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# Introduction

CEMEX, S.A.B. de C.V. is an operating and a holding company engaged, directly or indirectly, through its operating subsidiaries, primarily in the production, distribution, marketing and sale of cement, ready-mix concrete, aggregates, clinker, other construction materials and urbanization solutions throughout the world. We also provide related services and reliable construction-related services to customers and communities and maintain business relationships in more than 50 countries. Except as the context otherwise may require, references in this CEMEX Green Financing Framework (the "Framework") to "CEMEX," "Company," "we," "us" or "our" refer to CEMEX, S.A.B. de C.V. and its consolidated entities. As a leading vertically integrated company with more than 46,000 employees, our mission is to create sustainable value by providing industry-leading products and solutions across our four core businesses: Cement, Ready-Mix Concrete, Aggregates and Urbanization Solutions. Our shared purpose is to build a better future for our employees, customers, shareholders, investors, suppliers, and the communities in which we live and work.



# GENEX's Approach to Sustaine billity

CEMEX Green Financing Framework

## CEMEX's Approach to Sustainability<sup>1</sup>

CEMEX is committed to enhancing the sustainable attributes of our materials and solutions while holding our operations to high sustainability standards. Sustainability is one of the five strategic priorities of CEMEX; it is linked to decision-making and target-setting processes across our business lines. Our Sustainability Model encompasses environmental, social and governance issues that are relevant for the construction industry, with corresponding goals embedded into our corporate strategy and disclosures. It helps us drive solutions that address climate change and other environmental challenges.

Seeking for our sustainability ambitions to be aligned with the global challenges we face as a corporate citizen, CEMEX has committed to the 2030 United Nations Sustainable Development Goals ("SDGs") and identified priority SDGs which we believe are the ones to which CEMEX can contribute the most. These include: Industry, Innovation and Infrastructure (9); Sustainable Cities and Communities (11); Responsible Consumption and Production (12); and Climate Action (13). By pursuing these SDGs, we expect our initiatives to often address other relevant areas, such as Affordable and Clean Energy (7) and Life on Land (15), to name two. To this end, we have devised internal output indicators designed to enhance CEMEX's performance, as well as to track our contributions to our four priority SDGs.



At CEMEX, we are aware of and recognize the need for transition towards a low-carbon society and environmental excellence; therefore, one of our objectives is to enable a low-carbon and resource-efficient industry by decarbonizing our operations, having a continuous improvement in environmental management and air quality, and preserving land, biodiversity, and water. Our engagement is demonstrated by setting ambitious sustainability goals.



1 For more information, please visit: https://www.cemex.com/sustainability/overview

#### **Our Future in Action Program**

As one of the world's largest building solutions providers, and the largest manufacturer of ready-mix concrete in the western world, climate action has been a priority for CEMEX for many years. We are aware that our production processes have a carbon footprint. We also know that our end-product, ready-mix concrete, is the most used man-made material in the world and plays an essential role in society's development and growth.

As society is expected to continue developing, growing, and concentrating in urban areas, our goal of building a better future calls for developing and offering net-zero products and solutions to society through the construction industry. Recognizing that global climate action goals require stronger efforts, and seeking to ensure sustainability is at the core of everything we do, in 2021 we announced our Future in Action program, a strategy focused on becoming a net-zero CO<sub>2</sub> company by 2050.

#### Future in Action concentrates in six pillars:



Sustainable Products & Solutions



Water and **Biodiversity** 



Decarbonizing our Operations



Innovation & Partnership



**Circular Economy** 



Promoting a **Green Economy** 

## FUTURE IN ACTION

#### **Pillar 1: Sustainable Products and Solutions**

One of the main goals of our Future in Action strategy is to provide lower-carbon and sustainable products and solutions to our customers so that the built world of the future is carbon neutral, sustainable, and circular. To this end, we are investing in research and development ("R&D") to deliver innovative building materials and solutions that contribute to the construction of climate-smart urban projects, sustainable buildings, and climate-resilient infrastructures.



#### Vertua<sup>®</sup>: An Extensive Family of Sustainable Products by Design

We introduced our lower-carbon and industry-first net-zero concrete, as well as lower-carbon cement, under the Vertua<sup>®</sup> brand in 2020. By March of 2021, we had successfully completed the global rollout of these products. Customer receptivity has been very favorable; Vertua<sup>®</sup> sales now account for 41% of our cement volumes and 33% of our concrete sales, on track to achieve our goal of 50% Vertua<sup>®</sup> cement and ready-mix sales by 2025.

Vertua<sup>®</sup> products are uniquely designed to balance customers' expectations for high-quality and performance with sustainable attributes for their construction projects. To this end, the Vertua<sup>®</sup> product range considers products with outstanding sustainability attributes including Pervia<sup>®</sup>, Resilia<sup>®</sup>, Insularis<sup>®</sup>, Porofoam<sup>®</sup>, Hidratium<sup>®</sup>, Evolution<sup>®</sup>, neogem<sup>®</sup> and Promptis<sup>®</sup> and supports builders and contractors in earning credit towards obtaining green building certifications, such as LEED<sup>®</sup> and Whole Building Life-Cycle Assessment, among others.

sales by 2025.



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

Vertua<sup>®</sup> Ultra Zero concrete uses cutting-edge technology to reduce its carbon footprint by 70%, neutralizing the remaining 30% through offsetting efforts. Vertua® Ultra Zero concrete is a fundamental step in achieving our 2050 goal of net-zero emissions across the company. It replaces limestone-based clinker with a geopolymer technology that eliminates associated process emissions from the calcination of clinker. This clinker-free concrete can be used as an alternative to more commonly used clinker-based cement solutions in multiple applications.

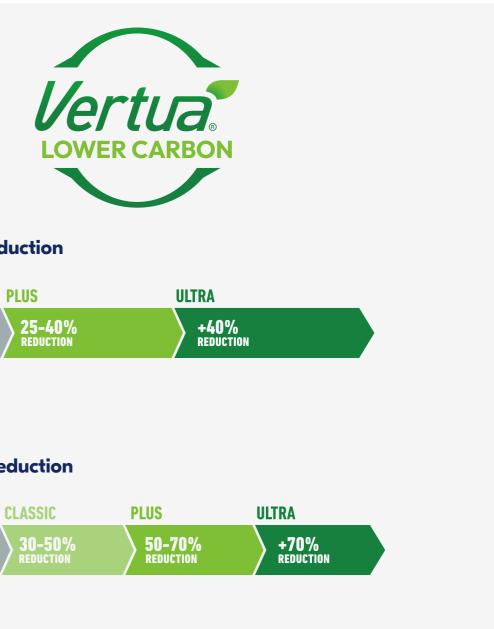
#### Vertug<sup>®</sup> Cement CO<sub>2</sub> Reduction



#### Vertua<sup>®</sup> Concrete CO<sub>2</sub> Reduction



## We have set a target for lower-carbon cement and concrete Vertua<sup>®</sup> volumes to represent more than 50% of our total

