Net zero pledge
with science-based targets

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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^st^ 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 CO2 intensity to exceed 20%^1

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

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^1 incl. scope 1 & scope 2 emissions for cement operations vs. 2018
Leading the way in green construction

**ECOPact**

*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
Partnerships key to scale up impact

Partnering with SBTi:
- to lead in a rigorous, science-driven way
- 2030 approved targets
- Beyond 2030 developing roadmap in the cement sector

BUSINESS AMBITION FOR 1.5°C

| 294 | 42 | 9.5 | 49 |
| companies | sectors | million employees | countries |

#OurOnlyFuture
LafargeHolcim will reduce scope 1 CO2 emissions to a target consistent with a net-zero pathway endorsed by SBTi
LafargeHolcim CO2 footprint

SCOPE 1

50%

Raw materials decarbonation
Cement production

SCOPE 2

26%

Fuels combustion
Cement production

Energy generation

Aggregates and RMX operations

SCOPE 3

5%

13%

All indirect emissions

Purchased electricity
By 2030, LafargeHolcim will

- **Accelerate use of low-carbon & carbon-neutral products**, incl. ECOPact and 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
- **Double* waste-derived fuels** in production to reach 37%
- **Reach 475 kg net CO2 per ton of cementitious material**
- **Operate its first net-zero carbon cement production facility**

* Compared to 2018 baseline
Getting ready for carbon capture: 20 pilot projects ongoing

- CANADA: CO2MENT Richmond Project
- USA: CO2MENT Portland Colorado Project
- AUSTRIA: Carbon2Product Austria Mannersdorf Project
- SPAIN: ECCO2-LH Carboneras Project

Other projects: Additional +15 projects to test different capture and usage technologies
Since 1990, the company has reduced CO2 emissions per ton of cementitious by 27%. 40% less CO2 emissions per ton of cementitious by 2030 validated by SBTi\(^1\)

Pledge to net zero aligned with 1.5\(^\circ\)C

\(^1\) Compared to 1990 baseline; incl. scope 1 & scope 2