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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM 6-K**

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**REPORT OF FOREIGN PRIVATE ISSUER  
PURSUANT TO RULE 13a-16 or 15d-16  
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

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For the month of December 2020

Commission File Number: 001-14946

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**CEMEX, S.A.B. de C.V.**  
(Translation of Registrant's name into English)

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Avenida Ricardo Margáin Zozaya #325, Colonia Valle del Campestre,  
San Pedro Garza García, Nuevo León 66265, México  
(Address of principal executive offices)

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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):

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## Contents

1. “CEMEX Climate Action” presentation made on December 3, 2020 by CEMEX, S.A.B de C.V. (NYSE: CX).

**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: December 3, 2020

By: /s/ Rafael Garza Lozano

Name: Rafael Garza Lozano

Title: Chief Comptroller

**EXHIBIT INDEX**

EXHIBIT  
NO.

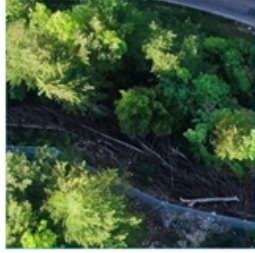
DESCRIPTION

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1. "CEMEX Climate Action" presentation made on December 3, 2020 by CEMEX, S.A.B de C.V. (NYSE: CX).



# Climate Action Panel



Juan Romero

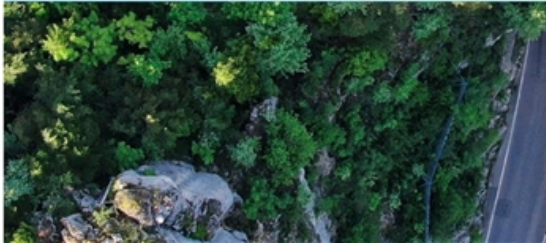
*EVP Sustainability, Commercial and Operations Development*

