SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549 SCHEDULE 13G* (Rule 13d-102) INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b), (c), AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2 (AMENDMENT NO.)* Cemex, S.A.B. de C.V. _____ _____ (Name of Issuer) Ordinary Participation Certificates _____ _____ (Title of Class of Securities) P2253T-13-3 _____ (CUSIP Number) October 21, 2011 _____ _____ (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

/ /	Rule	13d-1(b)
/X/	Rule	13d-1(c)
/ /	Rule	13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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(1) NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Citigroup Inc. (2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) // (b) //

(3) SEC USE ONLY

(4) CITIZENSHIP OR PLACE OF ORGANIZATION Delaware

_____ ------NUMBER OF (5) SOLE VOTING POWER 0 SHARES _____ BENEFICIALLY (6) SHARED VOTING POWER 557,968,145* * * OWNED BY _____ EACH (7) SOLE DISPOSITIVE POWER 0 REPORTING _____ PERSON (8) SHARED DISPOSITIVE POWER 557,968,145* * * WITH: _____ (9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 557,968,145* * * _____ (10) CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) / / _____ (11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 5.2%* _____ (12) TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) НC _____ The percentage held is based on 10,445,000,000 shares of Ordinary Participation Certificates outstanding. The filer's holdings consist of 14,194,299 American Depository shares (each representing 10 Ordinary Participation Certificates) and 416,025,155 Ordinary Participation Certificates. ** Assumes conversion/exercise of certain securities held. Item 1(a). Name of Issuer: Cemex, S.A.B. de C.V. Item 1(b). Address of Issuer's Principal Executive Offices: Avenida Ricardo Margain Zozaya #325 Colonia Valle del Campestre Garza Garcia, Nuevo Leon Mexico 66265 Item 2(a). Name of Person Filing: Citigroup Inc. ("Citigroup") Address of Principal Business Office or, if none, Residence: Item 2(b). The address of the principal business office of Citigroup is:

399 Park Avenue New York, NY 10043

Item 2(c). Citizenship:

Citigroup is a Delaware corporation.

Item 2(d). Title of Class of Securities:

Ordinary Participation Certificates

Item 2(e). CUSIP Number:

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- Item 3. If This Statement Is Filed Pursuant to Sections 240.13d-1(b) or 240.13d-2(b) or (c), Check Whether the Person Filing Is a(n):
 - (a) [] Broker or dealer registered under Section 15 of the Act (15 U.S.C. 780);
 - (b) [] Bank as defined in Section 3(a)(6) of the Act
 (15 U.S.C. 78c);
 - (c) [] Insurance company as defined in Section 3(a)(19) of the Act (15 U.S.C. 78c);

 - (e) [] Investment adviser in accordance with Section 240.13d-1(b)(1)(ii)(E);
 - (f) [] Employee benefit plan or endowment fund in accordance with Section 240.13d-1(b)(1)(ii)(F);
 - (g) [] Parent holding company or control person in accordance with Section 240.13d-1(b)(1)(ii)(G);
 - (h) [] Savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
 - (i) [] Church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
 - (j) [] A non-U.S. institution in accordance with Section 240.13d-1 (b) (1) (ii) (J);
 - (k) [] Group, in accordance with Section 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with Section 240.13d-1(b)(1)(ii)(J), please specify the type of institution:

Item 4. Ownership. (as of October 21, 2011)

- (a) Amount beneficially owned: See item 9 of cover pages
- (b) Percent of class: See item 11 of cover pages
- (c) Number of shares as to which the person has:
 - (i) Sole power to vote or to direct the vote:
 - (ii) Shared power to vote or to direct the vote:
 - (iii) Sole power to dispose or to direct the disposition of:

(iv) Shared power to dispose or to direct the disposition of:

See Items 5-8 of cover pages

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Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [].

Item 6. Ownership of More Than Five Percent on Behalf of Another Person.

Not Applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.

See Exhibit 1 for the identity and classification of the relevant subsidiaries which directly beneficially own the securities reported herein.

Item 8. Identification and Classification of Members of the Group.

Not Applicable.

Item 9. Notice of Dissolution of Group.

Not Applicable.

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Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the efect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE.

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: November 10, 2011

CITIGROUP INC.

By: /s/ Ali L. Karshan

Name: Ali L. Karshan Title: Assistant Secretary

Page 6 of 6 Pages EXHIBIT 1

Identification and Item 3 Classification of the subsidiaries which acquired the securities being reported by the parent holding companies.

EXHIBIT 1

IDENTIFICATION AND CLASSIFICATION OF SUBSIDIARIES WHICH ACQUIRED SECURITIES Citibank, N.A. is a bank as defined in Section 3(a)(6) of the Act (15 U.S.C. 78c) Impulsora de Fondos Banamex, S.A de C.V. is chartered in Mexico City, Mexico Each of the undersigned hereby affirms the indentification and Item 3 classification of the subsidiaries which acquired the security holdings reported in this Schedule 13G.

Date: November 10, 2011

CITIGROUP INC.

By: /s/ Ali L. Karshan

Name: Ali L. Karshan Title: Assistant Secretary