

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

For the month of April, 2012

Commission File Number: 001-14946

CEMEX, S.A.B. de C.V.

(Translation of Registrant's name into English)

Avenida Ricardo Margáin Zozaya #325, Colonia Valle del Campestre
Garza García, Nuevo León, México 66265

(Address of principal executive office)

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 Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Contents

1. Presentation regarding 2012 outlook for CEMEX, S.A.B. de C.V. (addendum to presentation regarding first quarter 2012 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: April 26, 2012

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

EXHIBIT INDEX

EXHIBIT NO.

DESCRIPTION

1. Presentation regarding 2012 outlook for CEMEX, S.A.B. de C.V. (addendum to presentation regarding first quarter 2012 results for CEMEX, S.A.B. de C.V.) (NYSE:CMX).



April 2012
2012 Outlook

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 its knowledge of present facts, expectations and projections, circumstances and assumptions about future events. 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** operates, **CEMEX's** ability to comply with the terms and obligations of the financing agreement entered into with major creditors and other debt agreements, **CEMEX's** ability to achieve anticipated cost savings, changes in interest rates, changes in inflation rates, changes in exchange rates, the cyclical activity of the construction sector generally, changes in cement demand and prices, **CEMEX's** ability to benefit from government economic stimulus plans, changes in raw material and energy prices, changes in business strategy, changes in the prevailing regulatory framework, natural disasters and other unforeseen events 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. Forward-looking statements are made as of the date hereof, and **CEMEX** does not intend, nor is it obligated, to update these forward-looking statements, whether as a result of new information, future events or otherwise.

UNLESS OTHERWISE NOTED, ALL FIGURES ARE PRESENTED IN DOLLARS,
BASED ON INTERNATIONAL FINANCIAL REPORTING STANDARDS

- We expect consolidated volumes for cement to grow by 2% and, on a like-to-like basis for the ongoing operations, ready-mix volumes to grow by 5% and aggregates volumes to grow by 3%
- Cost of energy, on a per-ton-of-cement-produced basis, expected to decline by about 2%
- Total capital expenditures expected to be US\$600 million, US\$465 million in maintenance capex and US\$135 million in strategic capex
- No major change expected in cash taxes, excluding the payment made in Mexico as filed in March 9, 2012
- We expect no significant difference in our 2012 working capital investments versus 2011, adjusting for foreign-exchange fluctuations
- No significant change expected in cost of debt, including perpetual and convertible notes

2012 Expected Outlook: Selected countries



	Domestic gray cement	Ready mix	Aggregates
	Volumes	Volumes	Volumes
Consolidated	2%	5%	3%
Mexico	4%	8%	7%
United States	mid single digit growth ¹	mid single digit growth ¹	mid single digit growth ¹
Spain	(29%)	(28%)	(32%)
UK	0%	(3%)	(4%)
France	N/A	0%	0%
Germany	(1%)	(1%)	(4%)
Poland	1%	(2%)	3%
Colombia	8%	37%	46%
Egypt	(8%)	13%	13%
Philippines	4%	N/A	N/A

¹ On a like-to-like basis for the ongoing operations