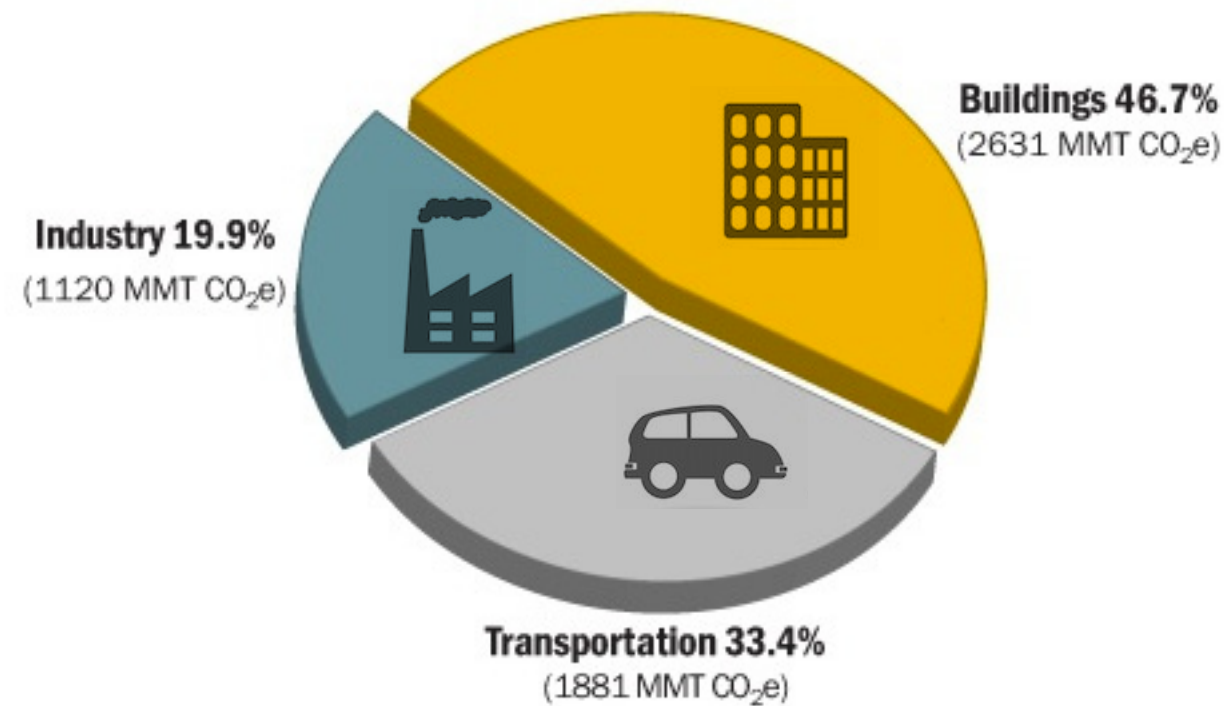


Of BUILDINGS, CARS, and FACTORIES, which emits the most CO₂, consumes the most electricity and the most energy?



U.S. CO₂ Emissions by Sector

Source: ©2011 2030, Inc. / Architecture 2030. All Rights Reserved.
 Data Source: U.S. Energy Information Administration (2011).



