



**STATE OF HAWAII
STATE PROCUREMENT OFFICE**

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TESTIMONY
OF
BONNIE KAHAKUI, ACTING ADMINISTRATOR
STATE PROCUREMENT OFFICE

TO THE SENATE COMMITTEES
ON
TRANSPORTATION
AND
ENERGY, ECONOMIC DEVELOPMENT, AND TOURISM
FEBRUARY 12, 2021, 3:30 P.M.

SENATE BILL 920
RELATING TO STATE LIGHT DUTY VEHICLES

Chair Lee, Chair Wakai, Vice Chair Inouye, Vice Chair Misalucha, and members of the committees, thank you for the opportunity to submit testimony on SB920. The State Procurement Office (SPO) offers the following comments and recommendations:

COMMENTS: Chapter 103D, Hawaii Revised Statutes, the Hawaii Public Procurement Code (Code), is meant for general procurement methods and high-level guidance. It should not be a receptacle for all industry-specific specifications or goals as this will, over time, create a vast, and complicated Code that will confuse buyers because they will not be able to trust that specifications are in the respective chapter and procurement specific requirements are lost within the sea of specifications or goals.

RECOMMENDATION:

The SPO proposes the following changes to Section 3, page 3 lines 14-17.

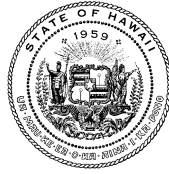
"§103D-412 Light duty and other motor vehicle requirements.
(a) the procurement policy for all agencies purchasing or leasing light duty motor vehicles shall be to reduce dependence on petroleum for transportation energy[.] and meet the clean ground transportation goal that one hundred per cent of light-duty motor vehicles of each fleet shall be zero emission vehicles by December 31, 2030.

The SPO also proposes the revision of Section 4, page 6, lines 3-6 to read as follows:

(e) Vehicles acquired from another state agency and excluded vehicles are exempt from the requirements of this section[.] ~~but shall be included in the calculation of the clean ground transportation goals established in subsection (a).~~

Thank you.

DAVID Y. IGE
GOVERNOR



CURT T. OTAGURO
COMPTROLLER
AUDREY HIDANO
DEPUTY COMPTROLLER

STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
P.O. BOX 119, HONOLULU, HAWAII 96810-0119

WRITTEN TESTIMONY
OF
CURT T. OTAGURO
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
TO THE SENATE COMMITTEES ON
TRANSPORTATION
AND
ENERGY, ECONOMIC DEVELOPEMNT AND TOURISM

FRIDAY, FEBRUARY 12, 2021, 3:30 P.M.
CONFERENCE ROOM 224

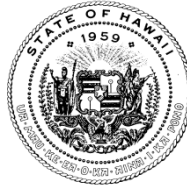
S.B. 920

RELATING TO STATE LIGHT DUTY VEHICLES.

Chairs Lee and Wakai, Vice Chairs Inouye and Misalucha and members of the Committees, thank you for the opportunity to testify on S.B. 920.

The Department of Accounting and General Services (DAGS) supports S.B. 920 which helps the State's clean transportation goals. Vehicle company productions are slowly building up these sustainable vehicles and the driving range and battery are improving every year. The goal of zero-emission is attainable with the initiatives put forth by vehicle manufacture company's such as General Motors and Nissan ramping up production. Unlike past electric vehicles, these vehicles are becoming more reliable.

Thank you for the opportunity to testify on this matter.



TESTIMONY BY:

JADE T. BUTAY
DIRECTOR

Deputy Directors
LYNN A.S. ARAKI-REGAN
DEREK J. CHOW
ROSS M. HIGASHI
EDWIN H. SNIFFEN

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

February 12, 2021
3:30 P.M.
State Capitol, Teleconference

S.B. 920
RELATING TO STATE LIGHT DUTY VEHICLES

Senate Committee on Transportation

The Department of Transportation (DOT), **supports** this bill that requires State owned transportation fleets to transition to one hundred percent clean ground transportation by establishing a goal to transition all light duty vehicles powered by renewable energy source by December 31, 2030.

The State Department of Transportation, Highways Division is currently in the process of converting light duty vehicle to electric through a lease agreement that has recently been executed with an electric vehicle provider who will also be providing supporting electrical charging equipment. The agreement is available for all State agencies, Counties, and University of Hawaii to utilize for their electric vehicle conversion needs. Highways Division has taken steps to reduce its carbon footprint by converting all highway and building lighting to energy efficient devices, installing photovoltaic systems at all baseyard facilities, utilizing higher quality AC with longer life, requiring that all concrete on our system be CO2 entrained, using cementitious epoxy coatings to extend the life of our structures, moving away from building new roads and using technology to improve the system we have, and piloting new technologies like plastics in pavements.