Vicente Saisó

*Head of Global Sustainability*

Davide Zampini

*Head of Global R&D*



This presentation contains, and the reports we will file in the future may contain, forward-looking statements within the meaning of the U.S. federal securities laws. We intend for these forward-looking statements to be covered by the safe harbor provisions for forward-looking statements within the meaning of the U.S. federal securities laws. In some cases, these statements can be identified by the use of forward-looking words such as "may," "assume," "might," "should," "could," "continue," "would," "can," "consider," "anticipate," "estimate," "expect," "envision," "plan," "believe," "foresee," "predict," "potential," "target," "strategy," "intend" or other similar words. These forward-looking statements reflect, as of the date such forward-looking statements are made, or unless otherwise indicated, our current expectations and projections about future events based on our knowledge of present facts and circumstances and assumptions about future events. These statements necessarily involve risks and uncertainties that could cause actual results to differ materially from our expectations. Some of the risks, uncertainties and other important factors that could cause results to differ, or that otherwise could have an impact on us or our consolidated entities, include, among other things: the cyclical activity of the construction sector; our exposure to other sectors that impact our and our clients' businesses, such as, but not limited to, the energy sector; availability of raw materials and related fluctuating prices; competition in the markets in which we offer our products and services; general political, social, health, economic and business conditions in the markets in which we operate or that affect our operations and any significant economic, health, political or social developments in those markets, as well as any inherent risks to international operations; the regulatory environment, including environmental, tax, antitrust, and acquisition-related rules and regulations; our ability to satisfy our obligations under our material debt agreements, the indentures that govern our outstanding senior secured notes and our other debt instruments and financial obligations; the availability of short-term credit lines or working capital facilities, which can assist us in connection with market cycles; the impact of our below investment grade debt rating on our cost of capital; loss of reputation of our brands; our ability to consummate asset sales, fully integrate newly acquired businesses, achieve cost-savings from our cost-reduction initiatives, implement our global pricing initiatives for our products and generally meet our "A Stronger CEMEX" plan and "Operation Resilience" plan's initiatives; the increasing reliance on information technology infrastructure for our sales invoicing, procurement, financial statements and other processes that can adversely affect our sales and operations in the event that the infrastructure does not work as intended, experiences technical difficulties or is subjected to cyber-attacks; changes in the economy that affect demand for consumer goods, consequently affecting demand for our products and services; the impact of pandemics, epidemics or outbreaks of infectious diseases and the response of governments and other third parties, including with respect to COVID-19, which have affected and may continue to adversely affect, among other matters, supply chains, international operations, availability of liquidity, investor confidence and consumer spending, as well as availability of, and demand for, our products and services; weather conditions, including but not limited to, excessive rain and snow, and disasters such as earthquakes and floods; trade barriers, including tariffs or import taxes and changes in existing trade policies or changes to, or withdrawals from, free trade agreements, including the USMCA, if it comes into effect, and NAFTA, while it is in effect, both of which Mexico is a party to; terrorist and organized criminal activities as well as geopolitical events; declarations of insolvency or bankruptcy, or becoming subject to similar proceedings; natural disasters and other unforeseen events (including global health hazards such as COVID-19); and other risks and uncertainties described in CEMEX's public filings. Readers are urged to read this presentation and carefully consider the risks, uncertainties and other factors that affect our business. The information contained in this presentation is subject to change without notice, and we are not obligated to publicly update or revise forward-looking statements after the date hereof or to reflect the occurrence of anticipated or unanticipated events or circumstances. Readers should review future reports filed by CEMEX with the United States Securities and Exchange Commission. CEMEX's "A Stronger CEMEX" plan and "Operation Resilience" plan is designed based on CEMEX's current beliefs and expectations. Unless the context indicates otherwise, all references to pricing initiatives, price increases or decreases, refer to CEMEX's prices for CEMEX's products. This presentation also includes statistical data regarding the production, distribution, marketing and sale of cement, ready-mix concrete, clinker and aggregates. We generated some of this data internally, and some was obtained from independent industry publications and reports that we believe to be reliable sources. We have not independently verified this data nor sought the consent of any organizations to refer to their reports in this presentation.

UNLESS OTHERWISE NOTED, ALL FIGURES ARE PRESENTED IN DOLLARS,  
BASED ON INTERNATIONAL FINANCIAL REPORTING STANDARDS, AS APPLICABLE



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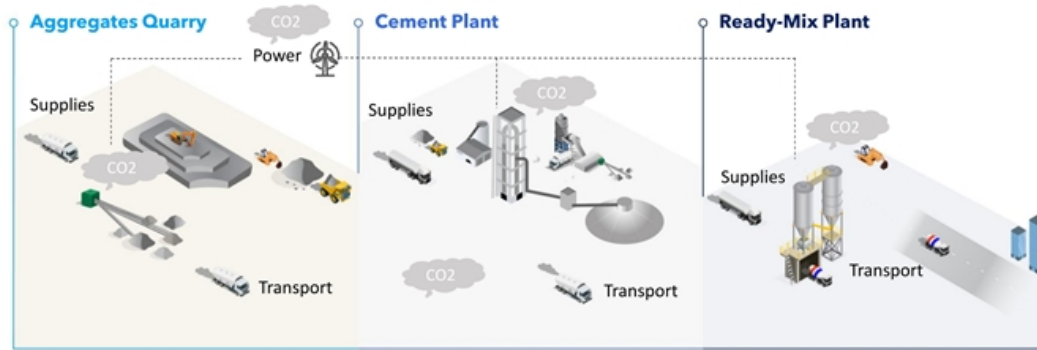
Climate action  
a challenge  
and an  
opportunity

