
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: March 29, 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

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**CEMEX ANNOUNCES PRICING
OF U.S.\$800 MILLION IN FLOATING RATE NOTES**

MONTERREY, MEXICO, MARCH 29, 2011. CEMEX, S.A.B. de C.V. (CEMEX) (NYSE: CX), announced today the pricing of U.S.\$800 million aggregate principal amount of floating rate senior secured notes (the "Notes") denominated in U.S. Dollars.

The Notes will mature on September 30, 2015, will pay interest quarterly at three-month U.S. Dollar LIBOR plus 500 basis points, and will be issued at a price of 99.001% of face value. The closing of the offering is expected to occur on April 5, 2011, subject to satisfaction of customary closing conditions.

CEMEX intends to use the net proceeds from the offering to prepay principal outstanding under its Financing Agreement completed on August 14, 2009, as amended. As a result of this expected prepayment and, taking into account other prepayments, CEMEX will have (i) addressed all maturities under the agreement until December 2013, (ii) repaid approximately 50% of the original balance outstanding under the agreement, significantly improving CEMEX's debt maturity profile, and (iii) repaid approximately 98% of the total amount required to be repaid by December 31, 2011 to reach the second milestone under the agreement, which would enable CEMEX to avoid the remaining 50 basis points increase in the agreement's annual interest rate.

The Notes will share in the collateral pledged for the benefit of the lenders under the Financing Agreement and other secured obligations having the benefit of such collateral, and will be guaranteed by CEMEX Mexico, S.A. de C.V., CEMEX España, S.A. and New Sunward Holding B.V.

The Notes and the guarantees thereof have not been and will not be registered under the U.S. Securities Act of 1933, as amended (the "Securities Act"), or any state securities laws, and they may not be offered or sold in the United States absent registration or an applicable exemption from the registration requirements of the Securities Act.

THE NOTES HAVE NOT BEEN AND WILL NOT BE REGISTERED WITH THE NATIONAL SECURITIES REGISTRY (REGISTRO NACIONAL DE VALORES) MAINTAINED BY THE MEXICAN NATIONAL BANKING AND SECURITIES COMMISSION (COMISIÓN NACIONAL BANCARIA Y DE VALORES, OR CNBV), AND MAY NOT BE OFFERED OR SOLD PUBLICLY, OR OTHERWISE BE THE SUBJECT OF BROKERAGE ACTIVITIES, IN MEXICO, EXCEPT THAT THE NOTES MAY BE OFFERED IN MEXICO PURSUANT TO A PRIVATE PLACEMENT EXEMPTION SET FORTH UNDER ARTICLE 8 OF THE MEXICAN SECURITIES MARKET LAW (LEY DEL MERCADO DE VALORES), TO MEXICAN INSTITUTIONAL AND QUALIFIED INVESTORS. UPON THE ISSUANCE OF THE NOTES, WE WILL NOTIFY THE CNBV OF THE ISSUANCE OF THE NOTES, INCLUDING THE PRINCIPAL CHARACTERISTICS OF THE NOTES AND THE OFFERING OF THE NOTES OUTSIDE MEXICO. SUCH NOTICE WILL BE DELIVERED TO THE CNBV TO COMPLY WITH A LEGAL REQUIREMENT AND FOR INFORMATION PURPOSES ONLY, AND THE DELIVERY TO AND THE RECEIPT BY THE CNBV OF SUCH NOTICE DOES NOT CONSTITUTE OR IMPLY ANY CERTIFICATION AS TO THE INVESTMENT QUALITY OF THE NOTES OR OF OUR SOLVENCY, LIQUIDITY OR CREDIT QUALITY OR THE ACCURACY OR COMPLETENESS OF THE INFORMATION SET FORTH HEREIN. THE INFORMATION CONTAINED IN THE DOCUMENTS USED FOR THE OFFERING OF THE NOTES IS THE EXCLUSIVE RESPONSIBILITY OF CEMEX AND HAS NOT BEEN REVIEWED OR AUTHORIZED BY THE CNBV.

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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: March 29, 2011

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