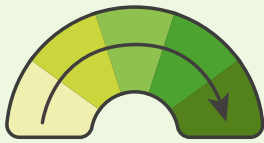


HOW TO ACHIEVE ZERO CARBON OPERATIONS FOR NEW BUILDINGS

Building operations account for 27% of the world's CO₂ emissions, but we can change that. The building requirements and smart policy solutions below are what's needed to achieve **zero operating carbon buildings** that use all-electric systems powered by clean energy. Here's the winning combo of solutions for new buildings.

BUILDING REQUIREMENTS FOR ZERO OPERATING CARBON IN NEW BUILDINGS



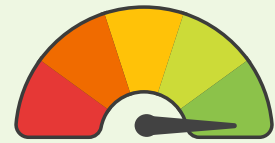
Optimize Efficiency

AND



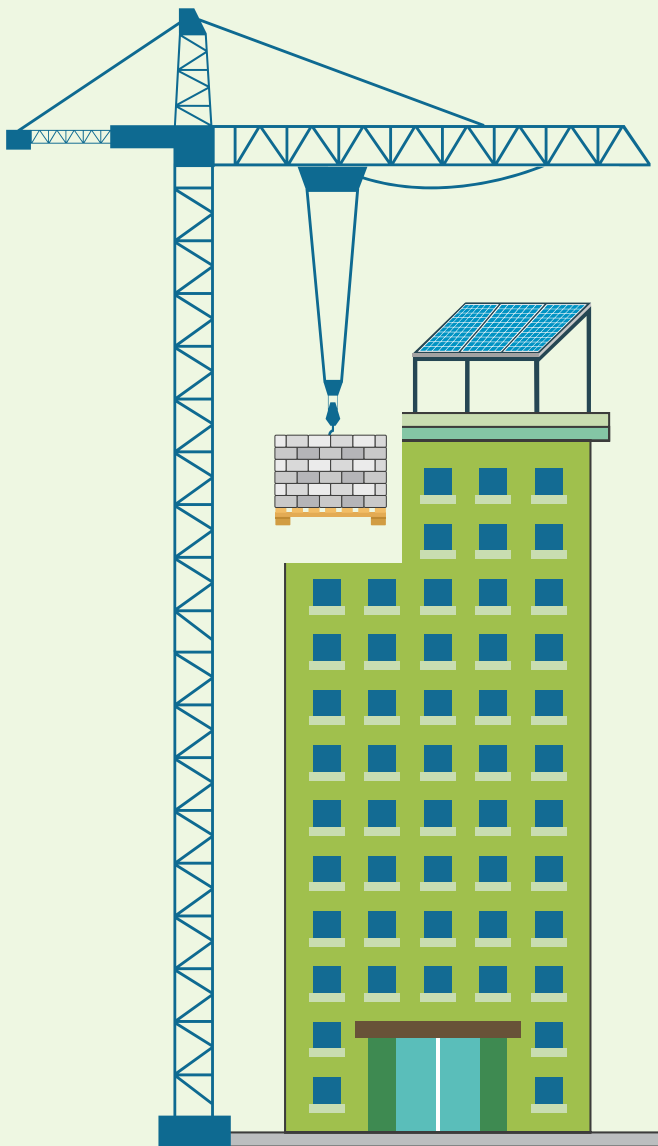
100% Renewable Energy

AND



100% Electrification

POLICY SOLUTIONS FOR ZERO OPERATING CARBON IN NEW BUILDINGS



OPTIMIZE EFFICIENCY

Adopt the most stringent building energy code possible:

- Latest model code (2021 IECC/ASHRAE 90.1-2022)
- or*
- Stretch code

REQUIRE RENEWABLE ENERGY

Pass renewable energy policies for buildings to reach 100% renewable energy through:

- On-site Renewable Energy Generation
- and/or*
- Offsite Renewable Energy Procurement*

REQUIRE ELECTRIFICATION

Pass policies to reach 100% electrification through:

- Electric Space Heating
- Electric Water Heating
- and*
- Electric Appliances

*[Click here](#) for more information about renewable energy procurement policy pathways for buildings.