BUILDINGS EMIT

47% OF CO₂ PRODUCED IN THE US

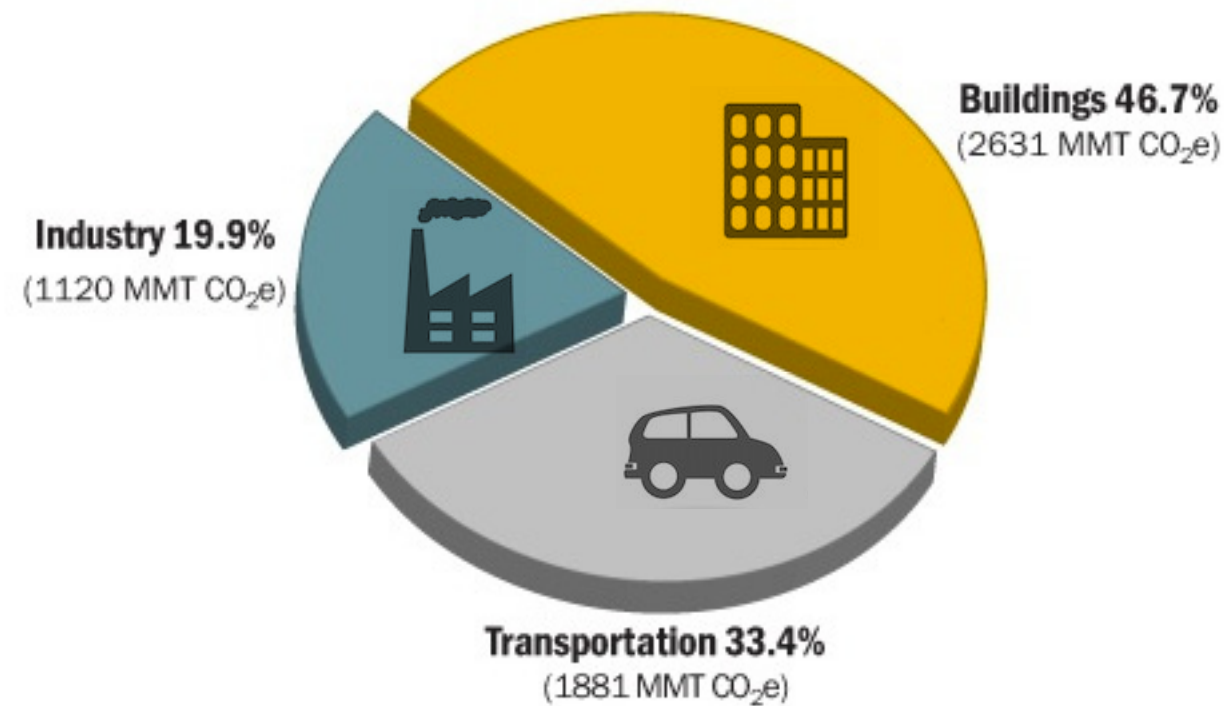
CARS EMIT

33% OF CO₂ PRODUCED IN THE US

FACTORIES EMIT

20% OF CO₂ PRODUCED IN THE US





U.S. CO₂ Emissions by Sector

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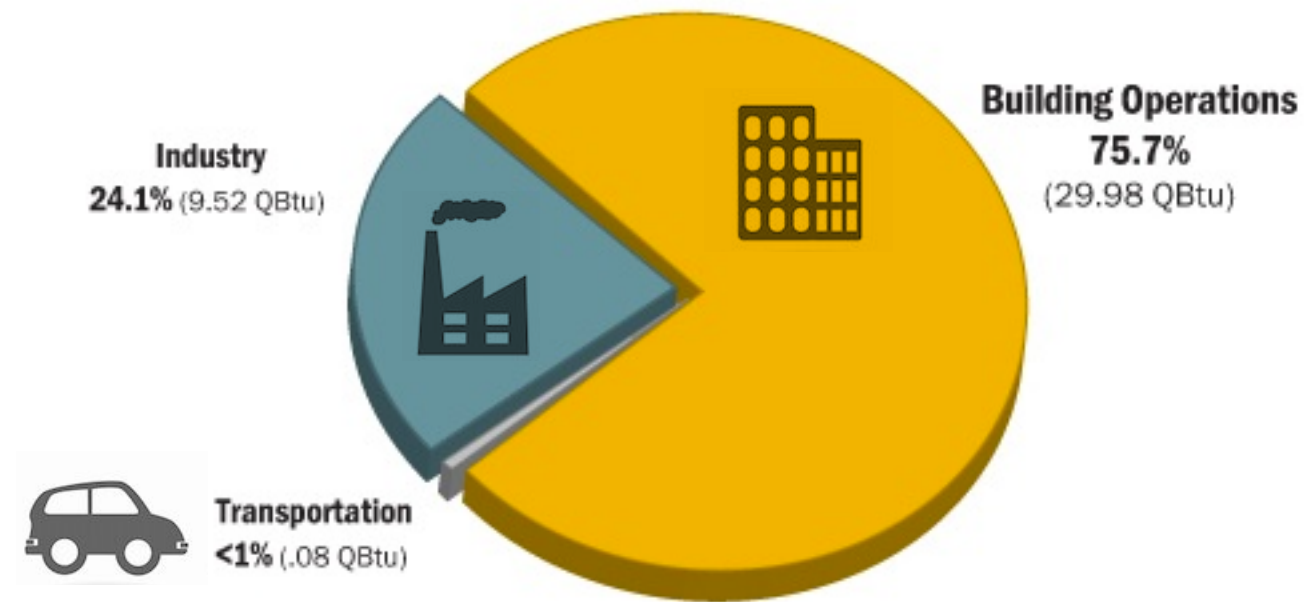


BUILDINGS EMIT **47%** OF CO₂ PRODUCED IN THE US

CARS EMIT **33%** OF CO₂ PRODUCED IN THE US

FACTORIES EMIT **20%** OF CO₂ PRODUCED IN THE US





U.S. Electricity Consumption by Sector

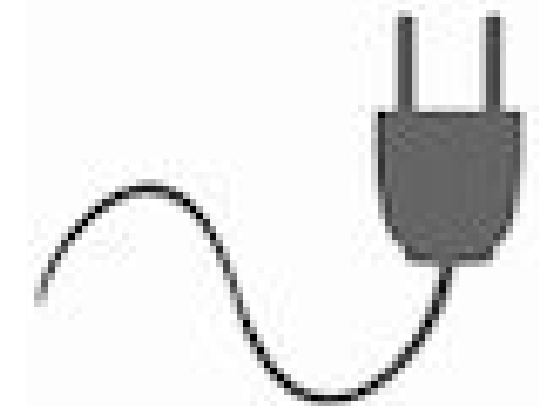
Source: ©2011 2030, Inc. / Architecture 2030. All Rights Reserved.
 Data Source: U.S. Energy Information Administration (2011).

