



# 02. CLIMATE – NET ZERO PLEDGE

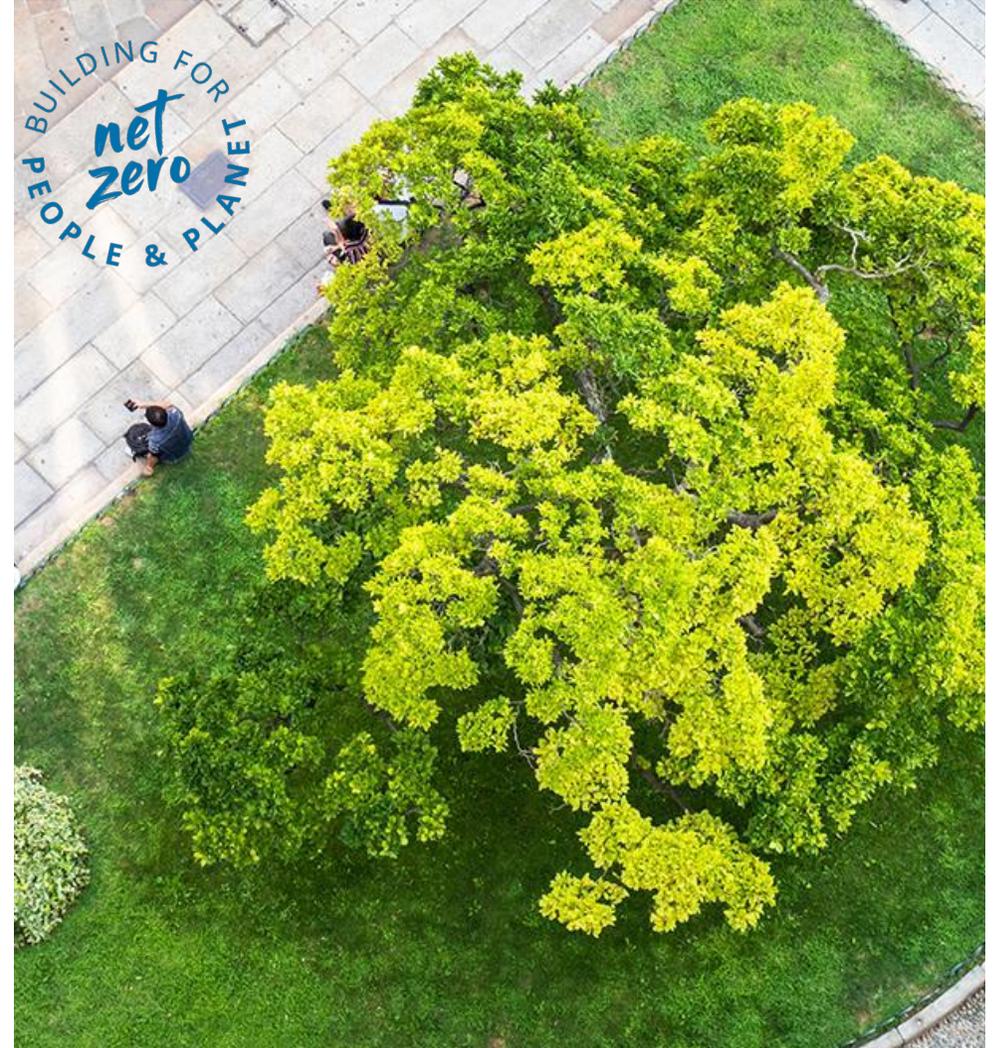
WITH SCIENCE-BASED TARGETS



# BUILDING A NET ZERO FUTURE WITH SCIENCE-BASED TARGETS

- As the global leader in the industry **key role to play to address today's climate crisis**
- **1<sup>st</sup> global building materials company to sign the Business Ambition for 1.5°C pledge** with science-based approved intermediate targets aligned with a net zero pathway
- **2030 targets accelerate reduction of CO<sub>2</sub> intensity to exceed 20%<sup>1</sup>**
- **Partnership signed with Science Based Target initiative (SBTi)** to develop a roadmap for a 1.5°C future in the cement sector
- **Expansion of actions to full value chain that includes scope 3 emissions**