Thank you for the opportunity to provide testimony.



To: The Senate Committee on Transportation
and
The Senate Committee on Energy, Economic Development, and Tourism
From: Sherry Pollack, 350Hawaii.org
Date: Friday, February 12, 2021, 3:30pm

In support of SB920

Aloha Chairs Lee and Wakai, Vice Chairs Inouye and Misalucha, and members of the TRS and EET committees,

I am Co-Founder of the Hawaii chapter of 350.org, the largest international organization dedicated to fighting climate change. 350Hawaii.org **supports SB920 with some suggested amendments.**

Establishing clean ground transportation goals for state agencies to achieve a one hundred per cent light-duty motor vehicles zero-emission fleet by December 31, 2030 would significantly reduce carbon emissions, increase the number of zero-emission vehicles entering the secondary market, making them more affordable to more Hawaii residents, and demonstrates to all who visit the State that Hawaii is a leader in clean energy and sustainable transportation.

However, the definition of "zero-emission vehicle" should not include plug-in hybrid electric vehicles. The legislature has the opportunity—and the power—to mandate very significant use of **real** zero-emission vehicles with this bill. Don't water it down by allowing sort-of-clean vehicles. Vehicles should be fully electric or hydrogen ones, not ones that will perpetuate our importation of fossil fuels.

Secondly, the definition of "fuel cell electric vehicle" should specify hydrogen made from renewable sources. Hydrogen can be produced in many ways, including by burning fossil fuels.

Thirdly, we strongly urge this bill remove all fossil fuels, such as natural gas and liquefied petroleum gas, and list only nonclimate-harming fuels under the definition of 'alternative fuels'. Natural gas and liquefied petroleum gas, for example, are dirty fossil fuels that contain methane which is actually a far more potent greenhouse gas than carbon dioxide and have no place in our clean energy future. As previously stated, the legislature has the opportunity and the power to mandate very significant use of **real** zero-emission vehicles with this bill. These times require strong and decisive leadership.

Zero-emission vehicles are better for the environment and the economy. They are the future for Hawaii and the State's motor vehicle fleet is a logical place to accelerate progress on EV adoption statewide.

Thank you for the opportunity to testify in strong support of this very important bill.
Sherry Pollack
Co-Founder, 350Hawaii.org

SB-920

Submitted on: 2/10/2021 8:50:28 AM

Testimony for TRS on 2/12/2021 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Justin Carvalho	Testifying for Mission Zero Hawaii	Support	No

Comments:

To the Leaders of Hawaii,

On behalf of Mission Zero Hawaii, Hawaii's largest electric car rental business based out of Kauai, I write in strong support of SB920.

Justin Carvalho

SB-920

Submitted on: 2/10/2021 3:25:11 PM

Testimony for TRS on 2/12/2021 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Sonja Kass	Testifying for KauaiEV	Support	No

Comments:

Aloha Senators,

On behalf of KauaiEV, a grassroots organization with over 100 members on Kauai, I write in strong support of HB920. Our members are electric vehicle drivers, we believe that EVs are the personal transportation of the future. Electric vehicles significantly reduce greenhouse gas emissions as well as our dependence on imported fossil fuels.

To reach Hawaii's climate goals and in order to combat climate change and sea level rise we need to move away from burning fossil fuels as soon as possible. If the state sets a good example counties, businesses and citizens will follow. Every year more models come to market, including SUVs and soon to include pickup trucks, it should be easy or state agencies to purchase electric vehicles that fit their needs.

EVs are very efficient and Hawaii's warm weather is ideal for them. Several of our members get 170 - 180 miles per gallon equivalent, so EVs are far less polluting and cheaper over their lifetime. As our island grids are powered by more and more renewables EVs get even cleaner! A recent consumer report also found EV maintenance costs are half as much as a gas car's.

Please support **SB920**

Mahalo

Sonja Kass, president KauaiEV

SB-920

Submitted on: 2/10/2021 3:28:47 PM

Testimony for TRS on 2/12/2021 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Sonja Kass	Testifying for Hawaii EV Association	Support	No

Comments:

Aloha Senators,

On behalf of Hawaii EV, I write in strong support of SB920.

In order to reach Hawaii's sustainable transportation and climate goals, we have to electrify ground transportation on our islands as soon as possible. Thankfully, automakers are heeding the demand for zero-emission vehicles and are providing choice and affordability. It should be easy for state agencies to purchase electric vehicles that fit their needs. The state must take the initiative to lead the effort to decarbonize and set an example for citizens, counties and business fleets.

