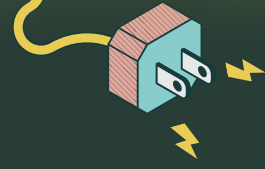


ELECTRIFICATION

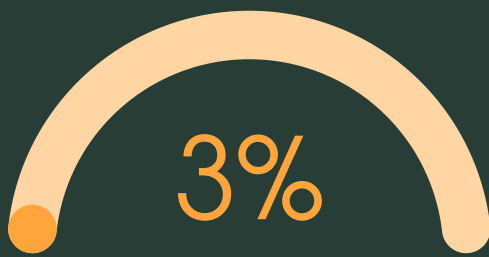
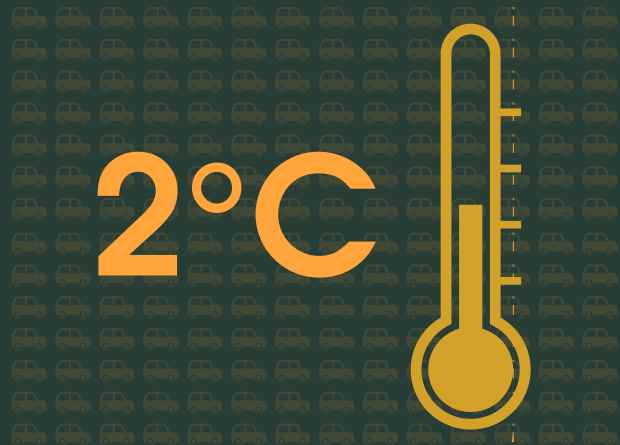
IS NOT A

~~SILVER BULLET~~



The 2015 Paris accord set a 2 degrees target goal. The United States pledged to hit this target by encouraging electric vehicle (EV) purchases.

Researchers found to reach this goal a total fleet of **350 million light commercial EVs** would need to be on the road by 2050.



NUMBER OF EV IN 2018

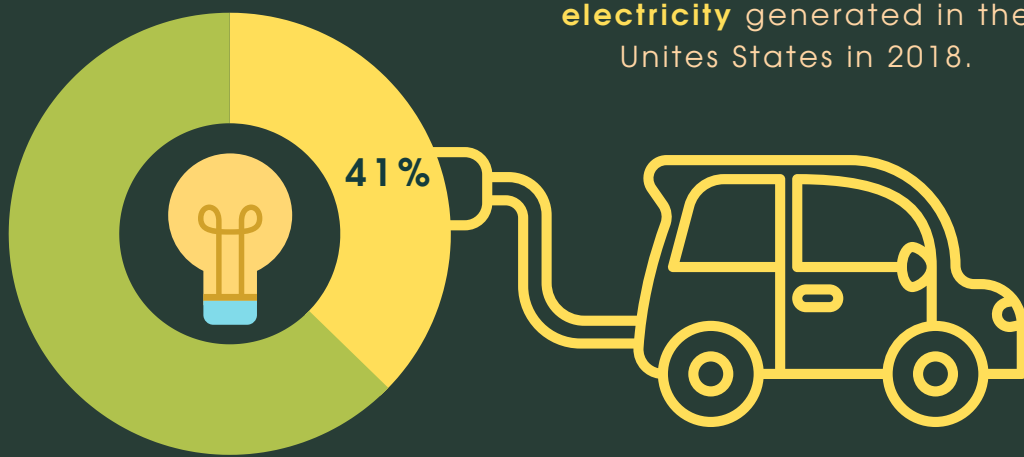
In 2018, the total number of passenger electric vehicles sales represented about 2.5% of all light commercial vehicles sales in the United States.



2050 EV GOAL

With current goals and policies, electric vehicles will need to represent nearly **100%** of all new light commercial vehicles on the road by 2050 or earlier.

ELECTRICITY GENERATED IN 2018



The power needed to operate this many EVs would be equivalent to **41% of all electricity** generated in the United States in 2018.

DEMAND WILL SKYROCKET FOR LITHIUM BATTERIES

This many electric vehicles will more than likely lead to shortages in many materials necessary to produce lithium batteries, such as lithium, cobalt, and manganese



"Tackling climate change is not a one-country, one-sector or one-technology job."