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, 2017

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, dated April 5, 2017, announcing that the European Commission has issued a decision that ultimately does not allow CEMEX, S.A.B. de C.V. (NYSE:CX) to sell its operations in Croatia to Duna-Drava Cement Kft.

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 5, 2017

By: /s/ Rafael Garza

Name: Rafael Garza Title: Chief Comptroller

EXHIBIT INDEX

EXHIBIT	
NO.	

1.

DESCRIPTION

Press release, dated April 5, 2017, announcing that the European Commission has issued a decision that ultimately does not allow CEMEX, S.A.B. de C.V. (NYSE:CX) to sell its operations in Croatia to Duna-Drava Cement Kft.

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Building a better future

CEMEX TO MAINTAIN ITS OPERATIONS IN CROATIA

MONTERREY, MEXICO. APRIL 5, 2017 – CEMEX, S.A.B. de C.V. ("CEMEX") (NYSE: CX) announced today that the European Commission (the "EC") has issued a decision that ultimately does not allow CEMEX to sell its operations in Croatia to Duna-Drava Cement Kft., a joint venture owned by HeidelbergCement AG and Schwenk Zement AG.

As one of the closing conditions under the corresponding sale purchase agreement was to receive the necessary clearance from the EC, the transaction will not close and CEMEX will maintain its operations in Croatia and continue to operate them and serve its customers with high quality products and reliable services.

CEMEX Croatia operates 3 cement plants, 7 concrete plants, 2 aggregates quarries and a network of maritime and land-based terminals in Croatia, Bosnia-Herzegovina and Montenegro.

CEMEX is a global building materials company that provides high-quality products and reliable services to customers and communities in more than 50 countries. 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

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This press release contains forward-looking statements and information that are necessarily subject to risks, uncertainties and assumptions. CEMEX assumes no obligation to update or correct the information contained in this press release.