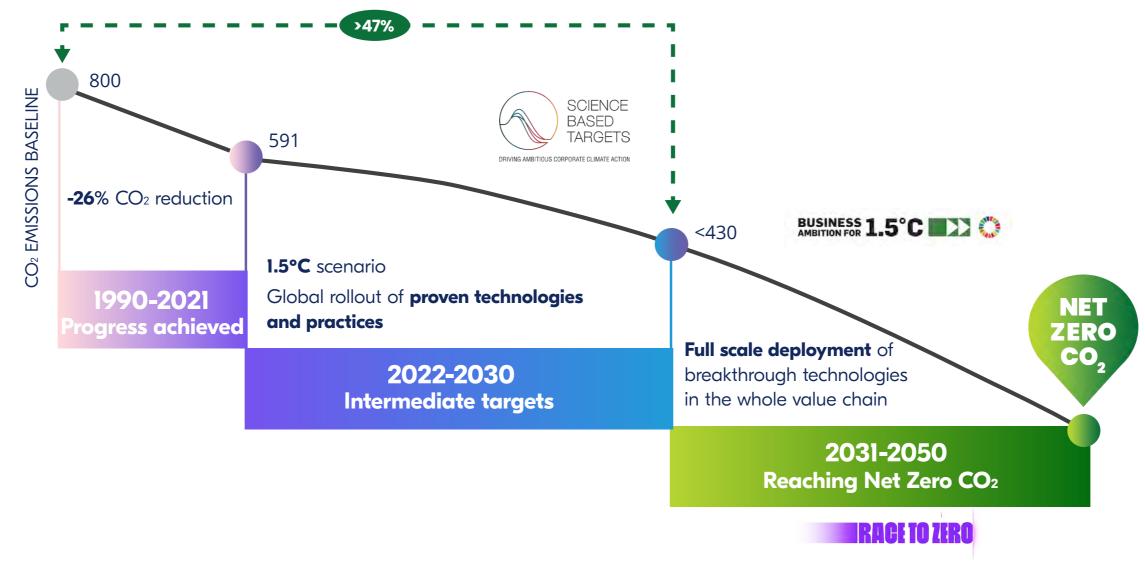


**<sup>2</sup>** Compared to industry-standard Portland-cement-based concrete. Sectoral global average net emission per ton of clinker. The direct net emission of each Vertua<sup>®</sup> cement is obtained through the "CO<sub>2</sub> Protocol" verified annually for clinker and the clinker factor corresponding to each cement. Getting the Numbers Right https://gccassociation.org/gnr/

#### **Pillar 2: Decarbonizing Our Operations**

As of the end of 2021, we have reduced our direct CO<sub>2</sub> emissions to 591 kg CO<sub>2</sub> per ton of cementitious product which represents a 26.2% reduction compared to our 1990 baseline, in line with how our industry measures progress on reducing net CO<sub>2</sub> emissions. As a result, we have set more ambitious CO<sub>2</sub> emissions reduction targets of 35% by 2025 and of greater than 47% by 2030. In 2022, we validated our 2050 netzero CO<sub>2</sub> target and new 2030 decarbonization goals under the Science-Based Targets initiative's (SBTi) 1.5°C Scenario methodology, becoming one of the first companies in the industry to do so.

Also, our 2050 net-zero roadmap across the value chain was validated by SBTi during 2022. Most importantly, these goals should keep us on the right path to achieving our expected objective of net-zero emissions across the company by 2050. CEMEX also joined the Race to Zero Campaign of the U.N. and its High-level Champions for Climate Action, and is one of the founding members of the First Movers Coalition, launched at COP26 by the World Economic Forum and the U.S. State Department, to create market demand for zero-carbon solutions.



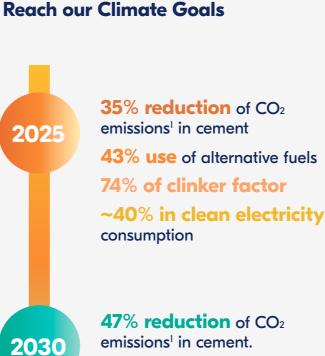
CEMEX Green Financing Framework

We have also defined 2030 targets for the key levers to reduce CO<sub>2</sub> emissions: 65% in clean electricity consumption, 68% of clinker factor, and 55% use of alternative fuels. During 2021, we had a decrease of almost 2 percentage points in clinker factor compared to the previous year, achieving 75.2%, coupled with a four-percentage point increase in alternative fuel usage which reached 29.2% of our fuel mix. We have also made progress in our clean energy consumption strategy, having 30% of the electricity supply in our cement plants free of CO<sub>2</sub> emissions.

The 2030 targets are a key component of our Future in Action program to transition to a net-zero CO<sub>2</sub> company and should keep us in the right path to achieving our ultimate goal: net-zero emissions across the company by 2050. In fact, according to the Transition Pathway Initiative<sup>3</sup>, CEMEX is one of only six cement companies with a Level 4 Strategic Assessment, demonstrating our industry leading decarbonization strategy.



**3** As of the date of this framework. For more information, please visit: https://transitionpathwayinitiative.org/sectors/cement.



content in concrete<sup>1</sup>.

consumption.

**Reaching net-zero** 2050 emissions across the company

1 Compared to our 1990 baseline.

#### Acceleration of Short Term Efforts to

**41% reduction** of the CO<sub>2</sub>

65% in clean electricity

68% of clinker factor

**55% use** of alternative fuels

To achieve our 2030 goals, our Future in Action program focuses on maximizing the following levers to reduce our carbon emissions:

- Accelerating the use of alternative fuels with high biomass content
- ✓ Optimizing thermal efficiency in our cement kilns
- Increasing the use of decarbonated raw materials in clinker
- ✓ Using novel clinkers: low-temperature clinker and low CO<sub>2</sub> clinker
- Reducing the clinker factor through blended cements
- Maximizing our clean electricity consumption
- Reducing our transport emissions

#### **Pillar 3: Circular Economy**

The cement and concrete industries have a unique ability to transform many residues into useful materials by incorporating them into the production processes, mitigating one of society's greatest challenges and contributing to a circular economy. Our manufacturing processes allow us to become a waste management solutions provider that can actively contribute to reducing our CO<sub>2</sub> emissions and at the same time building a circular economy through partnerships with other industries, authorities, and communities. To help this effort, during 2022, we launched Regenera.

Our circular economy efforts are a key element in our Future in Action program and Urbanization Solutions core business. In 2021, we managed 23 million tons of waste and non-recyclable by-products, which is close to 57 times more waste than the amount we sent to landfills. Moreover, by 2030 we aim to increase by ~80% the amount of waste and by-products we manage to reach more than 40 million tons. Our objective is to maximize the use of society's and other industries' non-recyclable waste and by-products with a particular focus on three waste streams:

- 1. Municipal and industrial waste.
- 2. Construction, Demolition, and Excavation (CDE) waste.
- 3. Other waste and industry by-products

## During 2021, CEMEX managed close to 57 times more waste than the amount we sent to landfills.

Furthermore, during 2021, CEMEX managed close to 57 times more waste than the amount we sent to landfills, by consuming it in our operations as alternative raw materials and fuel, among other uses. Additionally, we were able to reuse, recycle or recover 95% of the waste we generated.



### Launching Regenera: Circularity Solutions for a Sustainable Future

Regenera is CEMEX's new business unit focused on circularity services that leverage the company's footprint, infrastructure, and technology to convert expended resources into value-additive materials. Regenera offers waste management solutions to organizations from the private and public sectors, which include the reception, management, recycling, and coprocessing of different kinds of waste. The subsequent integration of processed waste into the cement and concrete manufacturing processes decreases the need for natural raw materials and fossil fuels for cement production and makes the most out of concrete's infinitely recyclable capacity. These capabilities enable a collaborative circular economy ecosystem that helps our partners reduce landfilling, have more efficient waste streams, and certify waste reuse.

#### **Pillar 4: Water and Biodiversity**

#### **Biodiversity**

We are committed to having a positive impact on nature through preservation, restoration, and biodiversity enhancement efforts throughout our value chain. Our Biodiversity Policy enables us to responsibly handle natural resources by integrating practices with the best standards and aligning our biodiversity initiatives with our decision-making process, management system, and business model. The policy is aligned with the Convention on Biological Diversity and its Aichi Biodiversity Targets. Furthermore, we continue to integrate proposed biodiversity management best practices across our operations, aligned with our commitment to the Global Cement and Concrete Association (GCCA) sustainability guidelines.

We continued implementing our three-layered strategy focused on enhancing the biodiversity in and around our quarries, including the implementation of rehabilitation plans, conservation initiatives, and the development of local Biodiversity Action Plans (BAPs).

### CEMEX three-layered strategy to enhance the biodiversity in and around our quarries

Active Quarries 2030 Targets Progress (254 total active quarries in 2021)

Active quarries

**99%** Rehabilitation Plans

Quarries not overlapped with high-value biodiversity areas

**86** % Third Party Certification

Quarries overlapped with high-value biodiversity areas



Also, we have started the developing a framework to adopt a Nature Positive approach in our operations. We will assess our performance and measure progress from a 2020 baseline to ensure that by 2030 the business is helping nature recover and by 2050 helping it flourish.

#### Water

Despite cement production not being a particularly water-intensive process, the preservation of water, humanity's most precious resource, is a top priority. We are reducing the use of fresh water in our operations and implementing sustainable water management processes.