→ Competitive advantage

→ Opportunity

→ Right thing to do

# CO<sub>2</sub> emissions must be viewed over the concrete lifecycle

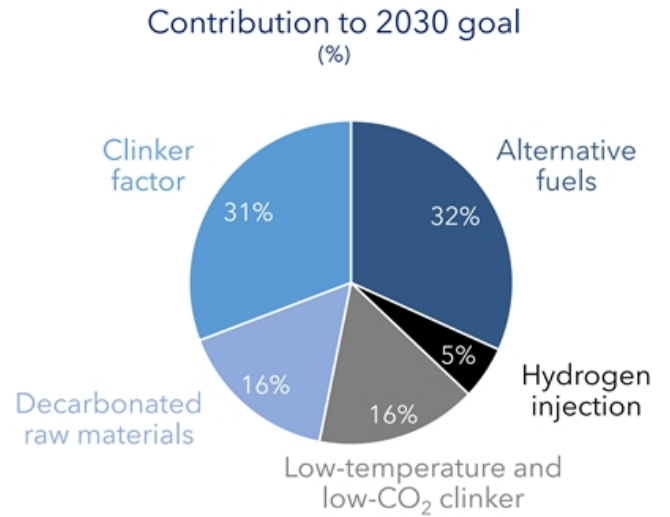
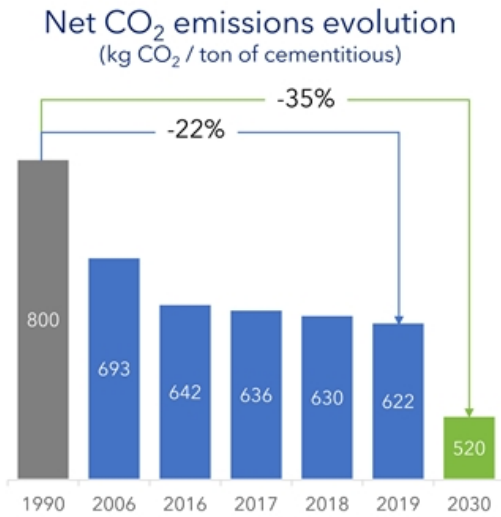


- ~90% of our total CO<sub>2</sub> emissions<sup>(1)</sup> are in the production of cement
- ~80% of cement emissions are direct
  - ~60% from process emissions
  - ~40% from fuel combustion
- Concrete absorbs up to 25% of its embodied CO<sub>2</sub> process emissions during its lifetime

1) Includes Direct and Indirect (power supply, supplies & transport) emissions



# Clear roadmap to 2030 goal of 35% reduction in CO<sub>2</sub> emissions



Plant by plant roadmap validated by Carbon Trust

Target based on a per ton of cementitious product vs. 1990 baseline

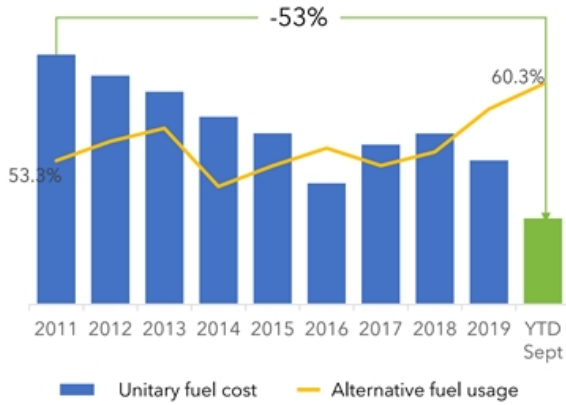


# Our 2030 roadmap provides significant opportunities

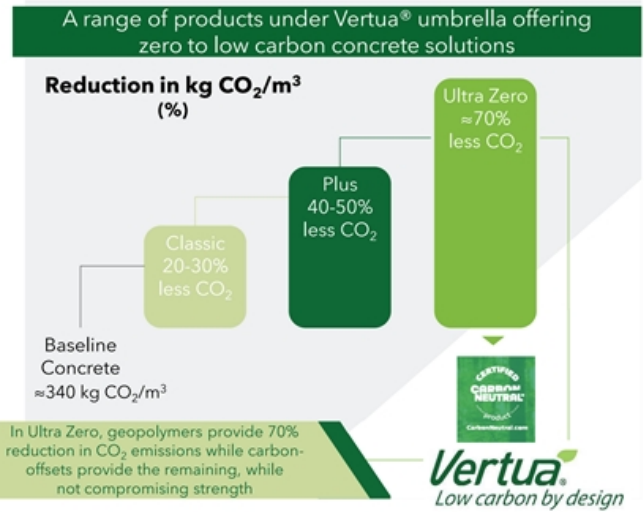


53% drop in fuel cost mainly due to higher alternative fuels

CEMEX Europe fuel cost (USD/Ton of cement)