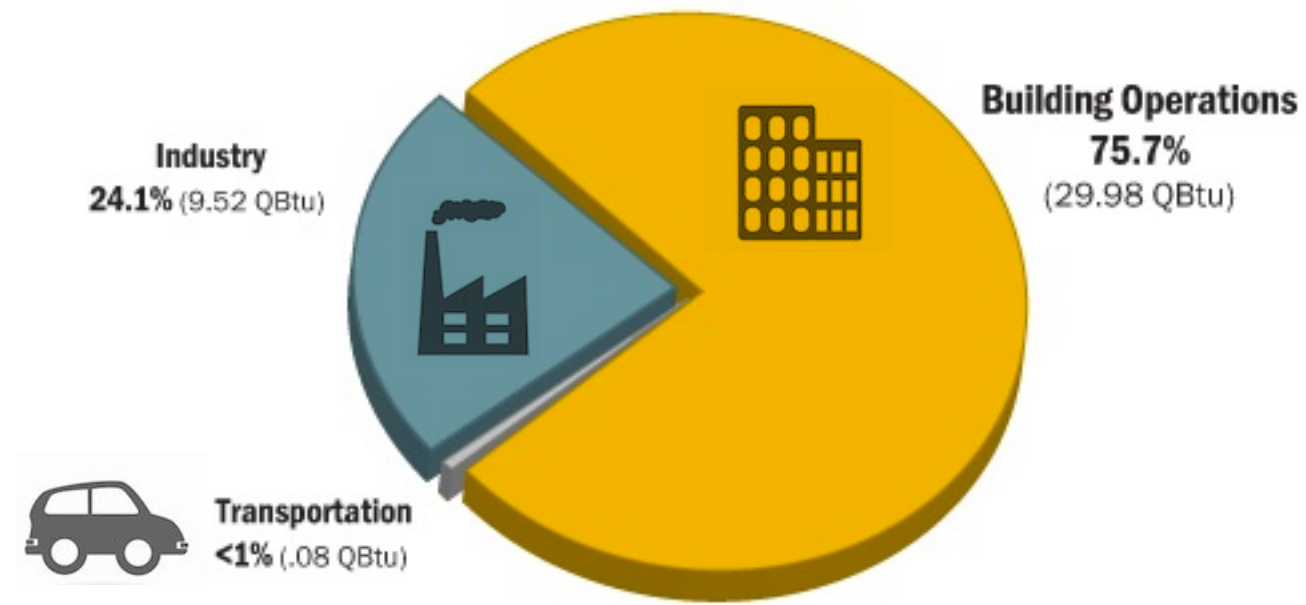


BUILDINGS CONSUME **76%** OF ELECTRICITY PRODUCED IN THE US

CARS CONSUME **1%** OF ELECTRICITY PRODUCED IN THE US

FACTORIES CONSUME **24%** OF ELECTRICITY PRODUCED IN THE US





U.S. Electricity Consumption by Sector

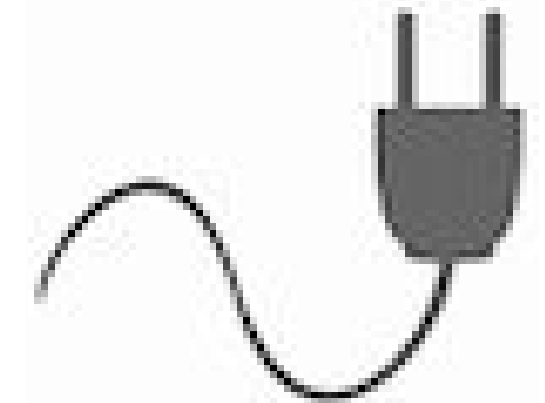
Source: ©2011 2030, Inc. / Architecture 2030. All Rights Reserved.
 Data Source: U.S. Energy Information Administration (2011).

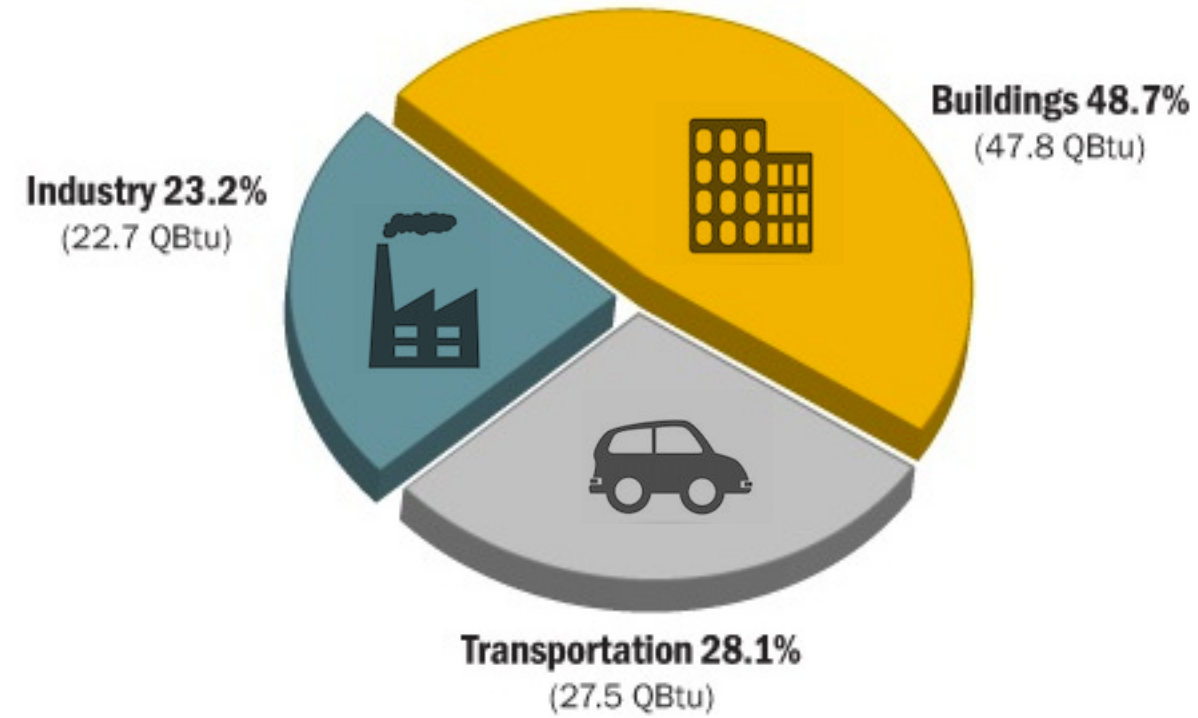


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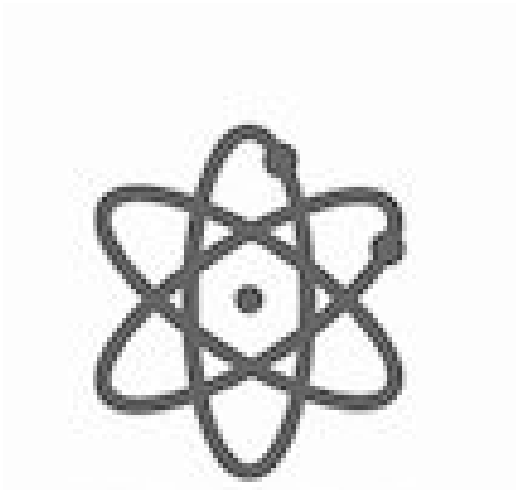