We seek efficient and mindful use of water across our activities to avoid altering the ecosystems we rely on. We have updated our water stress map, identifying the lo- cation of our operations situated in water-stressed areas. Our evaluations indicate that 1% of our operations are in extremely high water-stressed zones and 15% are in high waterstressed zones. Consistent with our 2030 Targets, we plan to develop a specific Water Action Plan ("WAP") and follow the implementation roadmap for each of these sites.

In 2021, we completed the implementation of WAPs in 100% of the sites located in extremely high water-stressed zones and the first pilot for a site located in high water-stressed zones. Furthermore, we established new goals for freshwater withdrawal reduction, which include reducing freshwater withdrawal and promoting water recycling.

#### New 2030 Targets on Freshwater Withdrawal Reduction

20% reduction in specific freshwater withdrawal in **Cement** 

reduction in specific freshwater withdrawal in Aggregates reduction in specific freshwater withdrawal in **Ready-mix** 

## We have the knowledge and tools in place to achieve our 2030 Future in Action goals.

#### **Pillar 5: Innovation and Partnerships**

We have the knowledge and tools in place to achieve our 2030 Future in Action goals. The technological challenge lies beyond 2030 to reach our goal of reaching net-zero emissions across the company. In addition to relying on further gains from the 2030 CO<sub>2</sub> roadmap reduction levers, the key to achieving our net-zero CO<sub>2</sub> 2050 goal is to discover and scale breakthrough CO<sub>2</sub> reduction and mitigation technologies throughout our entire value chain. We are taking decisive action to materialize these advancements by leveraging the capabilities of three key assets: CEMEX's Global Research and Development, CEMEX Ventures, and our internal Smart Innovation process<sup>4</sup>. At CEMEX, we believe that Carbon Capture, Use, and Storage (CCUS) technology is one of the most relevant and underdeveloped levers needed to transition to a carbon-neutral economy. CCUS is a way of taking the CO<sub>2</sub> produced from energy-intensive processes and separating it from the rest of the exhaust gases, transporting it for further use in other industrial processes, or storing it underground so that it cannot enter the atmosphere.

## **4** For more information on the three key assets, please visit 2021 Integrated Report: www.cemex.com/IntegratedReport2021

#### Investing in Carbon Capture, Utilization and Storage Technology

Since 2021, CEMEX has been actively engaged in industrial scale Carbon Capture, Utilization, and Storage ("CCUS") pilot projects. Three of the projects have co-financing from the European Union and the U.S. Department of Energy. CEMEX believes that CCUS technology is one of the most critical and underdeveloped levers to transition to a carbon-neutral economy. CCUS is a way of taking the CO<sub>2</sub> produced from energy-intensive processes and separating it from the rest of the exhaust gases, transporting it for further use in other industrial processes, or storing it underground so that it cannot enter the atmosphere.



## Other Key Innovations and Partnerships Toward Delivering Our Net-Zero Goal By 2050

**Eliminating the Need for Fossil Fuels Through Solar Power:** We have produced clinker using solar energy, a breakthrough technology developed in partnership with Synhelion.

**Working to Replace Fossil Fuels in Kilns with Electric Power:** Researching to develop optimal electric process heating solutions that can be applied in the cement manufacturing process.

**Developing New Lower-CO<sub>2</sub> Concrete Technologies:** With partnerships and exploring innovative concrete technologies with a lower CO<sub>2</sub> footprint than conventional concretes, including the use of high-performance materials and novel binders, accelerated carbonation and mineralization processes, the analysis of new sources of potential Alternative Supplementary Cementitious Materials.

**Strengthening the Circularity of Concrete:** The recyclable properties of concrete help avoid carbon emissions and costs from disposing of old concrete and from extraction, transport, and processing of new raw materials. To strengthen the circular economy of concrete, CEMEX focuses efforts on developing in-house technologies, investing in startups, and seeking high-value collaboration agreements.

**Maximizing the Capacity of Concrete to Absorb CO<sub>2</sub>:** We believe that the recarbonation of built concrete structures over their life cycle should be recognized uniformly in CO<sub>2</sub> emissions accounting, carbon footprint methodologies, and CO<sub>2</sub> certification removal schemes. Thus, CEMEX is collaborating on FastCarb, a multidisciplinary project administered by the French Institute for Applied Research and Experimentation in Civil Engineering (IREX) to accelerate carbonation in aggregates made from recycled concrete.

## Harnessing the Power of Solar to Produce Clinker

We have produced clinker using solar energy, a breakthrough technology developed in partnership with Synhelion. Synhelion's technology harnesses the power of solar heat, amplified through hundreds of perfectly angled mirrors, to power cement kilns, eliminating the need for any other sources of fuel. Successful adoption of this technology in cement manufacturing will not only allow for 100% replacement of fossil fuels but also result in a more efficient and lower-cost carbon capture process when compared to the current state-of-the-art technologies.

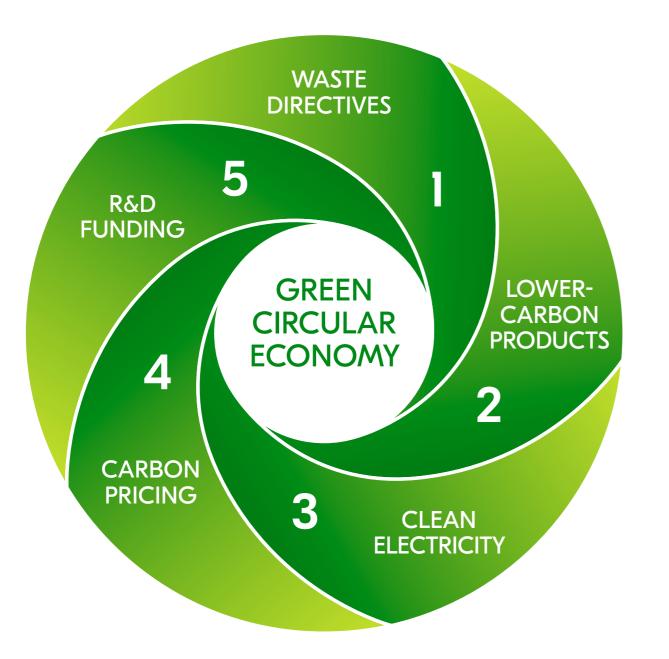


#### Developing New Concrete Technologies

CEMEX continues to develop partnerships and explore innovative concrete technologies with a lower CO<sub>2</sub> footprint than conventional concretes. The development of new concrete technologies includes: the smart use of high-performance materials and novel binders, accelerated recarbonation processes, the analysis of new sources of potential Alternative Supplementary Cementitious Materials (ASCM), development of new admixture technologies, and the formation of circular economy solutions that help avoid carbon emissions related to extraction, transport, and processing of new raw materials.

#### Pillar 6: Promoting a Green Economy

CEMEX believes adopting policies based upon green and circular economy principles offers significant opportunities to achieve substantial, near-term emissions reductions across multiple sectors, with the cement and concrete industries playing a central role. We promote and advocate for a circular economy, primarily focusing on:



**1. Waste Directives:** We advocate for municipal, industrial, as well as construction, demolition, and excavation waste management regulations that enable the utilization of non-recyclable waste for energy recovery and material reuse. By utilizing residues in the cement production process, we lower our CO<sub>2</sub> footprint while contributing to landfill reduction and decreasing the consumption of fossil fuels and other raw materials.

**2. Promote the adoption of lower-carbon products:** We promote more widespread adoption of lower-carbon products in all types of construction projects. Lower-carbon products have a reduced clinker factor, provide the same performance standards as conventional products, and are key for advancing global CO<sub>2</sub> reduction targets.

**3. Increase the availability of clean electricity:** We advocate for renewable electricity policies that enable and promote the energy transition and clean energy generation. Clean electricity generation at a broader scale will be key to reducing indirect CO<sub>2</sub> emissions and meeting clean electricity 2030 consumption targets.

**4. Carbon Pricing:** We favor the implementation of market-based mechanisms in the form of emission trading systems to determine a carbon price. Such mechanisms provide certainty to investment and operational decisions to mitigate CO<sub>2</sub> in a significant manner.