## The First Net-Zero CO<sub>2</sub> Concrete Solution

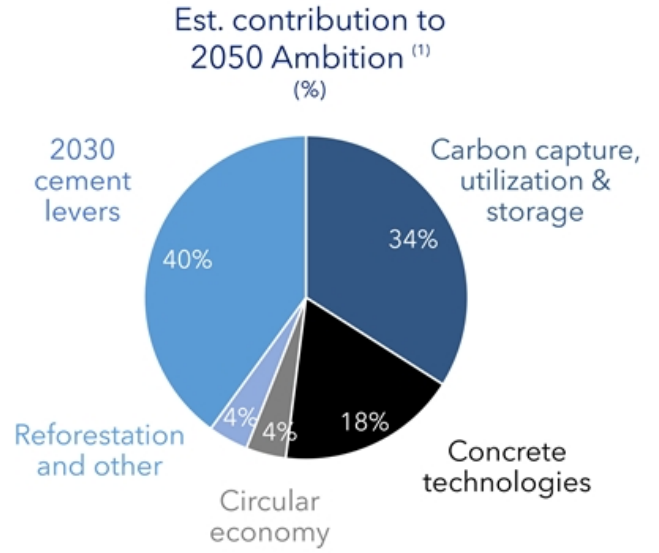
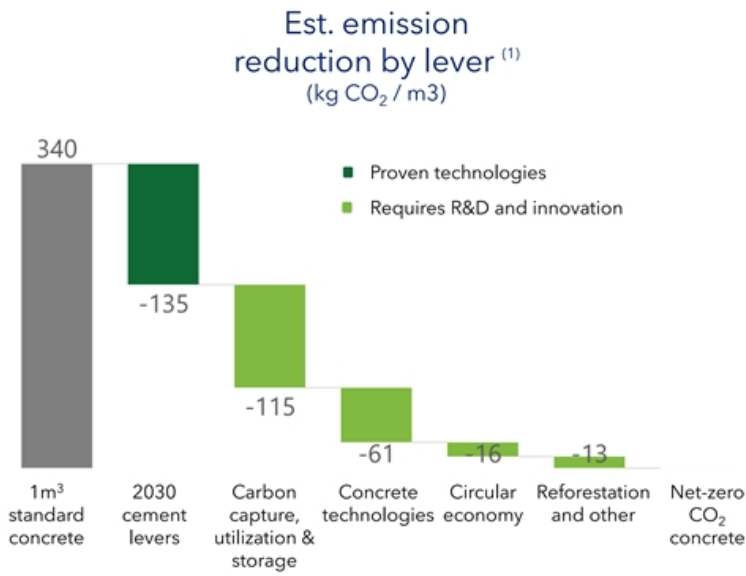




2050 Ambition: To deliver  
net-zero CO<sub>2</sub> concrete for all  
products and geographies

**FUTURE  
IN  
ACTION**  
COMMITTED TO NET ZERO CO<sub>2</sub>

# 2050 Ambition: To deliver net-zero CO<sub>2</sub> concrete




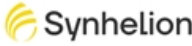








**2050 Ambition requires new technology that can be scaled at a competitive cost**

1) Baseline of structural concrete using Ordinary Portland Cement (OPC)



