## 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, 2022

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 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. Press release, dated April 11, 2022, announcing early tender results and early settlement of CEMEX, S.A.B. de C.V.'s ("CEMEX") (NYSE:CX) tender offer for 5.200% Notes due 2030, 5.450% Notes due 2029 and 3.875% Notes due 2031, in each case issued by CEMEX.

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.

Date: April 11, 2022

CEMEX, S.A.B. de C.V. (Registrant)

By: /s/ Rafael Garza Lozano

Name: Rafael Garza Lozano Title: Chief Comptroller

#### EXHIBIT INDEX

#### EXHIBIT NO.

1.

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DESCRIPTION

Media Relations Jorge Pérez +52 (81) 8259-6666 jorgeluis.perez@cemex.com Analyst and Investor Relations Alfredo Garza / Fabián Orta +1 (212) 317-6011 +52 (81) 8888-4327 ir@cemex.com



### Building a better future

#### CEMEX ANNOUNCES EARLY TENDER RESULTS FOR CERTAIN NOTES AND EARLY SETTLEMENT OF TENDER OFFER

**MONTERREY, MEXICO, April 11, 2022** – CEMEX, S.A.B. de C.V. ("CEMEX") (NYSE: CX) announced today that U.S.\$163,762,000 aggregate principal amount of the outstanding 5.200% Notes due 2030 (the "2030 Notes"), U.S.\$108,648,000 aggregate principal amount of the outstanding 5.450% Notes due 2029 (the "2029 Notes") and U.S.\$156,178,000 aggregate principal amount of the outstanding 3.875% Notes due 2031 (the "2031 Notes" and, together with the 2030 Notes and the 2029 Notes, the "Notes"), in each case issued by CEMEX, were validly tendered by holders of the Notes at or prior to the early tender deadline of 8:00 a.m., New York City time, on April 11, 2022 (the "Early Tender Date"), pursuant to CEMEX's previously announced cash tender offer (the "Tender Offer") to purchase up to U.S.\$500,000,000 (the "Aggregate Maximum Tender Amount") of the Notes. The Tender Offer is being made pursuant to the Offer to Purchase dated March 28, 2022 (the "Offer to Purchase") and the related letter of transmittal.

The following table summarizes the early tender results as of the Early Tender Date and the aggregate principal amount of Notes that CEMEX has accepted for purchase:

Title of Security	CUSIP / ISIN	Aggregate Principal Amount Outstanding	Total Consideration(1)(2)	Acceptance Priority Level	Principal Amount Tendered	Principal Amount Accepted for Purchase
	151290 BX0 / US151290BX00	0				
5.200% Notes due 2030	P2253T JQ3 / USP2253TJQ33	U.S.\$1,000,000,000	U.S.\$991.250	1	U.S.\$163,762,000	U.S.\$163,762,000
5.450% Notes due 2029	151290 BV4 / US151290BV44 P2253T JN0 / USP2253TJN02	U.S.\$1.000.000.000	U.S.\$1.012.625	2	U.S.\$108,648,000	U.S.\$108,648,000
	151290 BZ5 / US151290BZ57 P2253T JR1 /	0.0.000,000,000		_		0.0.01000,010,000
3.875% Notes due 2031	USP2253TJR16	U.S.\$1,750,000,000	U.S.\$911.875	3	U.S.\$156,178,000	U.S.\$156,178,000

(1) Per U.S.\$1,000 principal amount.

(2) Total consideration does not include accrued and unpaid interest.

The early settlement date on which CEMEX will make payment for such 2030 Notes, 2029 Notes and 2031 Notes accepted in the Tender Offer is expected to be April 13, 2022 (the "Early Settlement Date").

Holders of Notes that validly tendered their Notes on or prior to the Early Tender Date and whose Notes have been accepted for purchase are entitled to receive U.S.\$991.250 per U.S.\$1,000 principal amount of 2030 Notes, U.S.\$1,012.625 per U.S.\$1,000 principal amount of 2029 Notes and U.S.\$911.875 per U.S.\$1,000 principal amount of 2031 Notes accepted for purchase, which includes, in each case, an early tender premium equal to U.S.\$30.00 per U.S.\$1,000 principal amount of Notes accepted for purchase. Holders of Notes who validly tendered their Notes on or prior to the Early Tender Date and whose Notes have been accepted for purchase will also receive accrued and unpaid interest on their accepted Notes from the last interest payment date to, but not including, the Early Settlement Date. The total cash payment to purchase the accepted Notes on the Early Settlement Date will be approximately U.S.\$419,293,717.35. Notes that have been validly tendered cannot be withdrawn, except as may be required by applicable law. The Tender Offer will expire at 11:59 p.m., New York City time, on April 25, 2022 (the "Expiration Date").

Holders of Notes who tender after the Early Tender Date but before the Expiration Date and whose Notes are accepted for purchase pursuant to the Tender Offer will not receive the early tender premium equal to U.S.\$30.00 per U.S.\$1,000 principal amount of Notes accepted for purchase. Any tendered Notes that are not accepted for purchase will be returned or credited without expense to the holder 's account.

CEMEX has retained BofA Securities, Inc. ("BofA Securities") and J.P. Morgan Securities LLC ("J.P. Morgan Securities") to act as Dealer Managers for the Tender Offer. Holders with questions about the Tender Offer can contact BofA Securities at +1(888) 292-0070 (toll free) or +1(646) 855-8988 (collect) and J.P. Morgan Securities at +1(886) 846-2874 (toll free) or +1(212) 834-7279 (collect). Holders can obtain additional copies of the Offer to Purchase and related material from the Information Agent and Tender Agent, Global Bondholder Services Corporation, at +1(855) 654-2015 (toll-free) or +1(212) 430-3774 (collect for banks and brokers).

This release is neither an offer to purchase nor a solicitation of an offer to sell or buy any securities in any transaction. The Tender Offer is being made pursuant to the Offer to Purchase and the related letter of transmittal, copies of which were delivered to holders of the Notes, and which set forth the complete terms and conditions of the Tender Offer. The Tender Offer is not being made to, nor will CEMEX accept tenders of the Notes from, holders in any jurisdiction in which the Tender Offer would not be in compliance with the securities or blue sky laws of such jurisdiction. None of CEMEX, the Dealer Managers, the tender agent, the information agent or the trustee under the indentures governing the Notes, or any of their respective affiliates, makes any recommendation in connection with the Tender Offer.

Neither the Offer to Purchase nor any related documents have been filed with, or approved or reviewed by, any federal or state securities commission or regulatory authority of any country. No authority has passed upon the accuracy or adequacy of the Offer to Purchase or any related documents, and it is unlawful and may be a criminal offense to make any representation to the contrary.

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This press release contains forward-looking statements within the meaning of the U.S. federal securities laws and information that are necessarily subject to risks, uncertainties, and assumptions, including but not limited to statements related to CEMEX's plans, objectives, expectations (financial or otherwise), and typically can be identified by the use of words such as "will," "any," "assume," "infint," "should," "could," "contiue," "would," "contiue," "would," "contiue," "would," "contine," "would,

For enquiries or further information please contact: CEMEX, S.A.B. de C.V. Ave. Ricardo Margáin Zozaya #325 Colonia Valle del Campestre San Pedro Garza García, Nuevo León México 66265 Tel: 52 81 8888-4369 E-mail: Rafael.valenzuela@cemex.com Attention: Rafael Valenzuela Gavtán

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