**5. Government and Multilateral R&D Funding:** We promote government and multilateral funding for R&D aimed at accelerating the development and implementation of CCUS technologies, or any other technology that can scale the decarbonization process.

#### **Collaboration Within Our Industry and Other Industries**

Close collaboration with stakeholders within our industry and other industries is crucial for accelerating climate action on a global basis. We are active members and hold leadership positions in national, regional, and global industry associations that promote the transition to a green economy such as the GCCA (Global), CEMBUREAU (Europe), FICEM (Central and South America), PCA (United States), and CANACEM (Mexico), among others. In addition, we proactively collaborate with cross-industry business associations, such as the CCE (Mexico).



**Close collaboration with stakeholders** within our industry and other industries is crucial for accelerating climate action on a global basis.

#### **Environmental Excellence**

#### **Air Emissions**

We strive to conduct our operations in a responsible and sustainable manner, minimizing environmental impacts and maximizing the value generated to society. With regards to air emissions, we go beyond seeking compliance with local regulations. We are working on implementing Continuous Emissions Monitoring Systems ("CEMS") across our operations in all countries, including countries where such systems are not mandatory, and currently have 99% of our clinker production operating under CEMS. Furthermore, to achieve our 2030 air quality emission targets of reducing our SOx emissions by 67%, NOx emissions by 47% and dust emissions by 95%, we continually invest in high-quality abatement techniques and equipment to reduce air emissions in our production processes.



**CEMEX Green Financing Framework** 

#### CEMEX 2021 performance and 2030 targets

FOCUS AREA	KEY PERFORMANCE INDICATOR	2021	2030 TARGET	LINK TO PRIORITY SDG
	<ul> <li>Reduction of net CO<sub>2</sub> emissions per ton of cementitious product vs. 1990 (%)<sup>[1]</sup></li> </ul>	26.2	> 471	<mark>9, 11</mark> , 13
CLIMATE ACTION	· Clinker Factor (Cementitious) (%)	75.2	<68	<mark>9</mark> , 11, 13
	· Alternative fuels rate (%)	29.2	>55	<mark>9</mark> , 11, 13
	· Clean electricity consumption in cement (%)	30	65	<mark>9, 11,</mark> 13
CIRCULAR ECONOMY	$\cdot$ Total waste-derived sources managed (million ton)	23	41	9, 11, 12
	$\cdot$ Reduction of dust emissions per ton of clinker vs. 2005 (%)	85	95	11
AIR EMISSIONS	$\cdot$ Reduction of NOx emissions per ton of clinker vs. 2005 (%)	41	45	11
	$\cdot$ Reduction of SOx emissions per ton of clinker vs. 2005 (%)	66	67	11
BIODIVERSITY	<ul> <li>Quarry rehabilitation plans, Biodiversity Action Plans, and third-party certification (%)</li> </ul>	86	100	<mark>11</mark> , 13
	• Third-party certification on critical sites (%) <sup>[2]</sup>	68	100	<b>11</b> , 13
	<ul> <li>Implementation of Water Action Plans in sites located in water-scarce areas (%)</li> </ul>	10 <sup>[2]</sup>	100	9, 11
	<ul> <li>Reduction in specific freshwater withdrawal in Cement (%)<sup>[4]</sup></li> </ul>		20	9, 11
WATER	<ul> <li>Reduction in specific freshwater withdrawal in Aggregates (%)<sup>[4]</sup></li> </ul>	-	15	9, 11
	<ul> <li>Reduction in specific freshwater withdrawal in Concrete (%)<sup>[4]</sup></li> </ul>	-	10	9, 11

		<b>2021</b> <sup>(4)</sup>	2025 TARGET	LINK TO PRIORITY SDG
SUSTAINABLE CONSTRUCTION	$\cdot$ Vertua <sup>®</sup> cement sales vs. total cement volume sold (%)	26	≥ 50	9, 11, 12
	$\cdot$ Vertua® concrete sales vs. total concrete volume sold (%)	17	≥ 50	9, 11, 12

**1** Target aligned with SBTI 1.5°C Scenario.

- 2 In line with new scoping study carried out in 2021.
- 3 We have implemented Water Action Plans in 100% of sites in extremely high water-stressed areas.
- **4** New KPI, implementation strategy began on 2022.

#### **Sustainability Governance and Disclosure**

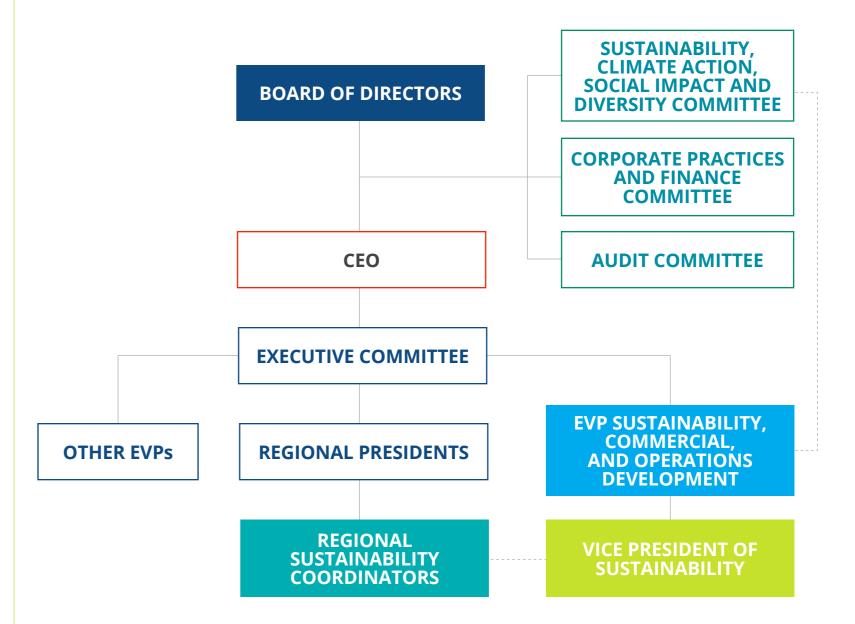
Our sustainability efforts begin with our Board of Directors. In 2014, our Board of Directors approved the creation of its Sustainability Committee, which is currently comprised of four board members appointed by our shareholders. The Sustainability Committee periodically receives updates from the Executive Vice President of Sustainability, Commercial and Operations Development and the Vice President of Sustainability. The execution of CEMEX's sustainability strategy and goals, as well as management's performance in relation thereto, is integrated into our corporate governance, as demonstrated by our policies, management and control systems, risks and opportunities assessments and ethics and compliance standards, which are disclosed in CEMEX's Integrated Report. Also, on February 9, 2023, CEMEX's Board of Directors Sustainability Committee was renamed "Sustainability, Climate Action, Social Impact and Diversity Committee", to better reflect the overall responsibilities of this Board of Directors' Committee.

#### Some of the Sustainability, Climate Action, Social Impact and Diversity Committee board-level responsibilities consist of, but are not limited to, the following:

- Overseeing climate action goals and evaluating progress against those goals;
- Evaluating the effectiveness of sustainability and climate action programs and initiatives;
- Providing assistance to the Chief Executive Officer and senior management team regarding the strategic direction on sustainability and social responsibilities model;
- Identifying the main risks concerning sustainability-related matters and overseeing mitigating actions; and
- Endorsing a model of sustainability, priorities, and key indicators.

Along with the board-level oversight of Environmental, Social and Governance ("ESG") issues, the Executive Vice President of Sustainability, Commercial and Operations Development (a member of CEMEX's Executive Committee), is responsible for executing our sustainability strategy. The Vice President of Sustainability and the Corporate Sustainability Department coordinate with regional and country representatives aiming to ensure consistent operations and progress towards our sustainability goals.

We aim for our disclosure and reporting to follow best market practices while also advocating for furthering the extent of ESG reporting and transparency in the cement industry. We have been an early contributor to several sustainability reporting initiatives, including the creation of the Cement Sustainability Initiative, which later evolved to the Global Cement and Concrete Association ("GCCA"). We have adopted the international reporting standards and recommendations set by the Global Reporting Initiative ("GRI"); the Task Force on Climate-Related Financial Disclosures ("TCFD"); the Sustainability Accounting Standard Board ("SASB"); and, most recently, we have aligned our reporting to the EU Taxonomy by providing disclosures on cement manufacturing, our only business segment currently eligible for such reporting.