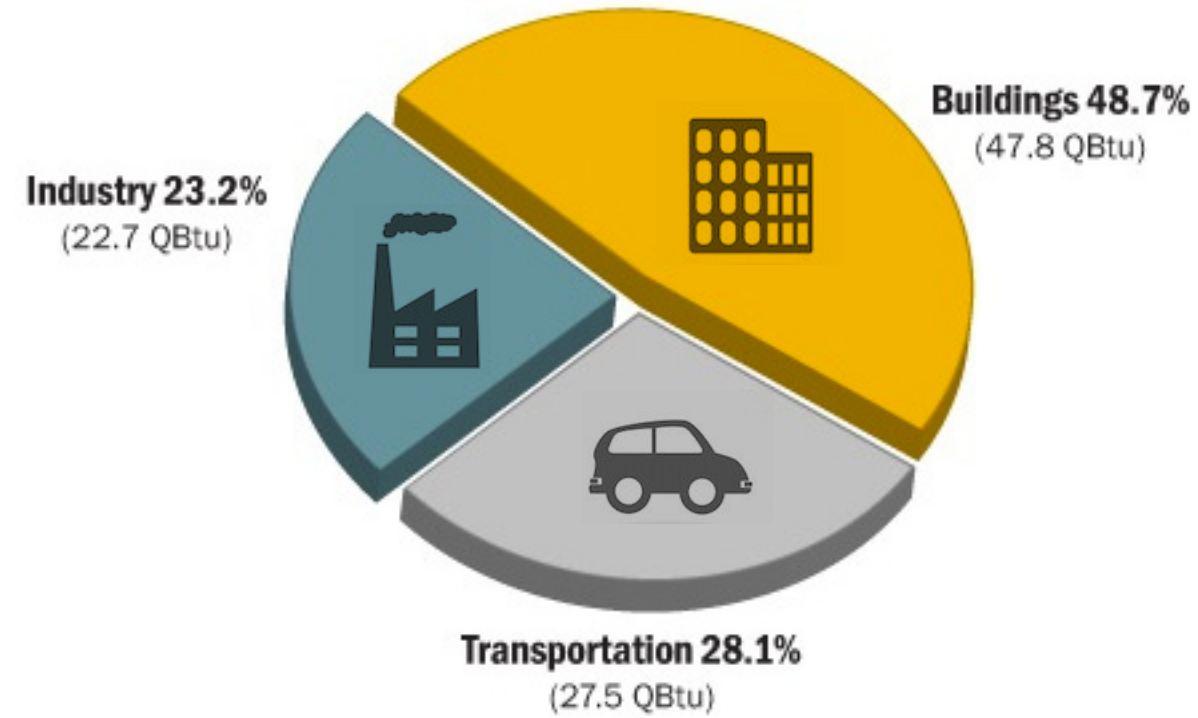
U.S. Energy Consumption by Sector

Source: ©2011 2030, Inc. / Architecture 2030. All Rights Reserved.
 Data Source: U.S. Energy Information Administration (2011).



- BUILDINGS** CONSUME **49%** OF ENERGY PRODUCED IN THE US
- CARS** CONSUME **28%** OF ENERGY PRODUCED IN THE US
- FACTORIES** CONSUME **23%** OF ENERGY PRODUCED IN THE US





U.S. Energy Consumption by Sector

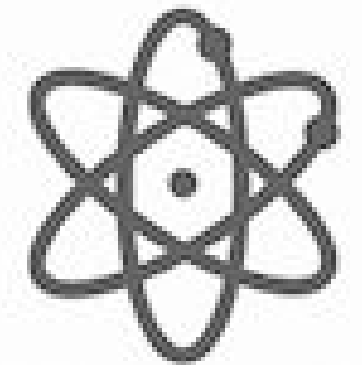
Source: ©2011 2030, Inc. / Architecture 2030. All Rights Reserved.
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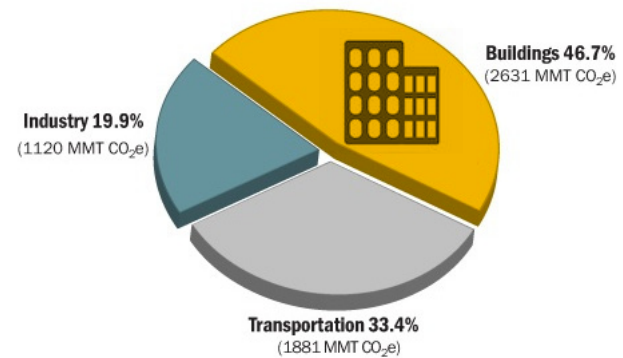


BUILDINGS CONSUME **49%** OF ENERGY PRODUCED IN THE US

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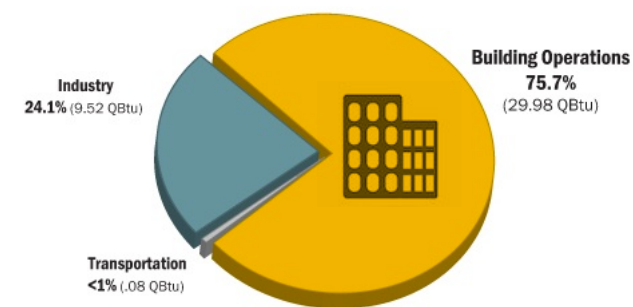
FACTORIES CONSUME **23%** OF ENERGY PRODUCED IN THE US





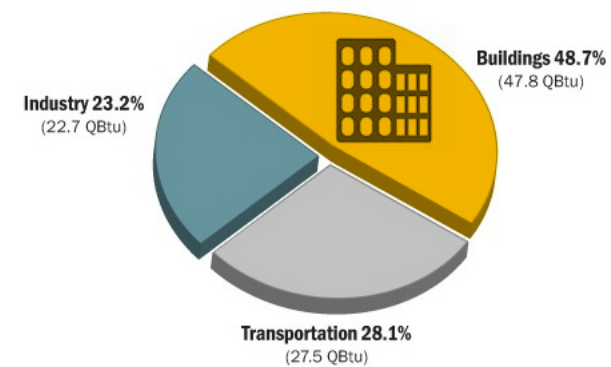
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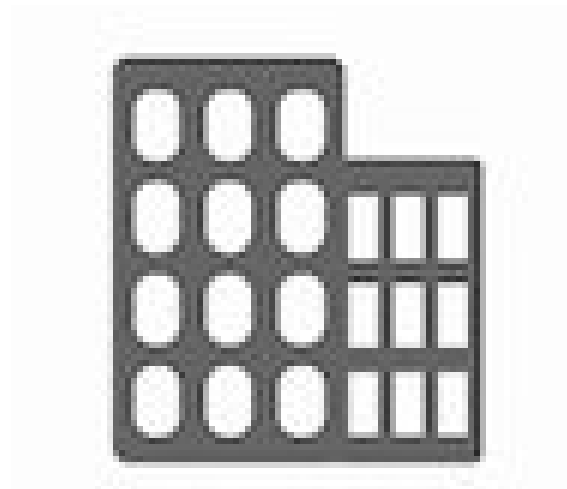
U.S. Electricity Consumption by Sector

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U.S. Energy Consumption by Sector

