

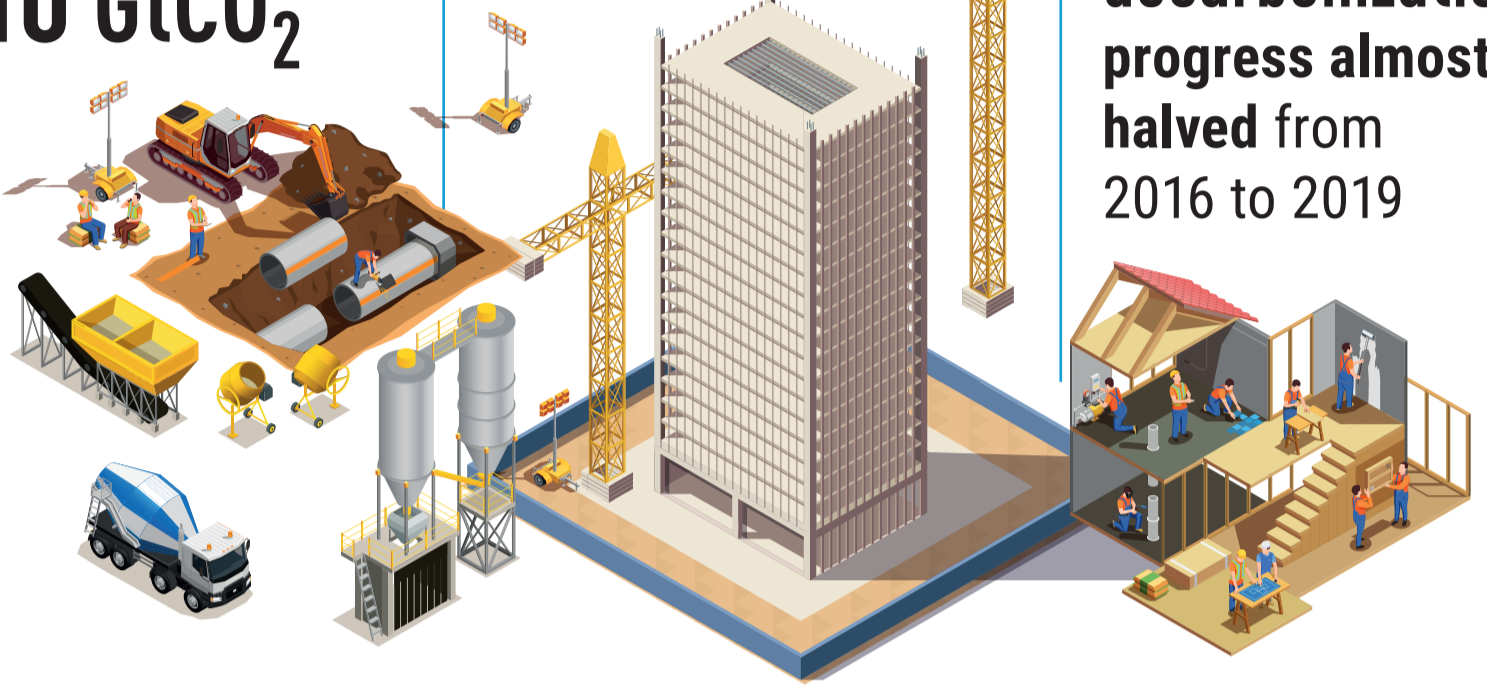
## The sector is far from being on track for decarbonisation, notwithstanding the effects of COVID-19

**CO<sub>2</sub> emissions** from the building sector are the highest ever recorded at almost **10 GtCO<sub>2</sub>**

**38%** of global energy-related **CO<sub>2</sub> emissions**  
**35%** of global energy use

Nearly **55%** of total global **electricity**

**Annual decarbonization progress almost halved** from 2016 to 2019



## It is possible to achieve net-zero by 2050 using existing technologies with bold action, policy and investments.

Mandatory, performance-based building codes, widespread certification, national roadmaps

Science-based targets addressing emissions along the value chain guide actions and strategies

Re-evaluation of real estate investments through energy-efficiency, carbon reduction lenses

Integration of circular economy and health principles

Integration of nature-based solutions, net zero/cool buildings

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## To get on a path to net-zero, the sector can capitalize on upcoming opportunities and positive trends

Commitments to green and net zero buildings

National determined contributions

Stimulus packages and recovery interventions

Regional roadmaps



## Achieving net-zero for buildings can yield multiple benefits including economic growth

Green buildings are among the biggest investment opportunities at \$24.7 trillion globally

USD 1m invested in retrofits/efficiency measures in new builds can create 9-30 jobs