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# Rationale for Issuance



## Rationale for Issuance

We recognize the need for a transition towards a low-carbon society and view sustainable finance as an enabling force towards that goal, as a source of funding and as a tool for further alignment between CEMEX's sustainability ambitions and our stakeholders' expectations. Our intention is to further align corporate sustainability commitments to our financing to meet our goals. Under the Framework, we may from time to time, offer, enter into and issue bonds (notes), private placements, commercial paper, loans, working capital solutions or other debt-like financing for new and/or existing specific investments, assets and projects that adhere to the Eligibility Criteria (as defined below) (such investments, assets and projects, the "Eligible Green Projects"; and, such financing instruments, the "Green Financing" Instruments").

#### Examples of Green Financing Instruments include, but are not limited to, the following:

- Green Bonds
- Green Loans

We believe that the issuance of Green Financing Instruments under the Framework and the corresponding investments made in Eligible Green Projects should contribute to the execution of CEMEX's sustainability strategy and the achievement of our 2030 Targets, which are fundamental to achieve CEMEX's purpose of building a better future.

## We recognize the need for a transition towards a low-carbon society and view sustainable finance as an enabling force towards that goal.



## but are not limited to, the following:

- sets meeting the Eligibility Criteria; or
- Eligibility Criteria.

Examples of investments that may be considered Eligible Green Projects, include,

Capital expenditures and selected operating expenditures (such as maintenance costs that either increase the lifetime or the value of the assets) of physical as-

**R**&D expenditures aimed at developing new products and solutions as per the

## We have identified the following major categories of contributions to CEMEX's sustainability strategy expected to be made by Eligible Green Projects:

- CO<sub>2</sub> emissions reduction
- Clean electricity and energy efficiency
- Clean transportation
- Air quality improvement and environmental excellence
- Water management
- Circular economy and waste management



## CEMEX's decarbonization goals, as outlined in our validation roadmap, require capital investments to support CO<sub>2</sub> reduction levers.

Examples of investments that may be considered Eligible Green Projects may also include carbon mitigation technologies and high-efficiency processes, such as replacing fossil fuels with low-carbon alternative fuels, deploying hydrogen technology, developing novel types of clinker and expanding clinker substitutes, and increasing the use of alternative and decarbonated raw materials. We have also detailed CO<sub>2</sub> roadmaps for each of our cement plants which include the rollout of proven CO<sub>2</sub> reduction technologies and the investments required for their implementation.

Besides serving as an important source of funding for our decarbonization projects, we expect the introduction of the Framework and the disclosures related to our Green Financing Instruments will enhance transparency and accountability through annual reporting of the use of proceeds and their expected impact metrics.

# Alignment with Market Principles





## Alignment with Market Principles

In accordance with our sustainability strategy, we have developed this Framework as per the following voluntary process guidelines, which are considered the best-practices to promote transparency, disclosure and integrity of the Framework:

- International Capital Markets Association (ICMA) Green Bond Principles, 2021 ("GBP")<sup>5</sup>
- Loan Market Association ("LMA"), Asia Pacific Loan Market Association ("APLMA"), and Loan Syndication & Trading Association ("LSTA"), and Green Loan Principles 2021 ("GLP", and, together with GBP, the "Principles")<sup>6</sup>

This Framework addresses the core components and key recommendations of the Principles:

#### **Core Components:**

- **1** Use of Proceeds
- **2** Process for Project Evaluation and Selection
- **3** Management of Proceeds
- **4** Reporting

### Key Recommendations:

- **1** Use of Frameworks
- **2** External Reviews

This Framework may be updated from time to time and is intended to be applied to the Green Financing Instruments issued by CEMEX. In the event of an update to this Framework, any future projects would be expected to be in alignment with the eligible project categories recognized by the Principles. It is our intention to follow best market practices as standards develop.

This Framework has also been developed in line with the four key disclosure guidelines of the Climate Transition Finance Handbook 2020 as published by the ICMA<sup>7</sup>. In addition, the Framework, along with CEMEX's CO<sub>2</sub> roadmap aligned to the most ambitious CO<sub>2</sub> reduction pathway in our industry, and our 2030 Targets validated by the SBTi according to the 1.5°C Scenario illustrate CEMEX's:

- 1. Climate transition strategy and governance;
- 2. Business model environmental materiality;
- 4. Implementation transparency.
- June-2021-140621.pdf
- book-December-2020-091220.pdf

3. Science-based transition strategy, including targets and pathways; and

<sup>5</sup> https://www.icmagroup.org/assets/documents/Sustainable-finance/2021-updates/Green-Bond-Principles-

<sup>6</sup> https://www.lma.eu.com/application/files/9115/4452/5458/741\_LM\_Green\_Loan\_Principles\_Booklet\_V8.pdf 7 https://www.icmagroup.org/assets/documents/Regulatory/Green-Bonds/Climate-Transition-Finance-Hand-

#### **Use of Proceeds**

We intend to allocate an amount equal to the net proceeds from the issuance of any Green Financing Instrument to finance and/or refinance, in whole or in part, one or more new and/or existing Eligible Green Projects. Eligible Green Projects are those that adhere to the Eligibility Criteria (as set forth in the following table, the "Eligibility Criteria") and may include those for which CEMEX made disbursements in the 24 months before the annual reporting reference date (at the date of this document, the last annual reporting reference date is December 31, 2022) immediately preceding the issuance of a Green Financing Instrument, or thereafter. When used in this Framework, the term "annual reporting reference date" means the last day of a calendar year.



#### **Eligible Green Projects:**

Project Category	
	Expenditures in this of that are expected to 0.547 tCO2e/t of ceme
	Expenditures relate CO <sub>2</sub> emissions, major dust emissions throug continuous monitor abatement) and min greenhouse gas emis efficient waste to en and associated environment.
Pollution Prevention & Control	<ul> <li>Expenditures aimed fuels in CEMEX's fue</li> <li>Intended exampl acquisition of fac such as biomass waste), refuse-de municipal solid w processed tire ch oils) to the kilns a</li> </ul>
	Use of hydrogen

- value for the cement sector.

Eligibility Criteria	CEMEX SDG Alignment	Contribution to CEMEX Major Categories
enditures in this category will be limited to facilities t are expected to result in a carbon intensity below 47 tCO2e/t of cementitious product <sup>8</sup> .		
xpenditures related to projects aimed at reducing O <sub>2</sub> emissions, major air emissions (NOx, SOx, and ust emissions through investments such as emissions ontinuous monitoring systems and air emissions batement) and minor air emissions, controlling reenhouse gas emissions, and/or energy and emission- fficient waste to energy conversion, waste heat recovery nd associated environmental monitoring.	9 NULTIT ANDALIK NULTIFALIKISTI I	✓ CO <sub>2</sub> emissions
xpenditures aimed at increasing the share of alternative uels in CEMEX's fuel mix.		reduction
Intended examples include the construction or acquisition of facilities for the dosing of alternative fuels such as biomass fuels (e.g. crop residues, nut hulls, wood waste), refuse-derived fuel (e.g. shredded or pelletized municipal solid waste), tire-derived fuel (e.g. tire waste, processed tire chips), and alternative liquids (e.g. waste oils) to the kilns and multichannel burners.	12 RESPONSE CONSIMPTION RECORDERED RECORDERED 13 CLIMATE CONSTANTION	<ul> <li>Air quality improvement and environmental excellence</li> </ul>
<ul> <li>Use of hydrogen from electrolysis process in our kilns to optimize the combustion process allowing us to further increase the use of alternative fuels<sup>9</sup>.</li> <li>R&amp;D, procurement (including land acquisition), development, installation, operational readiness, operation, and maintenance of hydrogen electrolysis from a mix of renewable and traditional electricity (including solar, wind, geothermal, hydrogen)</li> </ul>		

8 0.547 tCO<sub>2</sub>e/t of cementious product is the Transition Pathway Initiative's 2029 below 2-degree scenario benchmark

**9** To be eligible, the following thresholds must be met: (1) Direct CO<sub>2</sub> emissions from manufacturing of hydrogen: 0.95 tCO<sub>2</sub>e/t Hydrogen or less, and (2) Electricity use for hydrogen produced by electrolysis is at or lower than 50 MWh/t Hydrogen, and (3) The average carbon intensity of the electricity produced that is used for hydrogen manufacturing is at or below 100 gCO<sub>2</sub>e/kWh (taxonomy threshold for electricity production is subject to periodical update).