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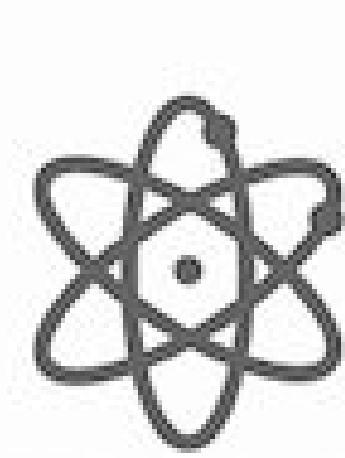
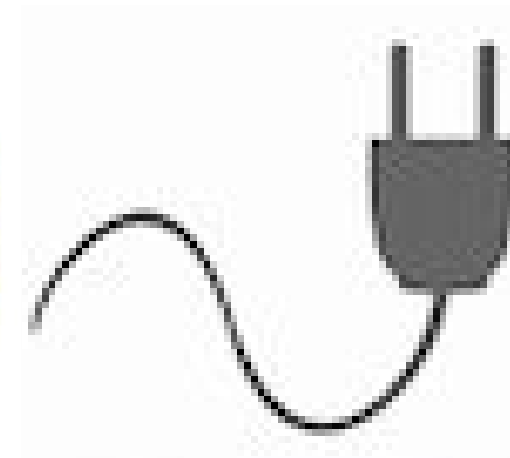


BUILDINGS
BUILDINGS
BUILDINGS

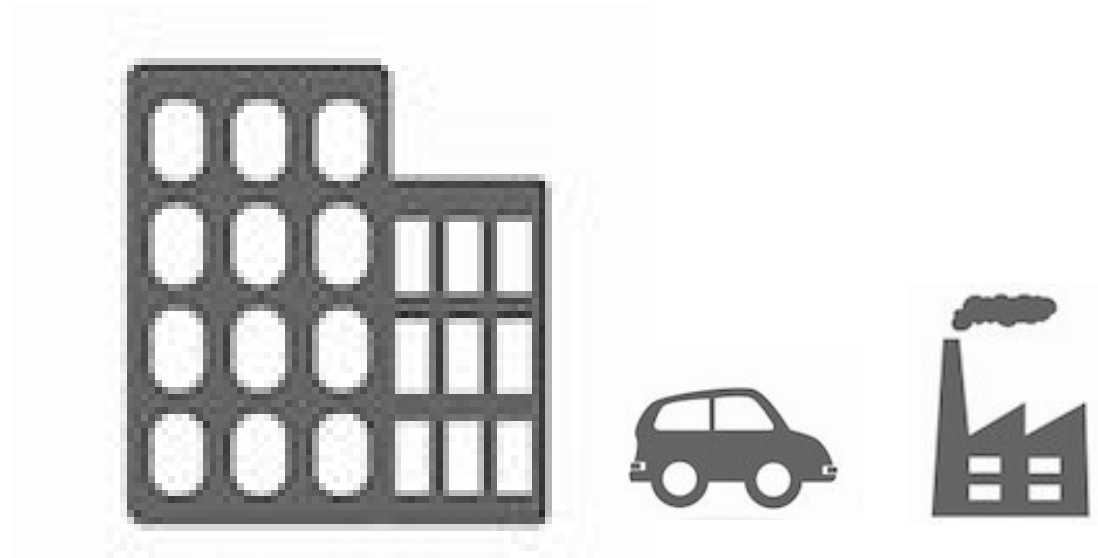
EMIT **47%** OF CO₂ PRODUCED IN THE US

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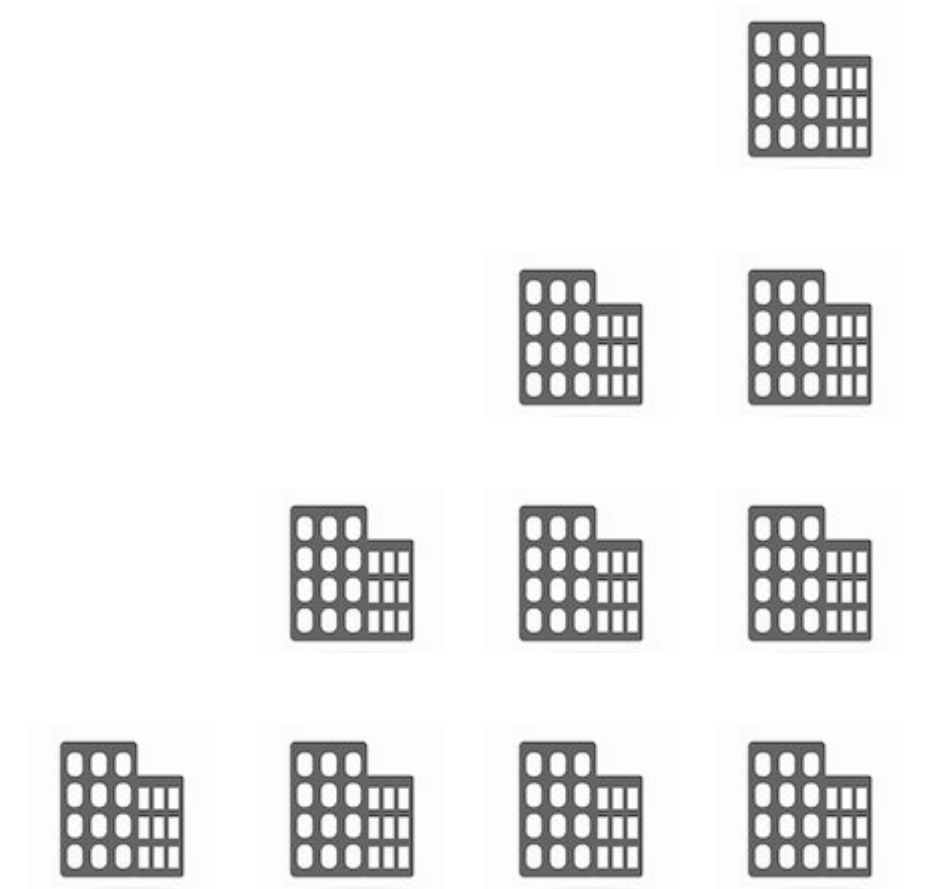
CONSUME **49%** OF ENERGY PRODUCED IN THE US