EVs are very efficient and Hawaii's warm weather is ideal for them. Only 16% - 25% of the energy from the fuel in a conventional vehicle gets to the wheels and 70% or more of the energy is wasted (<https://www.fueleconomy.gov/feg/atv.shtml>). EVs get 86% - 90% of the energy to the wheels. (<https://www.fueleconomy.gov/feg/atv-ev.shtml>), thus far less polluting and cheaper over their lifetime. As our island grids are powered by more and more renewables over time EVs get even cleaner! A recent consumer report also found EV maintenance costs are half as much as a gas car's.

Please support **SB920**

Mahalo

Sonja Kass, Director



Email: communications@ulupono.com

SENATE COMMITTEES ON TRANSPORTATION AND ENERGY, ECONOMIC DEVELOPMENT, &
TOURISM

Friday, February 12, 2021 — 3:30 p.m.

Ulupono Initiative supports SB 920, Relating to State Light Duty Vehicles.

Dear Chair Lee, Chair Wakai, and Members of the Committees:

My name is Micah Munekata, and I am the Director of Government Affairs at Ulupono Initiative. We are a Hawai'i-focused impact investment firm that strives to improve quality of life throughout the islands by helping our communities become more resilient and self-sufficient through locally produced food; renewable energy and clean transportation; and better management of freshwater and waste.

Ulupono supports SB 920, which establishes clean ground transportation goals for state agencies to achieve a one hundred per cent light-duty motor vehicles zero-emission fleet by December 31, 2030.

Ulupono supports Hawai'i's reduction of fossil fuel use as we strive to meet the State's 100% renewable goal by 2045. This measure seeks to make a large impact on the renewable energy goal by transitioning State and public light-duty vehicles to vehicles powered by renewable energy sources.

Ulupono finds that zero-emission vehicles (ZEVs) are an important avenue to address Hawai'i's pressing climate issues and align with the State's energy and environmental goals. ZEVs currently offer an effective option to advance clean, renewable ground transportation and provide immediate benefits to Hawai'i.

EV sales grew by more than 40% in 2020, but ZEVs still only represent about one percent of all passenger vehicles in the state. We strongly support the State setting goals to transition State-owned light-duty vehicles. We believe this is an important market signal as the State competes in the global vehicle market and further showcases Hawai'i's commitment to decarbonize our economy.

Furthermore, this bill begins to align the State with stronger prohibitions and commitments made around the globe.

In fact, the Governor of California recently signed an executive order to eliminate the sale of new gas cars and trucks by 2035. California joins a multitude of countries and cities across

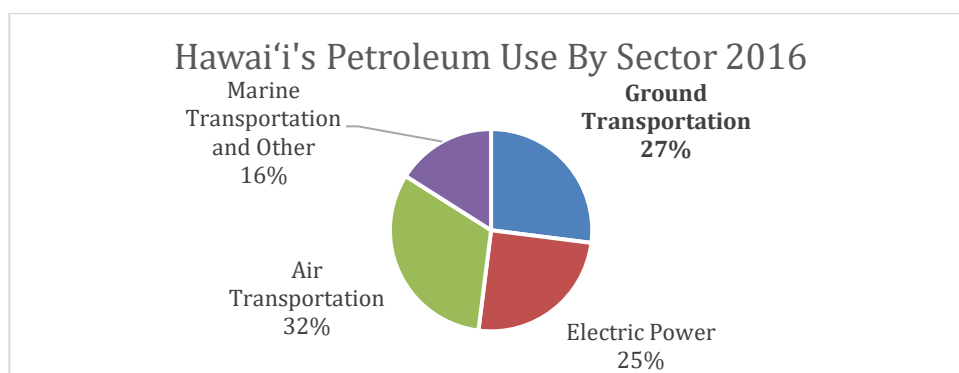
Investing in a Sustainable Hawai'i

Europe, as well as China and British Columbia, who have taken similar measures to eliminate the sale of new fossil fuel vehicles with target dates ranging from as soon as 2025 to 2040.

Auto manufacturers are also making similar commitments. Most recently, Nissan committed to having every new vehicle in major markets (including the US) be electrified by the early 2030s. Last week, General Motors (GM) committed to stop making gasoline and diesel cars, vans and SUVs by 2035.

EVs Provide Immediate Energy and Environmental Impact

Ground transportation alone utilizes more than a quarter of the state's imported petroleum. Electrifying ground transportation will reduce our demand for imported fossil fuels, keeping millions of dollars in the state and cutting harmful pollution.



