and information currently available to CEMEX. Such statements reflect the current views of CEMEX with respect to future events and are subject to certain risks, uncertainties, and assumptions. Many factors could cause the actual results, performance or achievements of CEMEX to be materially different from any future results, performance or achievements that may be expressed or implied by such forward-looking statements, including, among others, changes in general economic, political, governmental, and business conditions globally and in the countries in which CEMEX does business, changes in interest rates, changes in inflation rates, changes in exchange rates, the level of construction generally, changes in cement demand and prices, changes in raw material and energy prices, changes in business strategy, and various other factors. Should one or more of these risks or uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from those described herein as anticipated, believed, estimated, expected or targeted. CEMEX does not intend, and does not assume any obligation, to update these forward-looking statements.

UNLESS OTHERWISE NOTED, ALL FIGURES ARE PRESENTED UNDER MEXICAN GAAP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Definitions

EBITDA: Operating income plus depreciation and operating amortization

Expansion capital expenditures: consist of expansion spending on our cement, ready-mix, and other core businesses in existing markets

LC: Local currency

Like-to-like percentage variation (l-t-l % var): Percentage variations adjusted for investments/divestments and currency fluctuations

Maintenance capital expenditures: consist of maintenance spending on our cement, ready-mix, and other core businesses in existing markets

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