
**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 May, 2016

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
San Pedro 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 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. Press release of CEMEX, S.A.B. de C.V. (NYSE: CX), dated May 2, 2016, announcing that it has reached an agreement in principle for the sale of certain assets in the U.S. to Grupo Cementos de Chihuahua, S.A.B. de C.V.

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: May 2, 2016

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

EXHIBIT INDEX

EXHIBIT
NO.

DESCRIPTION

- | | |
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| 1. | Press release of CEMEX, S.A.B. de C.V. (NYSE: CX), dated May 2, 2016, announcing that it has reached an agreement in principle for the sale of certain assets in the U.S. to Grupo Cementos de Chihuahua, S.A.B. de C.V. |
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CEMEX TO DIVEST CERTAIN ASSETS IN THE U.S.

MONTERREY, MEXICO. MAY 2, 2016 – CEMEX, S.A.B. de C.V. (“CEMEX”) (NYSE: CX) announced today that it has reached an agreement in principle for the sale of certain assets in the U.S. to Grupo Cementos de Chihuahua, S.A.B. de C.V. (“GCC”) for U.S.\$400 million.

The assets, which would be sold to a U.S. affiliate of GCC, mainly consist of CEMEX’s cement plants in Odessa, Texas and Lyons, Colorado, three cement terminals and the building materials business in El Paso, Texas and Las Cruces, New Mexico.

Closing of this transaction is subject to final binding agreements being signed as well as to the fulfillment of various conditions precedent, mainly confirmatory due diligence and approvals from competition authorities, among others. We currently expect to finalize this transaction before the end of 2016.

CEMEX is a global building materials company that provides high quality products and reliable service to customers and communities in more than 50 countries. Celebrating its 110th anniversary, CEMEX has a rich history of improving the well-being of those it serves through innovative building solutions, efficiency advancements, and efforts to promote a sustainable future.

For more information on CEMEX, please visit: www.cemex.com

For more information on GCC, please visit: www.gcc.com

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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 or the transaction herein described to be materially different from those expressed or implied in this release, including not reaching final binding agreement or not satisfying all closing conditions. 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. CEMEX is not responsible for the content of any third-party website or webpage referenced to or accessible through this press release.