



Reinventing Construction for a Net Zero Future

Cédric de Meeûs, LafargeHolcim

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Did you know?

By 2050 population is expected to grow **22%** to 9.7 billion.
2.5 billion in cities

New York City
built every month

1.6 billion people
Lack adequate housing

Mega Trends Shaping our Industry



Sustainable construction



Urbanization



Population growth



Living standards



Digitalization

The future isn't written, it is built.

Providing essential shelter

Connecting Communities & Society

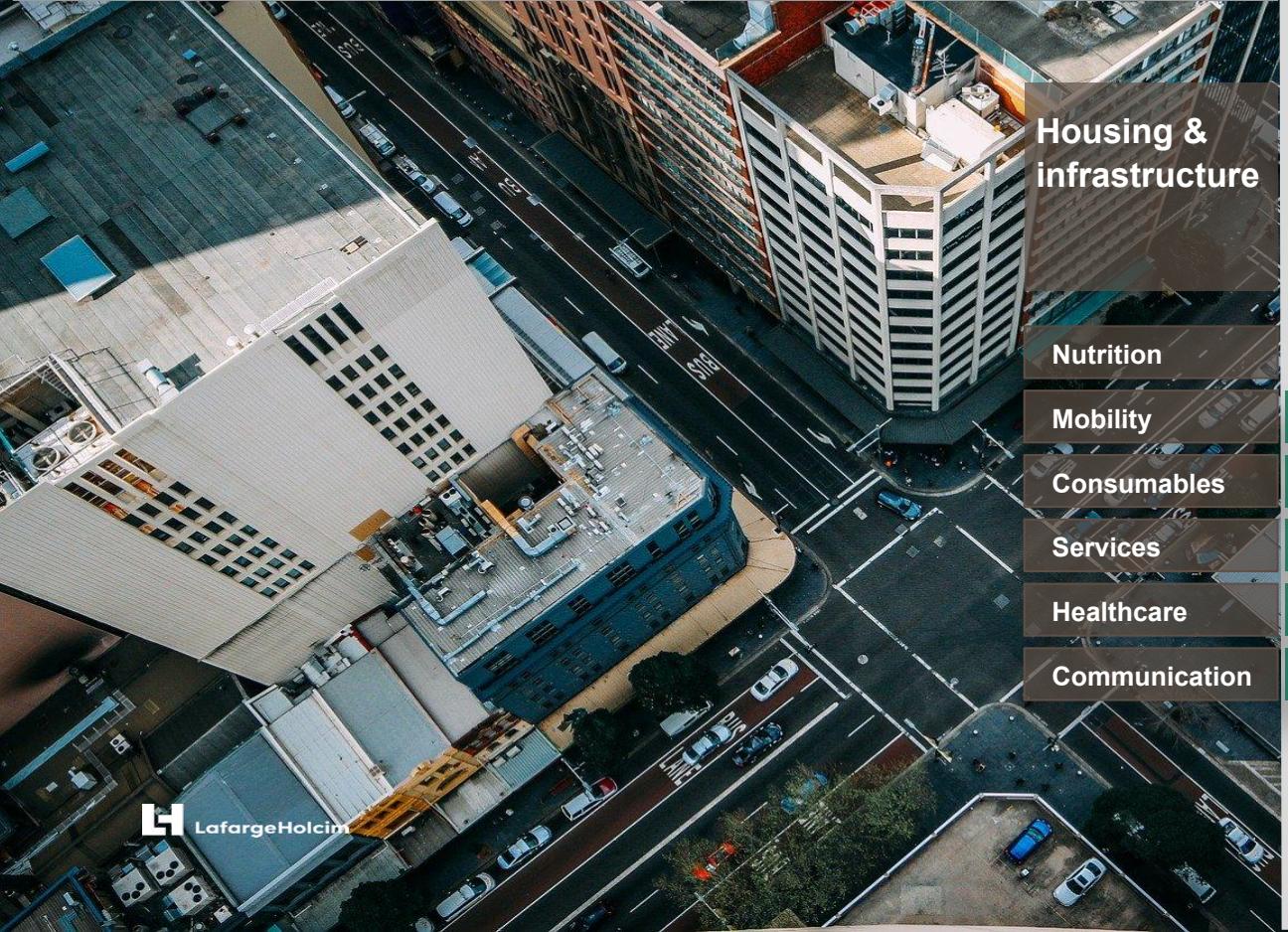
Architectural Landmarks

We're building it net zero

BUILDING FOR
net zero
PEOPLE & PLANET



Almost 50% of resources extracted from Earth every year go to housing and infrastructure