Project Category	Eligibility Criteria	CEMEX SDG Alignment	Contribution to CEMEX Major Categories	Project Category	Eligibility Criteria	CEMEX SDG Alignment	Contribution to CEMEX Major Categories
Pollution Prevention & Control	<ul> <li>Expenditures towards the substitution of clinker with other cementitious materials waste-derived additions such as slag and fly ash, pozzolans and calcined clays.</li> <li>Intended examples include the installation of hoppers and silos to (i) dose cementitious materials or (ii) dose admixtures to increase the product strengths.</li> <li>Expenditures towards improving the heat consumption of kilns through (i) the installation of hoppers and silos for the dosage of new materials to raw mill and (ii) kiln technology updates.</li> <li>Expenditures aimed at increasing the recycling rate and reuse of cement kiln dust and bypass dust in CEMEX's production cycle to avoid disposal in landfill</li> <li>Expenditures related to expanding recycling programs</li> <li>Investments, acquisitions, or financings aimed at reduction of air emissions and greenhouse gas control, such as R&amp;D and other capital expenditures for carbon capture, use and storage and carbon dioxide transportation, direct air capture,<sup>10</sup> e-fuels, synthetic fuels, mineralization, addition of biochar to soils, bioenergy and carbon capture and storage (BECCS)<sup>10</sup></li> </ul>	9 MARTIN MARKAT MARKATANANA 11 MARKATANANA 12 MARKATANANA 13 ALTAN COO	<ul> <li>CO2 emissions reduction</li> <li>Air quality improvement and environmental excellence</li> </ul>	Energy Efficiency	<ul> <li>Expenditures in this category related to production facilities will be limited to facilities that are expected to result in a carbon intensity below 0.547 tCO2e/t of cementitious product<sup>13</sup>.</li> <li>Expenditures related to projects that could result in increased energy efficiency, based on our best efforts to ensure all projects achieve at least a 30% energy efficiency improvement.</li> <li>Eligible projects include, but are not limited to, the following:</li> <li>Financing of electric powered machinery or incorporation of energy saving technologies, including LED lighting technology, high-efficiency material separators, variable speed drives, and vertical roller mills;</li> <li>Energy efficient heating, ventilation, and air conditioning (HVAC<sup>15</sup>), refrigeration, material transportation, and electrical equipment,</li> <li>Investments for the optimization of energy consumption and reduction of energy management systems and automated metering; and</li> <li>Investments in energy consumption measurement and control systems, including industrial thermometers, artificial intelligence control systems and operational</li> </ul>	9 NORTHANDAR CONTACTOR REPORTED REPORTE	<ul> <li>✓ CO₂ emissions reduction</li> <li>✓ Clean electricity and energy efficiency</li> </ul>
Renewable Energy	<ul> <li>Investments and expenditures related to the development, expansion, construction, maintenance, acquisition, and/or operation of renewable energy projects, such as:</li> <li>Solar (photovoltaic and Concentrating Solar Power ("CSP")<sup>11</sup>) sources,</li> <li>Wind (onshore and offshore) sources, and</li> <li>Hydroelectric (&lt;25MW capacity)<sup>12</sup></li> <li>The purchase of renewable energy from wind, solar<sup>11</sup>, and/ or hydroelectric<sup>12</sup> power facilities, pursuant to long-term (≥ 5 years) power purchase agreements (PPAs), including those entered into prior to the issuance of a Green Financing Instrument and later extensions of a PPA.</li> </ul>		<ul> <li>CO2 emissions reduction</li> <li>Clean electricity and energy efficiency</li> </ul>	<ul> <li>12 A hydropower sions intensity A power densit</li> <li>13 0.547 tCO<sub>2</sub>e/t o for the cement</li> <li>14 Battery storage</li> </ul>	CSP plants must generate at least 85% of electricity from solar sources. facility in operation before 2020 is eligible if it has either: (a) A power de < 100g CO <sub>2</sub> e/kWh . A hydropower facility commencing operation in 2020 $y > 10W/m^2$ ; OR (d) GHG emissions intensity < 50g CO <sub>2</sub> e/kWh. of cementious product is the Transition Pathway Initiative's 2029 below 2	or after is eligit	ble if it has either: (c)

Project Category	Eligibility Criteria	CEMEX SDG Alignment	Contribution to CEMEX Major Categories	Project Category	Eligibility Criteria	CEMEX SDG Alignment	Contribution to CEMEX Major Categories
Eco-efficient and/or Circular Economy Adapted Products, Production	<ul> <li>Expenditures in this category related to production facilities will be limited to facilities that are expected to result in a carbon intensity below 0.547 tCO2e/t of cementitious product<sup>16</sup>.</li> <li>Expenditures related to the procurement of environmentally friendlier products, with an eco-label or environmental certification, resource-efficient packaging and distribution. Eligible Projects include:</li> <li>Vertua Concrete and, Vertua Cement and other Vertua products with sustainable attributes such as improve thermal efficiency; water conservation by reducing use during construction and allowing filtering back to soil; materials reuse by incorporating by-products, recycled and reuse of materials in their composition; and efficiency in design and construction.</li> <li>Acquisitions<sup>17</sup> and/or investments<sup>18</sup> in companies that:</li> </ul>	9 ANDERFE AND ALTER AND PRESERVICE AND ALTERCANCER AND ALTERCA	<ul> <li>✓ Water management</li> <li>✓ Circular economy and waste management</li> </ul>	Clean Transportation	<ul> <li>Expenditures related to the acquisition, modernization, and maintenance of our transport fleet, including transportation with zero direct greenhouse gas ("GHG") emissions (i.e. electric vehicles) and low GHG emissions<sup>19</sup> (i.e. hybrid vehicles).</li> <li>Eligible projects include, but are not limited to:         <ul> <li>Electric and/or hybrid passenger, commercial fleet and heavy-duty trucks;</li> <li>Use of low or zero-carbon fuels in our fleet; and</li> <li>Electromobility solutions for heavy mobile construction equipment and heavy-duty trucks.</li> </ul> </li> <li>Expenditures related to the installation, acquisition, modernization and maintenance of infrastructure projects associated with lower-carbon, hybrid and/or electric vehicles, including fueling and charging stations<sup>20</sup>.</li> </ul>	9 RECEIVE AND ALTER RECEIVE AND ALTER RECEIVE RECEIV	<ul> <li>✓ CO₂ emissions reduction</li> <li>✓ Clean transportation</li> </ul>
	<ul> <li>make products, develop technologies or provide services that minimize environmental impact, including climate change, land use, or solid waste; and,</li> <li>Use of natural resources and/or that contribute to a circular economy which aims to eliminate unnecessary materials and in which materials are reusable, recycled back into the same or similar products, and/or contain recycled content; and</li> <li>where a minimum of 90% of the acquired company's revenues are derived from revenue from activities aligned with the criteria outlined in the Framework.</li> </ul>	12 COST		Sustainable Water and Wastewater Management	<ul> <li>Expenditures related to water efficiency projects, such as water efficiency in our cement, concrete and aggregates operations, including the reduction of freshwater consumption in our industrial processes.</li> <li>Expenditures related to the development and installation of technologies and systems to improve the quality of treated water and effluent, the installation of new efficient water-related equipment and wastewater management and water treatment and waste recyclying systems in our operations.</li> </ul>	9 NOUTRI MADDING NOUTRI ASTRONOME 11 RECOMMENTION 12 RECOMMENTION ACTION ACTION 13 CLIMATE COCO	<ul> <li>Water management</li> <li>Circular economy and waste management</li> </ul>

**<sup>16</sup>** 0.547 tCO<sub>2</sub>e/t of cementious product is the Transition Pathway Initiative's 2029 below 2-degree scenario benchmark value for the cement sector.

**<sup>17</sup>** For acquisitions, financed amount to be equal to the net asset value of credible assets of the acquired company.