<sup>1</sup> incl. scope 1 & scope 2 emissions for cement operations vs. 2018



# LEADING THE WAY IN GREEN CONSTRUCTION

## ECO Pact The Green Concrete

Enabling carbon-neutral construction



3D printing building more with less

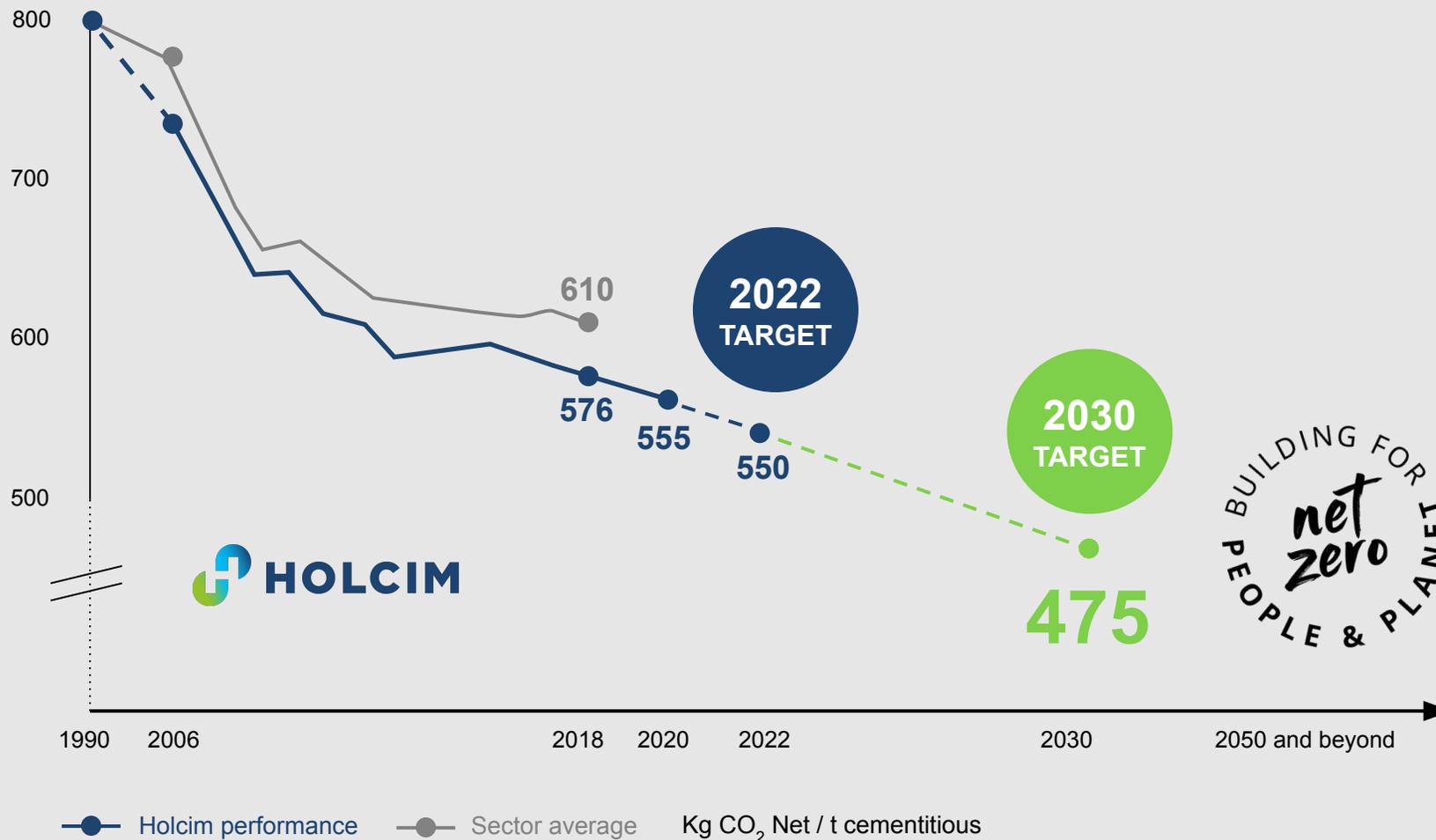
## SUSTENO

Leading circular cement with ~20% recycled material inside



A global leader in waste solutions

# OUR PATHWAY TO NET ZERO

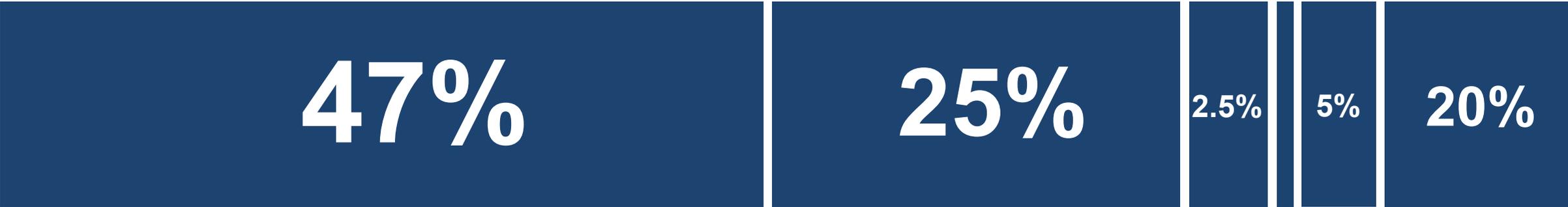


**BUSINESS AMBITION FOR 1.5°C**

Holcim will reduce scope 1 CO<sub>2</sub> emissions to a target consistent with a net-zero pathway endorsed by SBTi



