

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: October 19, 2011

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

CEMEX PUBLICLY TRADED STOCK CORPORATION WITH VARIABLE CAPITAL
(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 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

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

N/A

Media Relations
Jorge Pérez
(52-81) 8888-4334
mr@cemex.com

Investor Relations
Eduardo Rendón
(52-81) 8888-4256
ir@cemex.com

Analyst Relations
Luis Garza
(52-81) 8888-4136
ir@cemex.com



CEMEX COMPLETES DEBT PREPAYMENT STRATEGY

MONTERREY, MEXICO, OCTOBER 19, 2011 – CEMEX, S.A.B. de C.V. (CEMEX) (NYSE: CX) announced that, as a result of a prepayment made today, it has now reduced the initial exposure under its Financing Agreement by more than half (50.97%), or about US\$7.66 billion.

Fernando A. González, Executive Vice President of Finance and Administration, said: “With this payment, we have now met the final prepayment milestone under the Financing Agreement to avoid a 50-basis-point increase in our interest expense. In addition, we have addressed all maturities under the Financing Agreement until December 2013 and continue to comply with all of our financial obligations.”

CEMEX is a global building materials company that provides high-quality products and reliable service to customers and communities in more than 50 countries throughout the world. CEMEX has a rich history of improving the well-being of those it serves through its efforts to pursue innovative industry solutions and efficiency advancements and to promote a sustainable future.

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This press release contains forward-looking statements and information that are necessarily subject to risks, uncertainties and assumptions. Many factors could cause the actual results, performance or achievements of CEMEX to be materially different from those expressed or implied in this release, 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. CEMEX assumes no obligation to update or correct the information contained in this press release.

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: October 19, 2011

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