**<sup>18</sup>** With this project category, CEMEX intends to finance (i) facilities that sort and recycle municipal and industrial waste, and Construction, Demolition and Excavation Waste and/ or (ii) the RDF production and procurement process. The treatment of waste for the purpose of dumping it into landfill will not be financed under the framework.

 <sup>19</sup> To be eligible, hybrid passenger vehicles must meet the threshold of 50gCO<sub>2</sub>/km and hybrid freight vehicles (such as heavy trucks) must meet threshold of 25gCO<sub>2</sub>/km. In addition, the tailpipe emissions intensity of the eligible vehicles must not exceed 50g CO<sub>2</sub>/km until 2025, and from 2026 onwards, eligible vehicles must have emissions intensity of 0g CO<sub>2</sub>/km
 20 The financing of parking lots is not eligible.

#### **Exclusionary Criteria:**

We will not knowingly use the proceeds of any Green Financing Instrument for the financing of assets or projects related to any of the following:

- Activities related to the exploration, production or transportation of fossil fuels (e.g. coal, oil and gas);
- Consumption of fossil fuels for power generation purposes;
- Alcohol;
- Tobacco;
- Weapons and arms trade;
- Gambling; or
- Activities involving exploitation of human rights, modern slavery (e.g. forced labor or human trafficking) or child labor.

#### **Process for Project Evaluation and Selection**

At CEMEX, identifying, assessing, discussing, mitigating, and monitoring risks and opportunities are part of an integral process that considers the potential risks and opportunities, including sustainability risks, that could impact the Company's strategic objectives. The Enterprise Risk Management ("ERM") and the Sustainability Departments have the primary responsibility for conducting this process with relation to sustainability-related matters. We conduct extensive due diligence when evaluating potential new opportunities and monitoring our investment positions, and the ERM system is applicable to all decisions regarding the allocation of net proceeds from the issuance of Green Financing Instruments under this Framework.

Through a combination of both a 'bottom-up' and 'top-down' approach, risks and opportunities are identified and integrated to the Global Risk Agenda, which is prepared twice a year and presented to the Executive Committee and the Corporate Practices and Finance Committee of the Board of Directors. In addition, CEMEX has a Sustainability, Climate Action, Social Impact and Diversity Committee, currently comprised of four members of our Board of Directors whose responsibilities, assisted





by other CEMEX areas, include overseeing and discussing in detail the sustainability risks and opportunities, which are then included in the Sustainability Risk & Opportunity Agenda. We monitor important risks and opportunities, and changes identified as material trigger a process designed to ensure that appropriate adjustments are implemented.

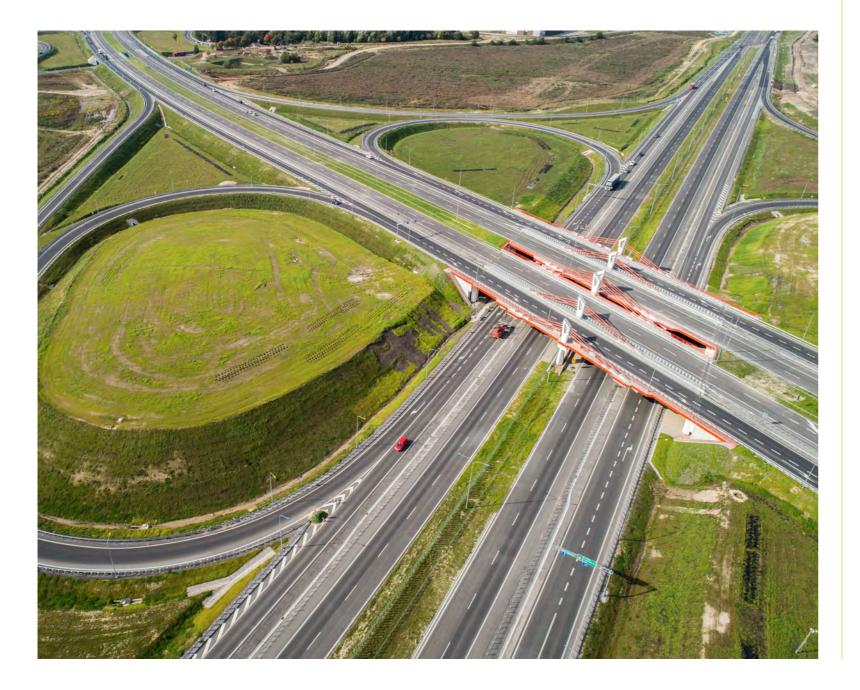
CEMEX has established a process to allocate the net proceeds from the issuance of Green Financing Instruments, with the participation of our Operations and Technology, Sustainability and Planning Departments (at both the Regional and Corporate levels). These Departments will develop investment roadmaps designed to meet CEMEX's CO<sub>2</sub> reduction targets as well as other projects with potential environmental impact. These investments and projects will be evaluated according to the Eligibility Criteria set in this Framework and, if the Eligibility Criteria are met, such projects will be proposed to receive an allocation from the net proceeds from the Green Financing Instruments. Final allocation will be reviewed and approved by CEMEX's Chief Executive Officer, for an amount up to the net proceeds from the Green Financing Instrument.

On an annual basis, the Corporate Operations and Technology, Sustainability and Planning Departments will review the list of approved green projects against the Eligibility Criteria. If a project no longer meets the Eligibility Criteria, CEMEX will reallocate funds from the ineligible project to Eligible Green Projects.

#### **Management of Proceeds**

CEMEX's CAPEX Committee will track actual amounts of net proceeds from any Green Financing Instrument spent on Eligible Green Projects, by establishing and maintaining a database that comprises relevant information for each project. Pending the allocation of the net proceeds from any Green Financing Instrument to Eligible Green Projects, all or a portion of the net proceeds may be used for the payment of outstanding indebtedness, other capital management activities or may be held on the Company's balance sheet, invested in cash, cash equivalents and/or other liquid instruments, in accordance with CEMEX's Investment Policy. Any payment of principal and interest on any Green Financing Instrument may be made from our general corporate accounts and could not be linked to the performance of any Eligible Green Project.

Complete allocation of the net proceeds from the issuance of any Green Financing Instrument is expected within 72 months starting from the annual reporting reference date (at the date of this document the last annual reporting reference date is December 31, 2022) immediately preceding the issuance of the corresponding Green Financing Instrument, in order to include complete calendar year expenditures relating to the corresponding Eligible Green Projects.



#### Reporting

#### **Allocation Reporting**

Annually, until the net proceeds from the issuance of a Green Financing Instrument have been fully allocated, and at other times in case of material developments, we intend to publish information regarding such Green Financing Instrument in a report (the "Green Financing Instrument Report") that we intend to post on our website<sup>21</sup>.

The first publication of the Green Financing Instrument Report with respect to a Green Financing Instrument will be made within 12 months of the issuance of the corresponding Green Financing Instrument (e.g. if a Green Financing Instrument issuance takes place in March 2023, the Green Financing Instrument Report with respect to such Green Financing Instrument would be published no later than March 2024) and will include:

- (ii) the share of net proceeds used for financing compared to refinancing;
- (iii) expected impact metrics (as described below), where feasible;
- (iv) a selection of brief project descriptions of Eligible Green Projects;
- (v) the outstanding amount of net proceeds to be allocated to Eligible Green Projects at the end of the reporting period; and
- (vi) the proportion of capital expenditures and/or operational expenditures.

