



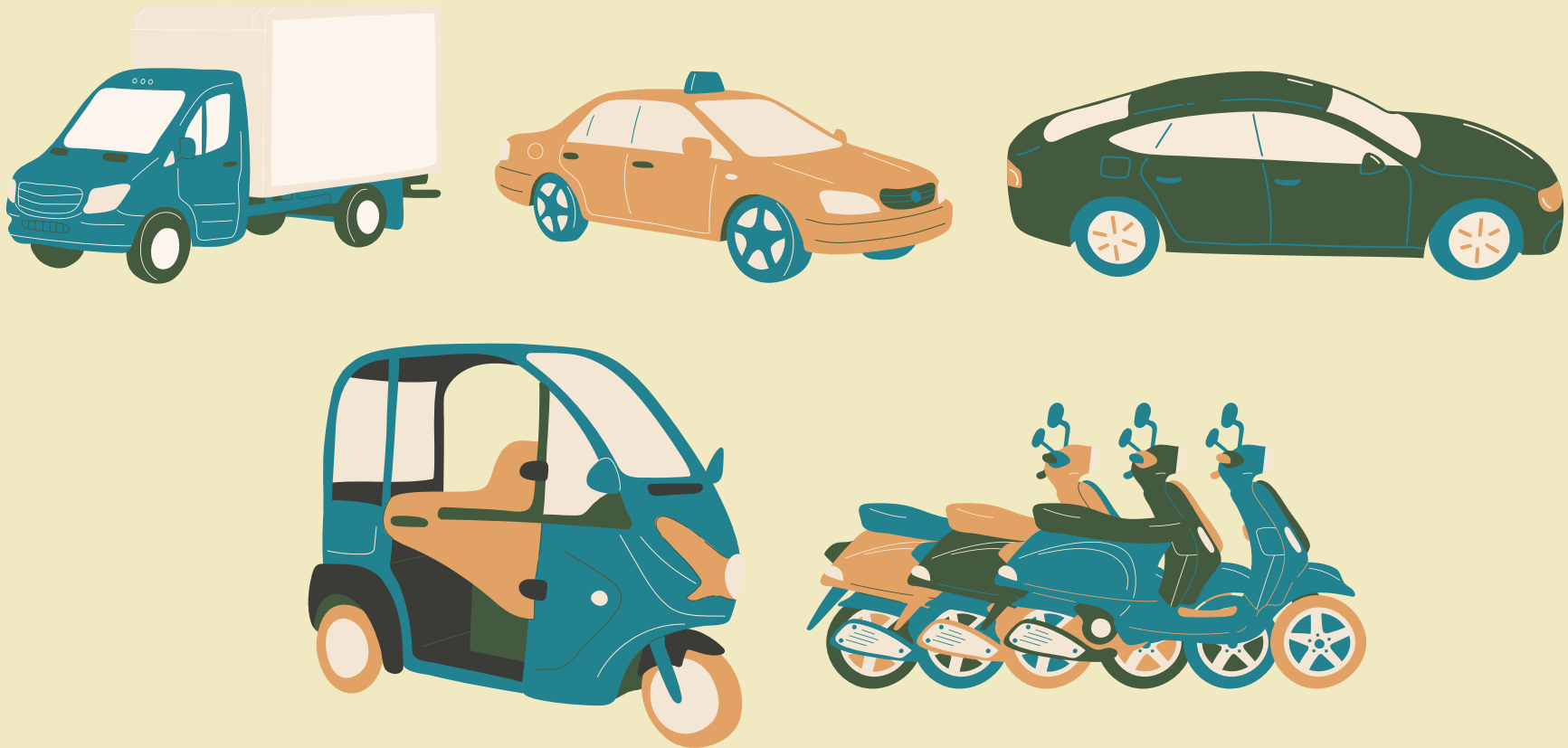
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WHAT ARE FLEET VEHICLES?

Fleet vehicles are groups of motor vehicles owned or leased by entities such as businesses, government agencies, and the like!



Think car rental companies, government vehicles, and transportation services!