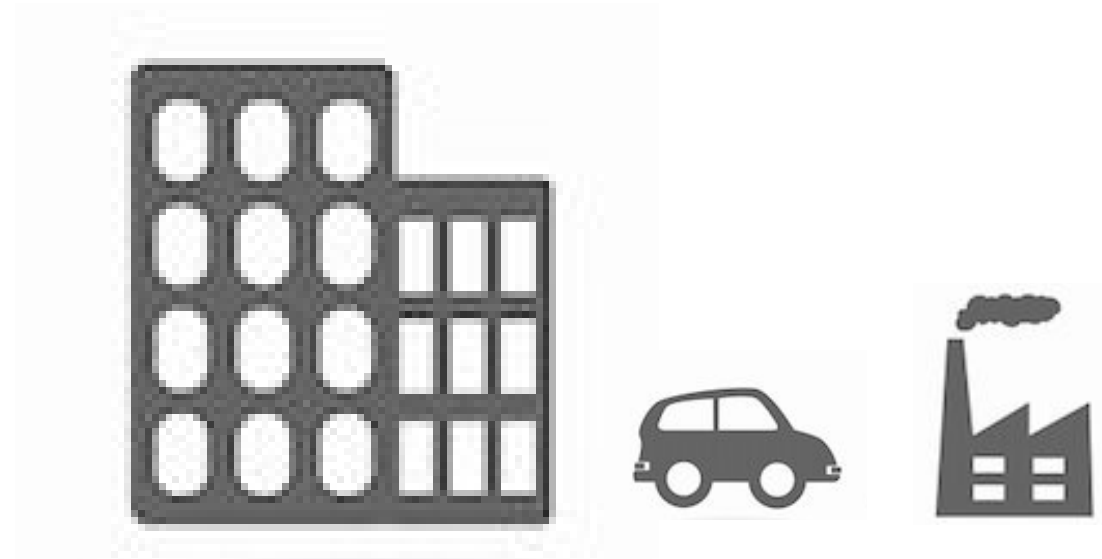
**BUILDINGS NEGATIVELY IMPACT CLIMATE CHANGE
MORE THAN CARS AND FACTORIES COMBINED.**



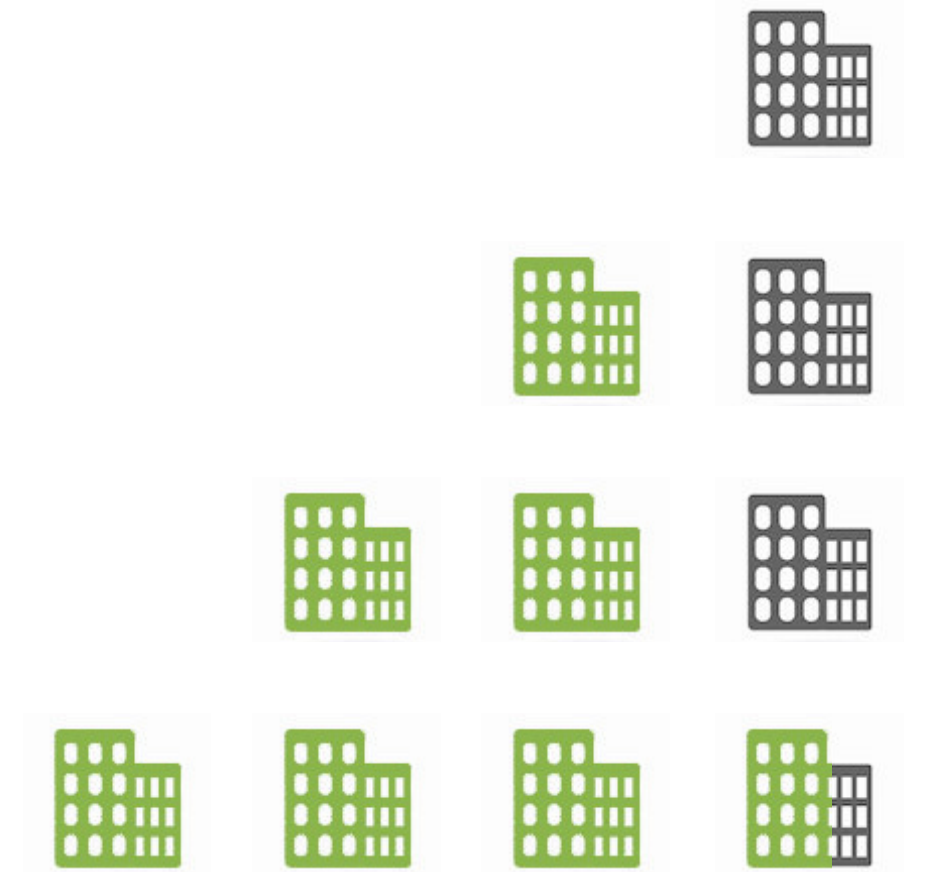
**WE BUILD 10 BILLION SQUARE FEET
OF SPACE EACH YEAR.**



**BUILDINGS NEGATIVELY IMPACT CLIMATE CHANGE
MORE THAN CARS AND FACTORIES COMBINED.**



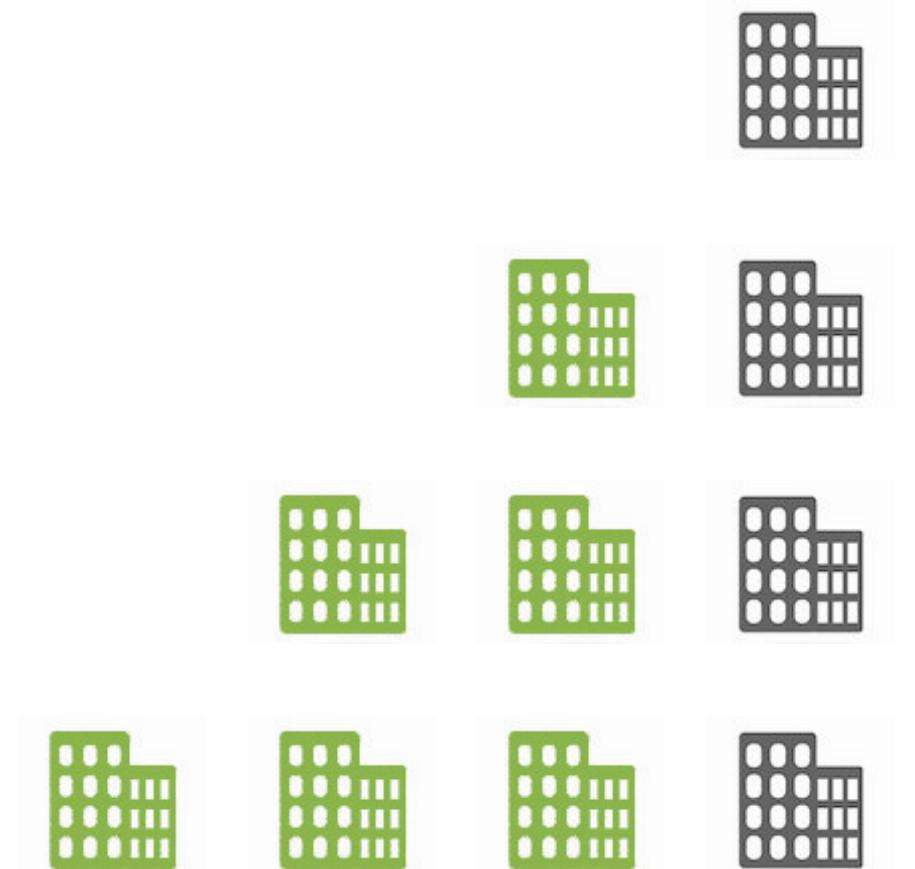
**75% of the BUILT ENVIRONMENT WILL BE
NEW OR RENOVATED by 2035**