# HOLCIM CO<sub>2</sub> FOOTPRINT



Raw materials decarbonation  
Cement production

Fuels combustion  
Cement production

Energy generation

Aggregates and RMX operations

0.5%

All indirect emissions

Purchased electricity



# BY 2030, HOLCIM WILL



**Accelerate use of low carbon & carbon-neutral products**, incl. ECOPact & Susteno



**Recycle 100m tons of waste and byproducts** for energy and raw materials



**Scale up the use of calcined clay** and develop novel cements with new binders

**x2**

**Double<sup>1</sup> waste-derived fuels** in production to reach 37%

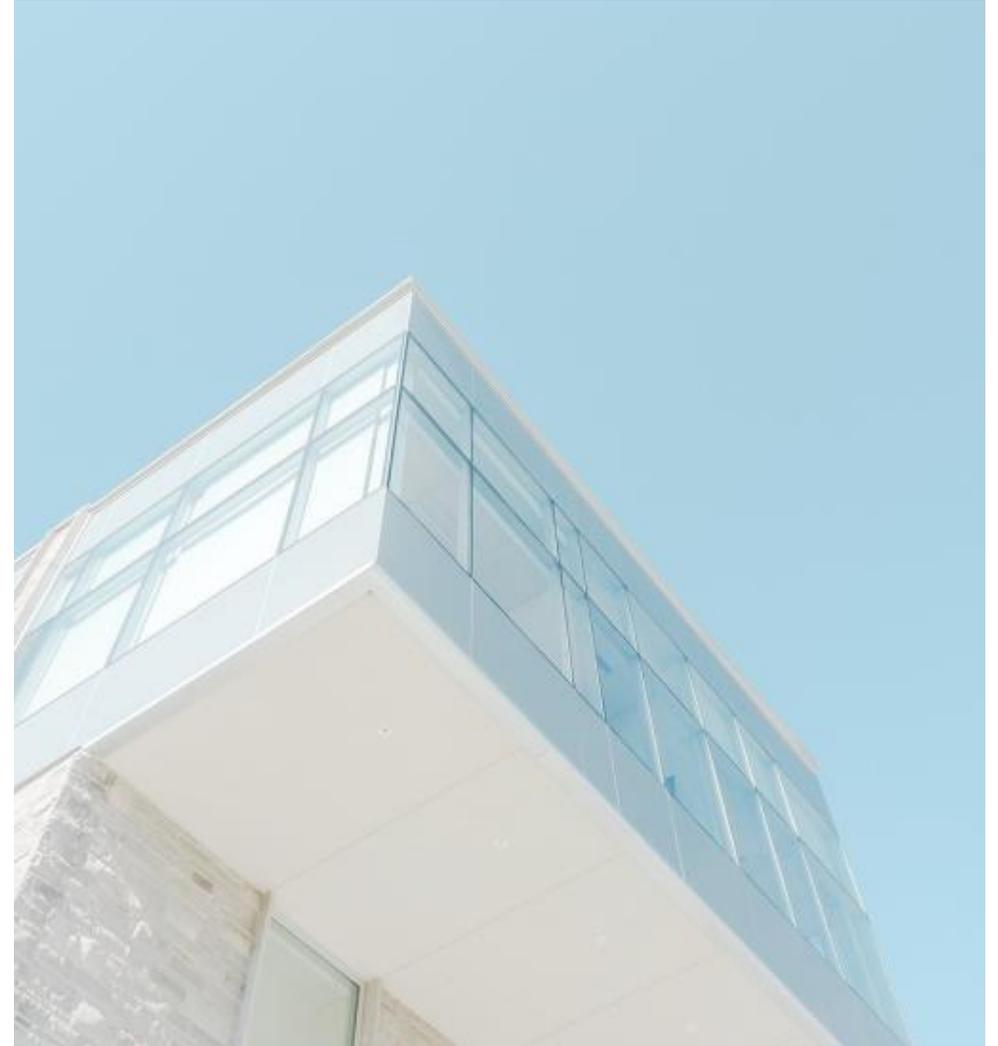


**Reach 475 kg** net CO<sub>2</sub> per ton of cementitious material

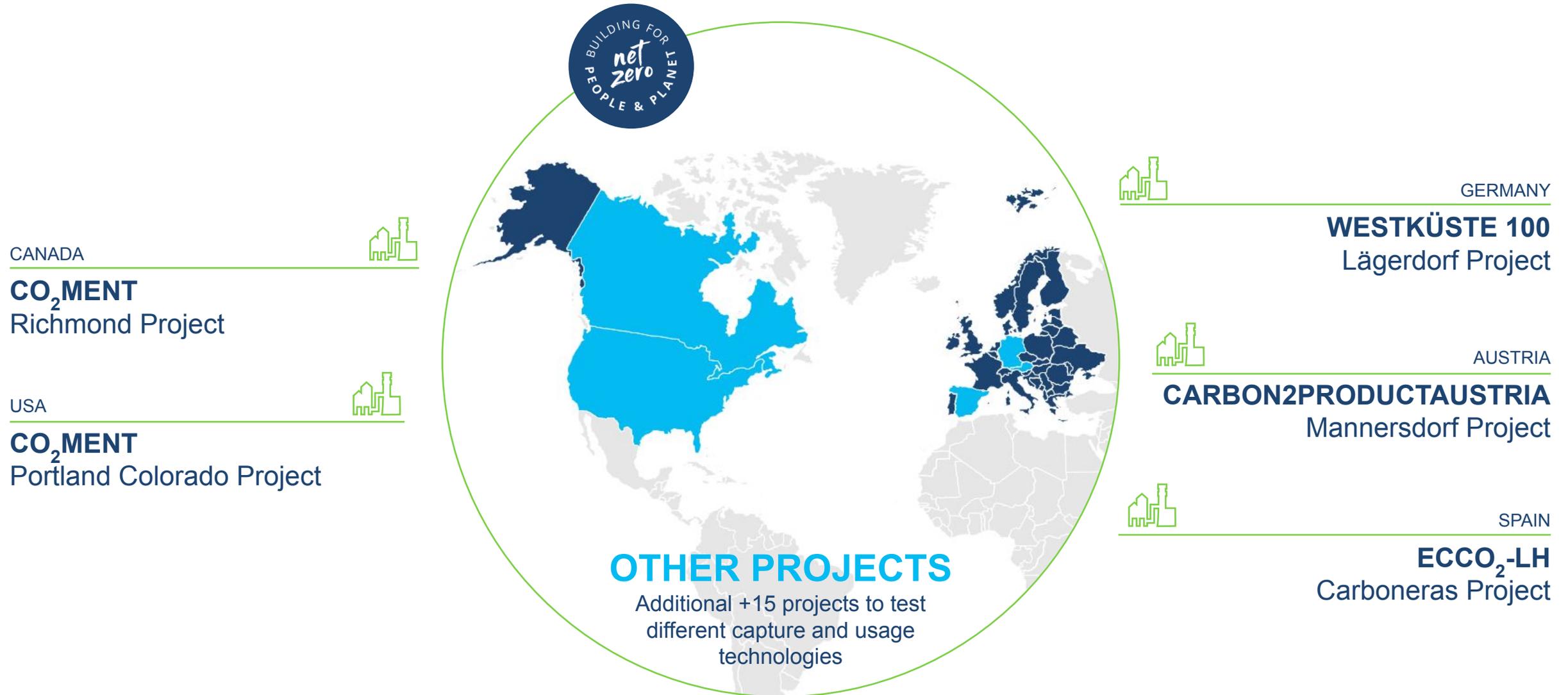