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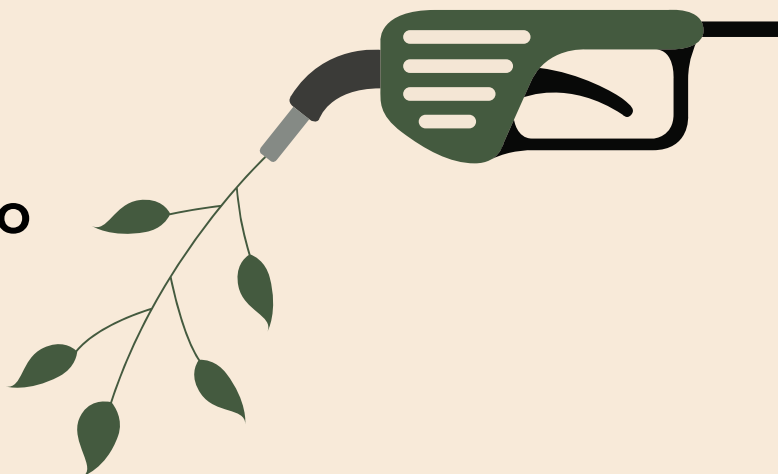


THE CONNECTION OF FLEETS TO CLIMATE CHANGE

Ground transportation makes up ~50% of the energy we use from fossil fuels (mostly petroleum) in Hawai'i and contributes to about half of our total emissions.

Green fleets

use “green” fuels (like biodiesel or electricity) to function, removing the dependency from fossil fuels (like petroleum).



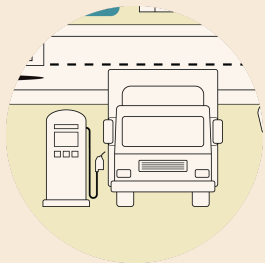
To keep greenhouse gas emissions (GHGs) down, we need to use as little of it as possible—through **efficiency, green fuels, and using different modes of travel.**

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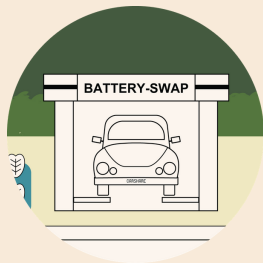


THE COMMISSION IS HELPING TRANSITION GOVERNMENT FLEETS TO CLEANER ALTERNATIVES!

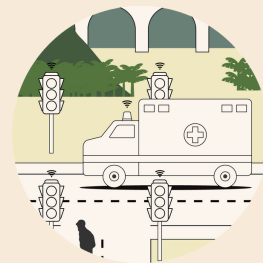
From conversations within the Department of Land and Natural Resources (DLNR), the Commission created a “**Clean Fleets Toolbox**” to support this transition.



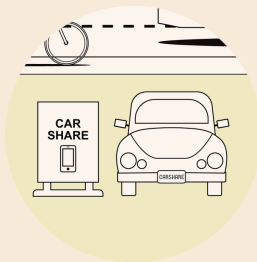
Biodiesel



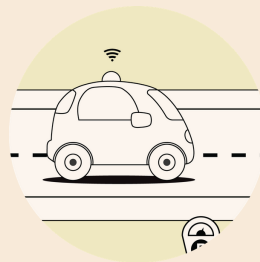
Electric Vehicles



Diesel Reduction



Fleet Tools



Web Discussion

This toolbox aids fleet managers to figure out the various options available to them!

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BIODIESEL

Decreases dependence on petroleum by moving towards cheaper, locally produced renewable fuel manufactured from new/used vegetable oil, animal fats, and recycled restaurant grease.



ELECTRIC VEHICLES (EVs)

EVs are ~4 times more energy efficient than vehicles that rely on gasoline for fuel. EV models are also expected to triple in 4 years as battery prices are declining, making the adoption of EVs more affordable (see our previous post on EVs)!



DIESEL REDUCTION

The Diesel Emissions Reduction Act (DERA) provides funds to agencies to replace eligible old diesel vehicles to improve air quality by reducing harmful emissions from diesel engines.

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HAWAI‘I IS A LEADER IN CLIMATE CHANGE, RENEWABLE ENERGY GOALS AND TRANSPORTATION GOALS!



Hawai‘i Clean Energy Initiative – Achieve 100 percent clean energy by 2045



All four counties have pledged to transition all **ground transportation to run on renewable resources by 2045**



Hawai‘i has joined 15 other states in a pledge to ensure all **new Medium Duty and Heavy Duty Vehicles sales be zero emission vehicles by 2050**



THE GLOBAL GOALS

The **Aloha+ Dashboard** shows Hawaii’s progress towards the UN’s Sustainable Development Goals

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RESOURCES

Fleet Tools for Public Fleet Managers | *State Climate Commission*

[climate.hawaii.gov/hi-goals]

Decreasing battery costs make adoption to EVs more affordable | *Utility Dive*

[bit.ly/EVbatterycost]

HI Clean Energy Initiative | *HSEO*

[bit.ly/HIcleanenergy]

HI pledges to zero emission MHDVs | *HSEO*

[bit.ly/zeroem-mhdv]

Aloha+ Dashboard

[alohachallenge.hawaii.gov/]

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