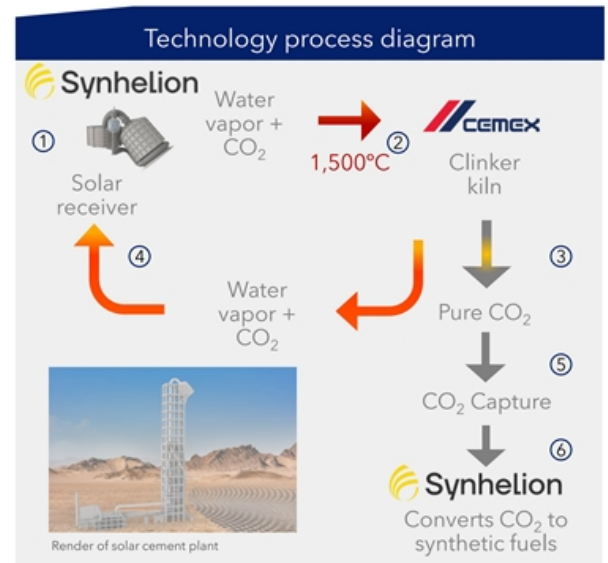
# Participating in ~30 disruptive projects across our value chain

	Number of ongoing projects	Example projects
Carbon capture, utilization & storage	15	   
Concrete technologies	10	  
Circular economy	4	  

# Synhelion project: Carbon capture and utilization



- Clinker manufacturing fully driven by solar heat radiation
- Captures 100% of CO<sub>2</sub> emissions
- Converts captured CO<sub>2</sub> into synthetic fuel
- Closes the carbon cycle

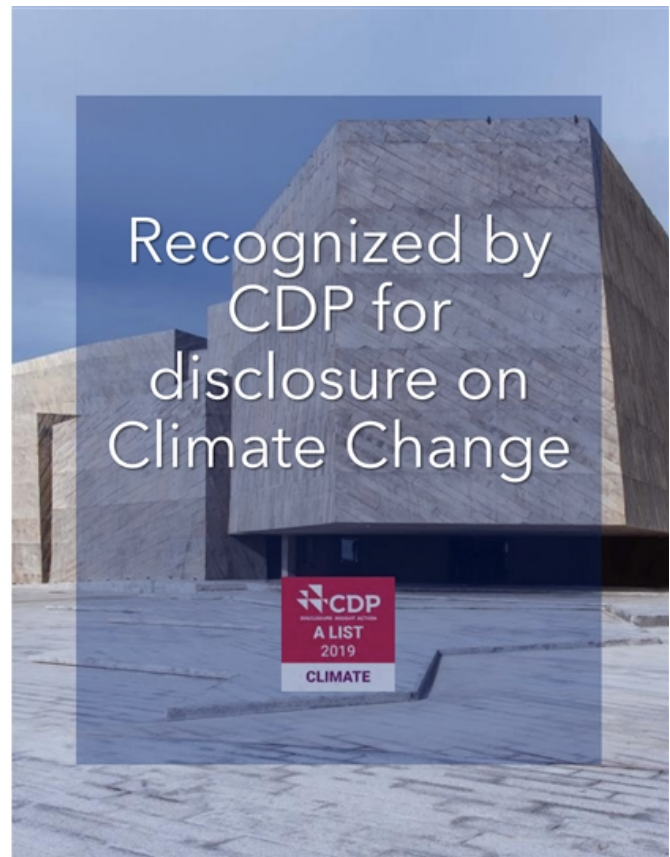


Ground-breaking technology to decarbonize our industry



## We are leading the industry in Climate Disclosure

- Report on all relevant ESG standards
- Disclosure publicly available on website
- Key metrics audited by KPMG
- Inclusion on 5 international ESG indexes
- Industry disclosure is evolving



## Closing remarks

- No substitutes for unique attributes of concrete
- Clear roadmap to achieve our 2030 goals
- Innovation necessary to reach 2050 ambition
- Expect collaboration from cement players, other industries, governments, academia, NGO's, and other
- Well-positioned to meet this challenge





**FUTURE  
IN  
ACTION**  
COMMITTED TO NET ZERO CO<sub>2</sub>