
**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 February, 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. Notice for CEMEX, S.A.B. de C.V.'s (NYSE:CX) Ordinary General Shareholders Meeting to be held on March 30, 2017, in the city of Monterrey, Nuevo León, México.
2. Supplemental information to the agenda for the Ordinary General Shareholders Meetings.

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: February 3, 2017

By: /s/ Rafael Garza

Name: Rafael Garza

Title: Chief Comptroller

EXHIBIT INDEX

EXHIBIT NO.

DESCRIPTION

1. Notice for CEMEX, S.A.B. de C.V.'s (NYSE: CX) Ordinary General Shareholders Meeting to be held on March 30, 2017, in the city of Monterrey, Nuevo León, México.
2. Supplemental information to the agenda for the Ordinary General Shareholders Meetings.



**CEMEX, S.A.B. DE C.V.
NOTICE OF
ORDINARY GENERAL SHAREHOLDERS MEETING**

The Board of Directors of CEMEX, S.A.B. de C.V. has resolved to call the Company's Ordinary General Shareholders Meeting to be held at the Luis Elizondo Auditorium, located at 540 Luis Elizondo, Colonia Altavista, in the city of Monterrey, México, at 12:00 P.M. on March 30, 2017, in accordance with the following:

AGENDA

- I. PRESENTATION OF THE CHIEF EXECUTIVE OFFICER'S REPORT, INCLUDING THE COMPANY'S FINANCIAL STATEMENTS, REPORT OF CHANGES IN FINANCIAL SITUATION AND VARIATIONS OF CAPITAL STOCK, AND OF THE BOARD OF DIRECTORS' REPORT FOR THE 2016 FISCAL YEAR, PURSUANT TO THE MEXICAN SECURITIES MARKET LAW (*LEY DEL MERCADO DE VALORES*); DISCUSSION AND APPROVAL OF SUCH REPORTS, AFTER HEARING THE BOARD OF DIRECTORS' OPINION TO THE CHIEF EXECUTIVE OFFICER'S REPORT, THE AUDIT COMMITTEE'S AND CORPORATE PRACTICES COMMITTEE'S REPORTS, THE REPORT OF ACCOUNTING PRINCIPLES ADOPTED, AND THE REPORT ON THE REVIEW OF THE COMPANY'S TAX SITUATION.
- II. PROPOSAL FOR THE ALLOCATION OF PROFITS.
- III. PROPOSAL TO INCREASE THE CAPITAL STOCK OF THE COMPANY IN ITS VARIABLE PORTION THROUGH: (A) CAPITALIZATION OF RETAINED EARNINGS; AND (B) ISSUANCE OF TREASURY SHARES IN ORDER TO PRESERVE THE RIGHTS OF CONVERTIBLE NOTE HOLDERS PURSUANT TO THE COMPANY'S PREVIOUS ISSUANCE OF CONVERTIBLE NOTES.
- IV. APPOINTMENT OF DIRECTORS, MEMBERS AND PRESIDENT OF THE AUDIT AND CORPORATE PRACTICES AND FINANCE COMMITTEES.
- V. COMPENSATION OF THE MEMBERS OF THE BOARD OF DIRECTORS AND OF THE AUDIT AND CORPORATE PRACTICES AND FINANCE COMMITTEES.
- VI. APPOINTMENT OF DELEGATE OR DELEGATES TO FORMALIZE THE RESOLUTIONS ADOPTED AT THE MEETING.

In order to be admitted into the Meeting, shareholders must prove their status by submitting to the Company's Secretariat, located at Avenida Ricardo Margáin Zozaya, No. 325, Colonia Valle del Campestre, San Pedro Garza García, Nuevo León, with a minimum of 48 (forty-eight) hours before the Meeting, the shares under their name or the corresponding deposit certificates issued by a credit institution in Mexico or by a market intermediary operating in accordance with the Mexican Securities Market Law. Additionally, in accordance with Article 14 of the Company's By-Laws, the person to whom the documents evidencing the deposit were issued, must also be registered as a shareholder in the Registry maintained by the Company, and if applicable, in the Significant Participation Registry, and must also comply with the measures designed to prevent the acquisition of shares that would directly or indirectly confer control over the Company, pursuant to Articles 7 and 10 of the Company's By-Laws. If the provisions of subsections II.- (A) and II.- (B) of the abovementioned Article 7 are not complied with, the Holder(s) will not be able to exercise the inherent rights of their shares, and will be excluded from the shareholders'



meeting quorum determination. The Company will not register such Holders in the Shareholders Registry referred to in the Mexican General Law of Commercial Companies (*Ley General de Sociedades Mercantiles*), and the registry made through the Institute for the Deposit of Securities (*Institución para el Depósito de Valores*), if applicable, will not take effect.

