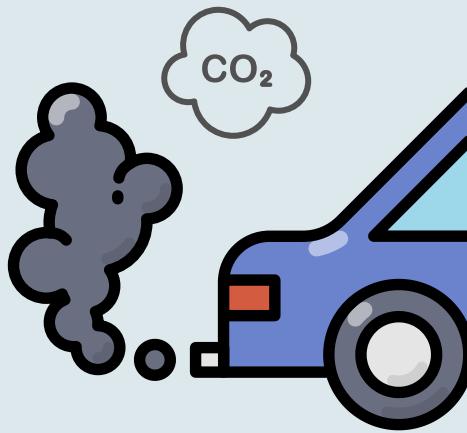


Maine's Transportation Emissions

What's Included in the Transportation Sector?

The Transportation sector encompasses the movement of people and goods by car, truck, train, ship, aircraft, and other vehicles.



How Does Transportation Impact Climate Change?

Transportation is responsible for

54%

of Maine's annual Greenhouse Gas Emissions

Increasing GHG emissions results in rising temperatures, sea-level rise and other climate-related hazards



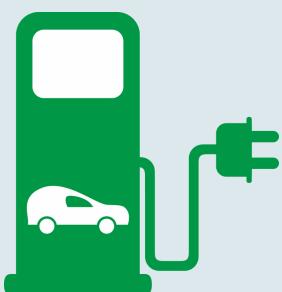
Human activities are causing unprecedented challenges associated with climate change - particularly the combustion of fossil fuels, which emits carbon dioxide (CO2) and other greenhouse gases.

Freeport Transportation Emissions in 2020

56,812 Metric Tons of CO2e

4.2%

of total emissions in Cumberland County



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Maine's Transportation Emissions

How to Take Action

- Step 1: Complete an Emissions Inventory
- Step 2: Reduce Vehicle Miles Traveled (VMTs)
- Step 3: Transition Municipal Fleets to Electric and Encourage Wide-Spread Adoption of EVs

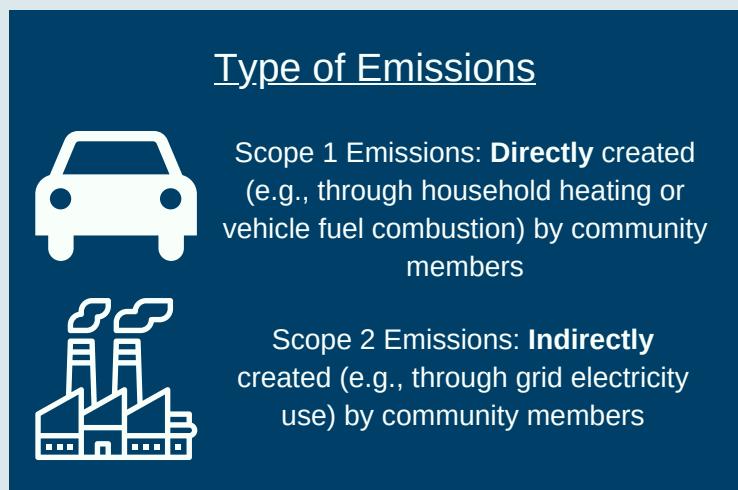


Identify & Inventory Emissions

What's an Emissions Inventory?

An emissions inventory lists the quantity of air pollutants discharged into the air over a specified period of time, grouped by the source of the pollutants

Emissions: Carbon dioxide (CO₂), methane (CH₄) and nitrous oxide (N₂O)



Reduce VMTs

Adopt policies, programs and regulatory changes that promote public transit, biking, and walking (e.g., complete streets)



Build infrastructure to encourage transit ridership (bus shelters, benches, etc.)



Transition to Electric

Municipal EV Toolkit



Transition existing public transit and municipal fleet vehicles with electric vehicles

59%

of Maine's transportation emissions are from light-duty passenger cars and trucks

(The remaining 27% are from medium- and heavy-duty trucks, and the remaining 14% come from rail, marine, aviation, and utility equipment vehicles).