**1**

**Operate its first net-zero carbon cement production facility**

<sup>1</sup> Compared to 2018 baseline



# GETTING READY FOR CARBON CAPTURE: 20 PILOT PROJECTS ONGOING



# BUILDING A NET ZERO WORLD



Since 1990, the company has **reduced CO<sub>2</sub> emissions** per ton of cementitious by

**28%**

**Less CO<sub>2</sub> emissions** per ton of cementitious **by 2030** validated by SBTi<sup>1</sup>

**40%**

**Pledge to net zero** aligned with

**1.5°C**

<sup>1</sup> Compared to 1990 baseline; incl. scope 1 & scope 2

# NET ZERO PATHWAY ENABLERS

BUILDING FOR  
*net zero*  
PEOPLE & PLANET



## CARBON PRICE

Level playing field with importers

Reliable carbon prices



## MARKET DEMAND

Evolving standards

Market uptake of low-carbon products



## CARBON CAPTURE

Infrastructure and networks

Recognition of carbon removal



## ENERGY

Competitive renewable energy

Incentivise fossil fuel substitution

# CLIMATE & ENERGY 2020 PERFORMANCE

SOLID PROGRESS IN 2020 OF OUR NET CO<sub>2</sub> SCOPE 1 EMISSIONS, 1.1 PERCENT LOWER THAN IN 2019

## SUSTAINABILITY PILLARS



## CLIMATE & ENERGY



## LEAD METRIC

### THERMAL & PROCESS

[kg CO<sub>2</sub> / t cementitious]

### ELECTRICITY

[kg CO<sub>2</sub> / t cementitious]

BASELINE 2018

576

38

PERFORMANCE 2020

17.5%

555

65%

36

TARGET 2030

475

13



Holcim commits to reduce Scope 1 GHG emissions per ton of cementitious materials to 475 kg by 2030.

Holcim also commits to reduce 65% its Scope 2 emissions per ton of cementitious materials by 2030 from a 2018 base year

# OUR BUILDING BLOCKS TO NET ZERO