The certificates of deposit will be exchanged for admission cards, which shall mention the name of the shareholder and the number of shares he/she holds or represents. The shares held in deposit or the respective certificates will be returned upon the Meeting's conclusion in exchange for the entrance certificates issued by the Company's Secretariat. The abovementioned admission cards are required for access to the shareholders meeting.

Stock market intermediaries and other interested parties may collect the proxy forms to be used to attend the Meeting on behalf of shareholders, at the Company's Secretariat, located at Avenida Ricardo Margáin Zozaya, No. 325, Colonia Valle del Campestre, San Pedro Garza García, Nuevo León.

All shareholders of Mexican nationality who have not exchanged their shares for Ordinary Participation Certificates (*Certificados de Participación Ordinarios*) (CEMEX.CPO), or who do not maintain their shares in an investment account with a financial or stock intermediary, and who are recorded in the Shareholders Registry maintained by the Company, will need to submit their Federal Registry of Taxpayers Certificate to attend the Meeting.

Monterrey, Nuevo León, as of February 2, 2017.

/s/ Ramiro Gerardo Villarreal Morales
Lic. Ramiro Gerardo Villarreal Morales.
Secretary of the Board of Directors



**SUPPLEMENTAL INFORMATION TO THE AGENDA FOR THE
ORDINARY GENERAL SHAREHOLDERS MEETING OF CEMEX, S.A.B. DE C.V.**

Why is there an Ordinary General Shareholders Meeting?

Under Mexican law, certain matters can only be approved at an Ordinary General Shareholders Meeting. On March 30, 2017, CEMEX, S.A.B. de C.V. ("CEMEX") will first have its Annual Ordinary General Shareholders Meeting.

What is being proposed under item I of the agenda for the Ordinary General Shareholders Meeting?

The discussion and approval of the reports for the year ended on December 31, 2016, which include CEMEX's consolidated financial statements, report of changes in financial situation and variations of capital stock, that the Chief Executive Officer ("CEO") of CEMEX must submit to CEMEX's shareholders after they are informed of the reports from CEMEX's Board of Directors committees, the report of the activities of CEMEX's Board of Directors, CEMEX's Board of Directors opinion on the report presented by the CEO of CEMEX, as well as the accounting policies and tax compliance reports, as required in accordance with applicable Mexican Securities Market Laws, Tax Laws and CEMEX's by-laws. This proposal is standard for companies in Mexico at these meetings.

What is being proposed under item II of the agenda for the Ordinary General Shareholders Meeting?

The approval of a proposal for the allocation of profits for the year ended December 31, 2016. This proposal is also standard for companies in Mexico at these meetings.

What is being proposed under item III of the agenda for the Ordinary General Shareholders Meeting?

The approval of (i) an increase in the variable portion of CEMEX's capital stock through a recapitalization of retained earnings and (ii) the issuance of additional shares to be held in treasury, as required under CEMEX's currently outstanding convertible notes. First, as no dividend is being declared for the 2016 fiscal year, CEMEX's shareholders will be asked to approve a recapitalization of retained earnings, whereby CEMEX's shareholders will receive new shares of CEMEX's capital stock resulting from the increase in CEMEX's capital stock. As background, at CEMEX's Ordinary General Shareholders Meetings held since 2009, CEMEX's shareholders approved a similar recapitalization of retained earnings. Please visit CEMEX's "Investor Center" section on CEMEX's website at <http://www.cemex.com> for information on the 2016 capitalization program. Second, as a result of the capitalization, and as required by the anti-dilution provisions of CEMEX's currently outstanding convertible notes, additional shares will be issued to be held in treasury pending delivery upon conversion of CEMEX's currently outstanding convertible notes. This item of the agenda **does not** contemplate any new issuance of convertible notes. At CEMEX's Ordinary General Shareholders Meetings held since 2011, CEMEX's shareholders have approved a similar proposal for the issuance of additional shares to be held in treasury related to CEMEX's then outstanding convertible notes.

What is being proposed under items IV, V, and VI of the agenda for the Ordinary General Shareholders Meeting?

In accordance with the laws of Mexico, the approval of (i) the individuals that will be proposed during the meeting to be appointed as members of CEMEX's Board of Directors, (ii) the individuals that will be



proposed during the meeting to be appointed the President, respectively for each corresponding committee, and members of CEMEX's Audit Committee and the Corporate Practices and Finance Committee, (iii) the proposal for the compensation of members of CEMEX's Board of Directors, Audit Committee and the Corporate Practices and Finance Committee, and (iv) the proposal to appoint the delegate or delegates to formalize the approved resolutions. These proposals are standard for companies in Mexico at these meetings.

Where can I get more information and documentation about CEMEX's Ordinary General Shareholders Meetings?

For more information and documentation you should visit the "Investor Center" section on CEMEX's website at www.cemex.com. Additional documentation will be made public at the "Investor Center" section on CEMEX's website at www.cemex.com by no later than March 1, 2017.