TODAY 60% of BUILDINGS ARE CARBON-NEUTRAL.
release very little to no carbon to operate



the ARCHITECTURE2030 CHALLENGE

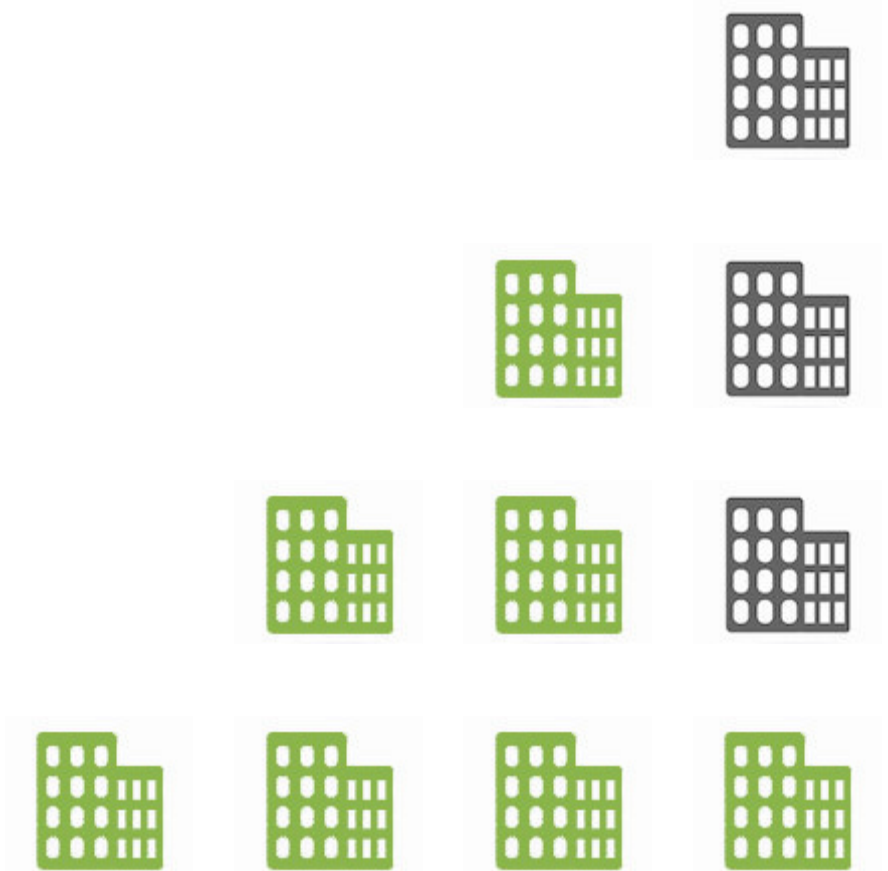


2015 70% of BUILDINGS ARE CARBON-NEUTRAL.

release very little to no carbon to operate



the ARCHITECTURE2030 CHALLENGE

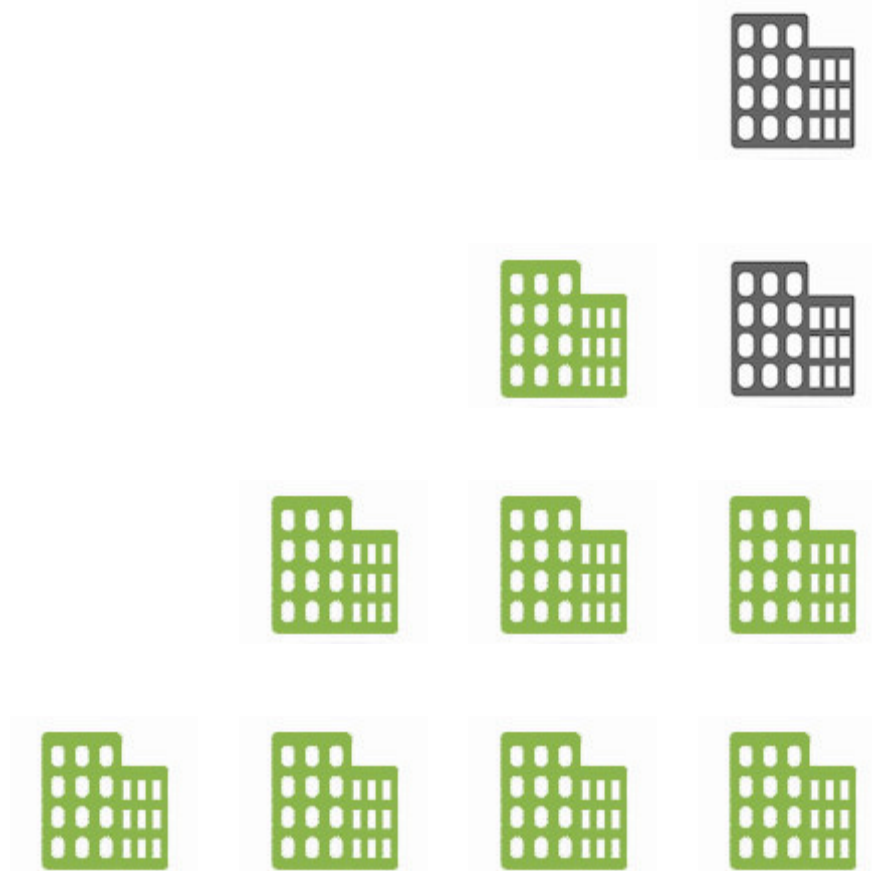


2020 80% of BUILDINGS ARE CARBON-NEUTRAL.