Housing & infrastructure

Nutrition

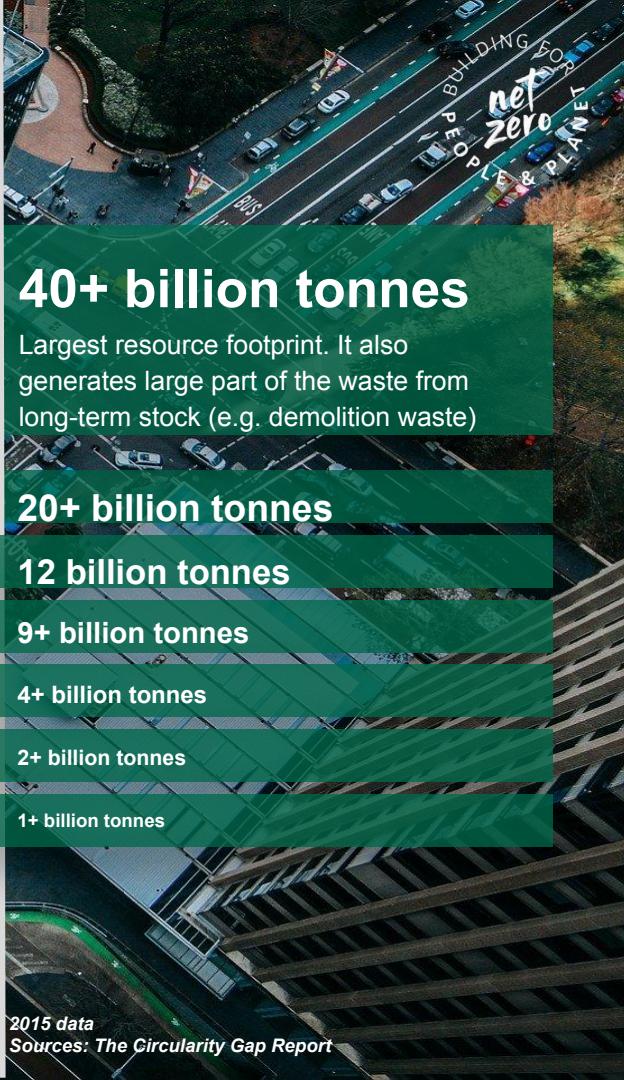
Mobility

Consumables

Services

Healthcare

Communication





In 2019 we:

Used 620 million tons of raw materials

Recovered 48 million tons of waste

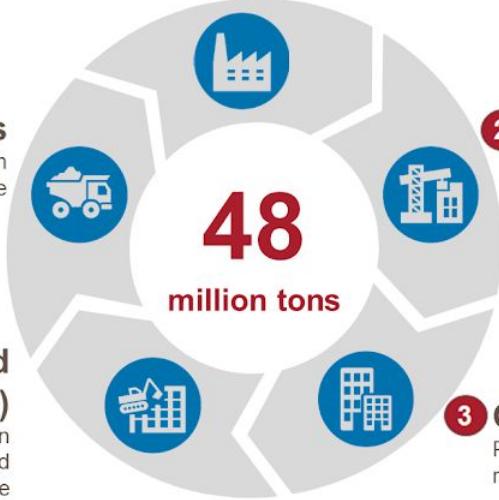
All figures represent FY 2019

5 Recycled Aggregates

High quality aggregates processed from recycled concrete

4 Construction and Demolition Waste (CDW)

Reusing of Mixed material from Construction demolition and deconstruction of building and infrastructure





Greener: low-carbon and circular solutions

1. Leading Green Building Solutions like:

ECOPact

Green Concrete for:
30-100% less CO₂

2. Driving Circular Construction for a Zero Waste Future:

1. Reuse
Minerals & Waste as Fuel & Raw materials

4. Re-Build
Green Products & Solutions

2. Reduce
Operational Efficiency
Technologies to do more with less (3D Printing, Oris)

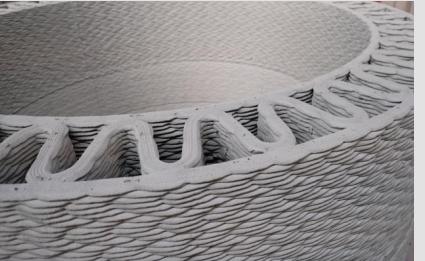
3. Recycle
Construction & Demolition Waste (CDW)
Aggregates from recycled concrete

A circular green arrow diagram with the text "48Mt Leader in Recycling" in the center, indicating a 48 million metric ton reduction in waste through recycling.



**Smarter:
innovation-driven & digital**

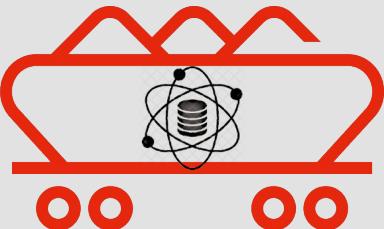
Innovating to build
more with less



3D Printing
Accelerating Transition to
Renewable Economy



Digitalization for more
Impact



Transport Analytics Center
AI & Datafication for Logistics
& CO2 Efficiency



Policies for resource efficient construction

Material neutrality

Lifecycle performance

Demand-pull measures

BUILDING FOR
net zero
PEOPLE & PLANET



LafargeHolcim

Reinventing How the World Builds

