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 March 2024

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 66265, México (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	X	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

On March 22, 2024, Cemex, S.A.B. de C.V. ("Cemex" or the "Company") informed the Mexican Stock Exchange (*Bolsa Mexicana de Valores*) that, at Cemex's Ordinary General Shareholders' Meeting held on March 22, 2024, members of Cemex's Board of Directors, as well as members of Cemex's Board of Directors' Audit, Corporate Practices and Finance, and Sustainability, Climate Action, Social Impact, and Diversity Committees, were elected as follows:

BOARD OF DIRECTORS

ROGELIO ZAMBRANO LOZANO	Non-Independent Director (Criteria: Relevant Executive of the Company)
FERNANDO ÁNGEL GONZÁLEZ OLIVIERI	Non-Independent Director (Criteria: Relevant Executive of the Company)
MARCELO ZAMBRANO LOZANO	Non-Independent Director (Criteria: First degree blood relative of the Chairman of the Board of Directors)
ARMANDO J. GARCÍA SEGOVIA	Independent Director
RODOLFO GARCÍA MURIEL	Independent Director
FRANCISCO JAVIER FERNÁNDEZ CARBAJAL	Independent Director
ARMANDO GARZA SADA	Independent Director
DAVID MARTÍNEZ GUZMÁN	Independent Director
EVERARDO ELIZONDO ALMAGUER	Independent Director
RAMIRO GERARDO VILLARREAL MORALES	Independent Director
GABRIEL JARAMILLO SANINT	Independent Director
ISABEL MARÍA AGUILERA NAVARRO	Independent Director
MARÍA DE LOURDES MELGAR PALACIOS	Independent Director

Rogelio Zambrano Lozano, Roger Saldaña Madero, and René Delgadillo Galván were elected, respectively, as Chairman, Secretary, and Alternate Secretary of Cemex's Board of Directors, the latter two not being Directors.

AUDIT COMITTEE

EVERARDO ELIZONDO ALMAGUER FRANCISCO JAVIER FERNÁNDEZ CARBAJAL GABRIEL JARAMILLO SANINT

CORPORATE PRACTICES AND FINANCE COMMITTEE

FRANCISCO JAVIER FERNÁNDEZ CARBAJAL RODOLFO GARCÍA MURIEL RAMIRO GERARDO VILLARREAL MORALES

SUSTAINABILITY, CLIMATE ACTION, SOCIAL IMPACT, AND DIVERSITY COMMITTEE

ARMANDO J. GARCÍA SEGOVIA

MARCELO ZAMBRANO LOZANO

ISABEL MARÍA AGUILERA NAVARRO

MARÍA DE LOURDES MELGAR PALACIOS

Everardo Elizondo Almaguer, Francisco Javier Fernández Carbajal, and Armando J. García Segovia were appointed as Presidents of the Audit Committee, Corporate Practices and Finance Committee, and Sustainability, Climate Action, Social Impact, and Diversity Committee of Cemex's Board of Directors, respectively. The Secretary and Alternate Secretary of Cemex's Board of Directors will act as Secretary and Alternate Secretary of the Audit Committee, Corporate Practices and Finance Committee, and Sustainability, Climate Action, Social Impact, and Diversity Committee of Cemex's Board of Directors, without forming part of the aforementioned Committees.

3

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)

By: /s/ Rafael Garza Lozano

Name: Rafael Garza Lozano Title: Chief Comptroller

4

Date: March 22, 2024