release very little to no carbon to operate



the ARCHITECTURE2030 CHALLENGE

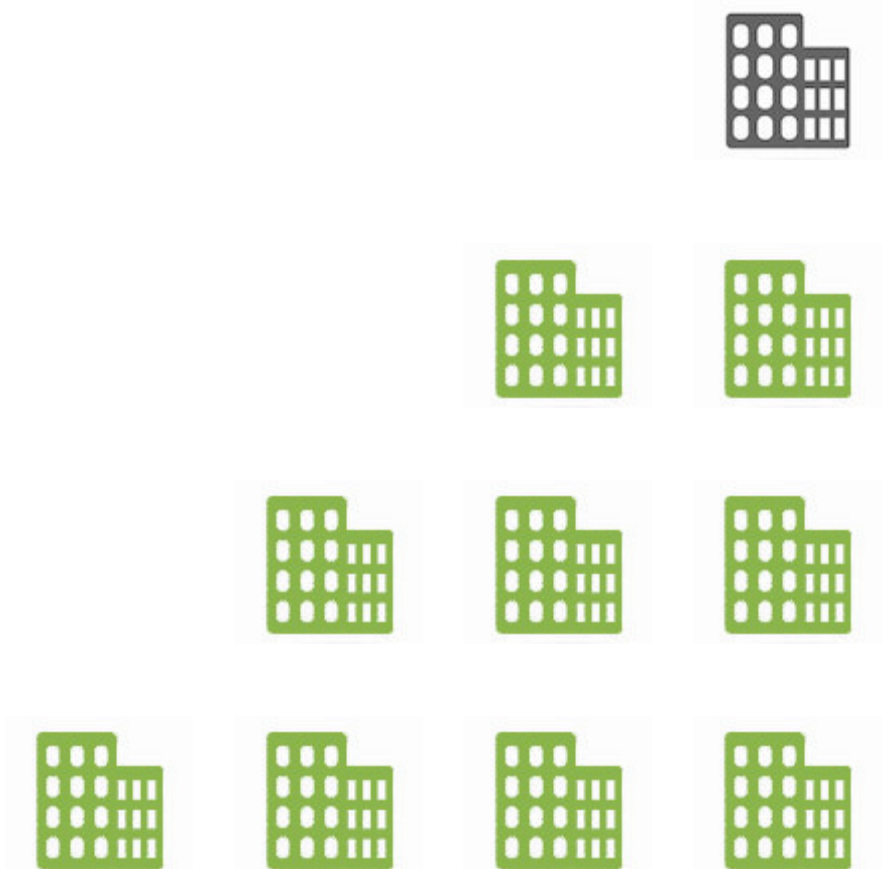


2025 90% of BUILDINGS ARE CARBON-NEUTRAL.

release very little to no carbon to operate



the ARCHITECTURE2030 CHALLENGE

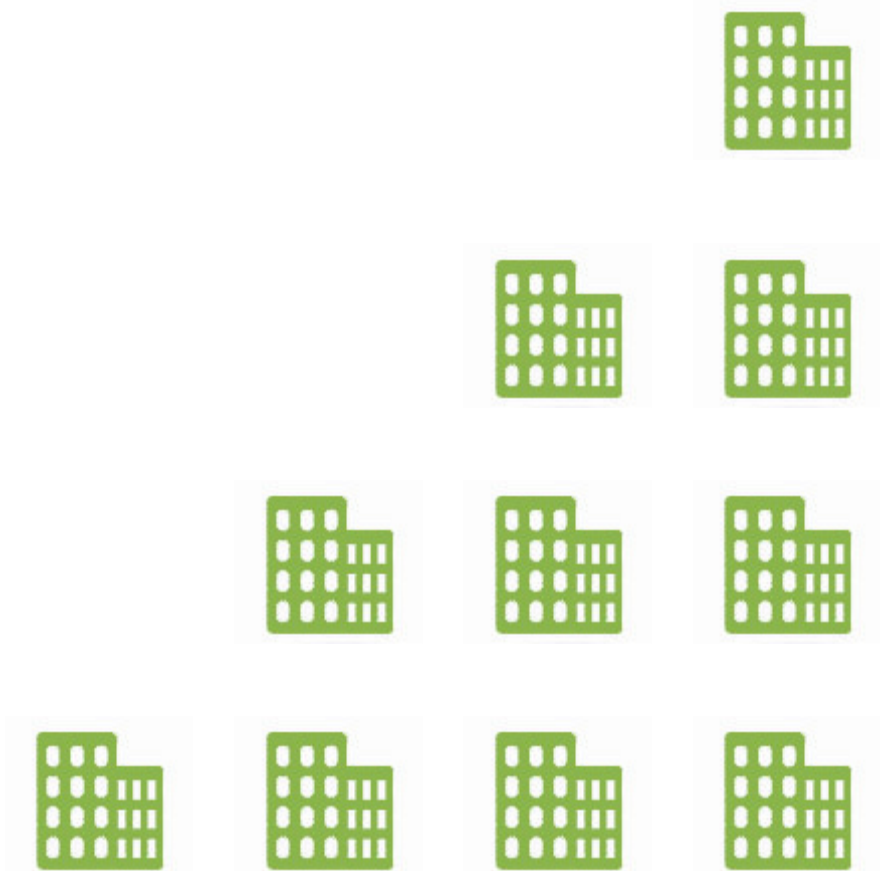


2030 100% of BUILDINGS ARE CARBON-NEUTRAL.

release very little to no carbon to operate



the ARCHITECTURE2030 CHALLENGE



We think in CHINA...

by 2035, 221 cities will have
1 million people, 30 will have 5 million people



Can China accept the challenge to go Carbon Neutral
when building for millions?