Green Financing Instrument Reports may be issued with regard to a single Green Financing Instrument or with regard to more than one Green Financing Instruments.

the amount of net proceeds allocated to each Eligible Green Project either individually or by category, subject to confidentiality considerations;

<sup>21</sup> https://www.cemex.com/investors/debt-information/sustainable-finance

#### **Impact Reporting**

### Examples of expected impact metrics may include, where feasible, but are not limited to:

Green Project Category	Example Impact Metrics	Green Project Category	
	Reduction in CO <sub>2</sub> emissions (reduction in net CO <sub>2</sub> emissions per ton of cementitious vs. 1990 baseline)		Reduct proces
	<ul> <li>&gt; Alternative Fuel consumption (% of total fuel consumption)</li> <li>&gt; Clinker factor in cements (%)</li> </ul>	Sustainable Water and	Water (e.g. fo
Pollution Prevention	<ul> <li>Specific Heat Consumption</li> <li>CO<sub>2</sub> emissions avoided</li> </ul>	Wastewater Management	Reduct mix op
& Control	Percentage of clean energy in our cement operations		Impler
	<ul> <li>Reduction of dust, NOx, and SOx emissions per ton of clinker vs. 2005 (%)</li> <li>Total waste-derived sources managed (million tons)</li> </ul>		Sites w
	Amount of waste managed by the Company vs. waste sent to landfill		
	Emissions (including metric tons of CO <sub>2</sub> e) captured / reduced		N A
	Progress in project (%)		
	Annual GHG emissions reduced/avoided in tonnes of CO <sub>2</sub> equivalent		
Renewable Energy	<ul> <li>Annual renewable energy generation in MWh (electricity) and GJ (other energy)</li> <li>Capacity of renewable energy plant(s) to be served by transmission systems (MW)</li> </ul>		
Energy Efficiency	<ul> <li>Annual energy savings in MWh/GWh (electricity) and GJ/TJ (other energy savings)</li> <li>Annual GHG emissions reduced/avoided in tonnes of CO<sub>2</sub> equivalent</li> </ul>		
	Annual tonnes of waste processed		
	% recycled content		
Ecoefficiency & Circularity	<ul> <li>Estimated annual recycling rate</li> <li>Annual sales of Vertua<sup>®</sup> cement and concrete products as a percentage of</li> </ul>		
	volume sold		
	Annual sales of products with outstanding sustainable attributes		
	Annual GHG emissions reduced/avoided in tCO <sub>2</sub> -e p.a.		
Clean Transportation	<ul> <li>Number of clean vehicles deployed (e.g. electric)</li> <li>Estimated reduction in fuel consumption</li> </ul>		
			- 1

#### Example Impact Metrics

uction in water consumption of economic activities (e.g. industrial cesses, agricultural activities including irrigation, buildings, etc.)

er re-use and/or water use avoided by waterless solutions and equipment, for sanitation, cooling systems, industrial processes, etc.)

uction in specific freshwater withdrawal in cement, aggregates and readyoperations

lementation of Water Action Plans in sites located in water-scarce areas (%)

s with water recycling systems (%)



CEMEX Green Financing Framework

#### **External Review**

#### **Second Party Opinion**

CEMEX has obtained and intends to make publicly available a Second Party Opinion ("SPO") from Sustainalytics, a consultant with recognized environmental and social expertise, to provide an opinion on the environmental and social benefits of this Framework as well as the alignment to the GBP. The SPO is expected to be available on the SPO provider's website.

#### Assurance

We expect our Green Financing Instrument Report to be accompanied by:

- I assertions that a portion or the entirety of the net proceeds of an offering of a Green Financing Instrument was allocated to Eligible Green Projects, as may be the case, and
- I an attestation report from an independent third party who is expected to examine and review decisions regarding the use of net proceeds from any Green Financing Instrument and provide assurance as to which portion or all of the net proceeds from any Green Financing Instrument have been allocated consistent with the Eligibility Criteria set forth in this Framework.



**CEMEX Green Financing Framework** 

# Disclaimer

In this disclaimer, "CEMEX," "Company," "we," "us" or "our" refer to CEMEX, S.A.B. de C.V. and its consolidated entities.

This Framework may contain forward-looking statements within the meaning of the U.S. federal securities law. We intend 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, but not limited to, "assume", "might", "should", "could", "continue", "would", "can", "consider", "envision", "plan", "forsee", "predict", "potential", "target", "strategy", "aim," "anticipate," "believe," "drive," "estimate," "expect," "goal," "intend," "may," "plan," "project," "strategy," and "target" or similar statements or variations of such terms and other similar expressions. These forward-looking statements, as well as any other information and opinions contained in this Framework, are issued as of the date of this Framework and reflect, unless otherwise indicated, information, opinions, expectations and/or projections about future events based on our knowledge of present facts and circumstances and assumptions about future events. These statements, information and opinions inherently involve risks and uncertainties that could cause actual results to differ materially from those predicted. Some of the risks, uncertainties and other important factors that could cause results to differ, or that otherwise could have an impact on us, include, but are not limited to: the impact of pandemics, epidemics or outbreaks of infectious diseases and the response of governments and other third parties, including with respect to the novel strain of the coronavirus and its variants, declared as a pandemic by the World Health Organization in March 2020 ("COVID-19"), which have affected and may continue to adversely affect, among other matters, the ability of our operating facilities to operate at full or any capacity, supply chains, international operations, availability of liquidity, investor confidence and consumer spending, as well as availability of, and demand for, our products and services; 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; volatility in pension plan asset values and liabilities, which may require cash contributions to the pension plans; the impact of environmental cleanup costs and other liabilities relating to existing and/or divested businesses; our ability to secure and permit aggregates reserves in strategically located areas; the timing and amount of federal, state and local funding for infrastructure; changes in the level of spending for private residential and private nonresidential construction; changes in our effective tax rate; 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, energy, tax, antitrust, labor and acquisition-related rules and regulations; our ability to satisfy our obligations under our material debt agreements, the indentures that govern our outstanding 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 and on the cost of the products and services we purchase; 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 pricing initiatives for our products and generally meet our "Operation Resilience" strategy's goals; 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; 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 United States-Mexico-Canada Agreement; availability and cost of trucks, railcars, barges and ships, as well as their licensed operators, for transport of our materials; labor shortages and constraints; terrorist and organized criminal activities as well as geopolitical events, such as war and armed conflicts, including the current war between Russia and Ukraine; 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 the other risks and uncertainties described in our annual report on Form 20-F for the year ended December 31, 2021 and in other reports filed from time to time with the Securities and Exchange Commission. Readers are urged to read this Framework and carefully consider the risks, uncertainties and other factors that affect our business and operations. Should one or more of these risks or uncertainties materialize, or should underlying assumptions prove

#### incorrect, actual results may vary materially from historical results, performance or achievements and/ or from results, performance or achievements expressly or implicitly anticipated by the forward-looking statements, information and/or opinions contained in this Framework, or otherwise could have an impact on us. Any or all of CEMEX's forward-looking statements, as well as any other information and opinions contained in this Framework, may turn out to be inaccurate and the factors identified above are not exhaustive. None of the future projections, expectations, estimates or prospects in this Framework should be taken as forecasts or promises nor should they be taken as implying any indication, assurance or guarantee that the assumptions on which such future projections, expectations, estimates or prospects have been prepared, are correct, exhaustive or fully stated in the Framework. No assurance can be given that any goal or plan set forth in forward-looking statements in this Framework can or will be achieved, and readers are cautioned not to place undue reliance on such statements, information and/or opinions contained in this Framework, which speak only as of the date of the Framework and are subject to change without notice; and, CEMEX does not undertake, is not under, and expressly disclaims, any obligation to update or revise forward-looking statements, information and/or opinions contained in this Framework to reflect the impact of information, circumstances or events that arise after the date such forward-looking statements, information and/or opinions are issued. Readers should review reports filed or furnished by us with the U.S. Securities and Exchange Commission.

This Framework is not intended to, nor can it be relied on, to create legal relations, rights or obligations. This Framework may contain or incorporate by reference information not separately reviewed, approved or endorsed by CEMEX and accordingly, no representation, warranty or undertaking, express or implied, is made and no responsibility or liability is accepted by CEMEX as to the fairness, accuracy, reasonableness or completeness of such information.

This Framework is provided for information purposes only and does not constitute a recommendation regarding the purchase, sale, subscription or other acquisition or disposal of any debt or securities of CEMEX, or any securities backed by a security or insurance product of CEMEX. This Framework is not and is not intended to be, and does not form part of or contain an offer to sell or an invitation to buy, or a solicitation of any offer or invitation to buy, any securities. If any such offer or invitation is made, it will

be done pursuant to separate and distinct documentation (the "Offering Documents") and any decision to purchase or subscribe for any securities pursuant to such offer or invitation should be made solely on the basis of such Offering Documents and not these materials. Prospective investors should make their own independent investigations and appraisals of the business and financial condition of CEMEX and the nature of the securities before taking any investment decision with respect to securities of CEMEX.

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