Source: Hawai'i State Energy Office – Hawai'i Energy Facts & Figures

Converting from petroleum-based vehicles to EVs immediately reduces greenhouse gas (GHG) emissions, helping combat climate change and its impacts on our islands. EVs produce zero-emissions at the tailpipe, and even when full lifecycle emissions (from manufacturing through disposal) are considered, EV emissions are approximately 50 percent lower than internal combustion engine (ICE) vehicles.

EVs can also support the integration of more renewables on the electric grid with smart charging technology and rate structures. Thus, proliferating EVs throughout Hawai'i can help accelerate progress towards the State's 100 percent RPS goal, as well as contribute to the State's Paris Agreement commitments and carbon neutral goal.

This bill is an important measure for the State to push for the decarbonization of our economy, while continuing to show the world that Hawai'i is a clean energy leader.

Thank you for this opportunity to testify.

Respectfully,

Micah Munekata
Director of Government Affairs



**Hawaiian
Electric**

**TESTIMONY BEFORE THE SENATE COMMITTEE ON
TRANSPORTATION
AND
COMMITTEE ON ENERGY, ECONOMIC DEVELOPMENT, AND TOURISM**

SB 920

Relating to State Light Duty Vehicles

February 12, 2021
3:30 PM, Agenda Item # 2
State Capitol, Conference Room 224 / VIDEO CONFERENCE

June Chee
Program Manager, Electrification of Transportation
Hawaiian Electric Company, Inc.

Aloha Chairs Lee and Wakai, Vice Chairs Inouye and Misalucha, and Committee Members,

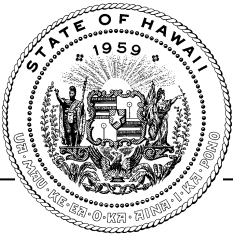
My name is June Chee and I am testifying on behalf of Hawaiian Electric Company **in support of and providing suggested amendments for SB920**, Relating to State Light Duty Vehicles. Hawaiian Electric Company supports this measure because it will strengthen Hawaii's commitment to clean ground transportation and help drive investment resulting in quantifiable emissions reductions. The Company supports the legislature's substantial commitment to decarbonizing the ground transportation sector by transitioning the State's light duty vehicle fleet to one hundred per cent zero-emission vehicles by December 31, 2030.

Facilitating the electrification of transportation is one of the Company's top priorities established in our *Electrification of Transportation Strategic Roadmap*. The Company has focused its planning for the coming influx of electric vehicles through electrification of transportation programs such as EV-specific rates to encourage daytime charging; an electric bus make ready infrastructure pilot; our proposed Charge Ready

Hawai'i pilot to provide make ready infrastructure support to commercial properties and multi-unit dwellings; and a request to expand our public charging network. These programs can assist the State's transition to a zero-emission motor pool as electric vehicle charging infrastructure will need to be deployed to accommodate the vehicles.

The Company provides suggestions on Page 7, line 8 to include, "Promote efficient operation of vehicles including efficient planning of charging station locations and day-time charging for electric vehicles;" and on Page 7, section 8 and Page 8, section 9 to also include the data collection of "Electric vehicle charger use".

Thank you for this opportunity to testify.



HAWAII STATE ENERGY OFFICE STATE OF HAWAII

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Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804

Telephone: (808) 587-3807
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Web: energy.hawaii.gov

Testimony of
SCOTT J. GLENN, Chief Energy Officer

before the
**SENATE COMMITTEE ON TRANSPORTATION AND
SENATE COMMITTEE ON ENERGY, ECONOMIC DEVELOPMENT, AND TOURISM**

Friday, February 12, 2021
3:30 P.M.

Senate conference room via videoconference

Comments in support of
SB 920
RELATING TO STATE LIGHT DUTY VEHICLES.

Chair Lee and Wakai, Vice Chair Inouye and Misalucha, and Members of the Committees, the Hawaii State Energy Office (HSEO) supports SB 920, which establishes clean ground transportation goals for state agencies to achieve a one hundred per cent light-duty motor vehicles zero-emissions fleet by December 31, 2030.

SB 920 aligns with the State's efforts to expand strategies and mechanisms to reduce greenhouse gas emissions through the reduction of energy use, adoption of renewable energy, and control of air pollution among all agencies, departments, industries, and sectors, including transportation. Emissions from ground transportation account for the largest share of energy sector emissions in the state. As noted in the 2016 Greenhouse Gas Inventory, transportation emissions in Hawaii were at 8.69 million metric tons of carbon dioxide equivalents, accounting for 51 percent of total energy sector emissions. Ground transportation accounted for 47 percent of the transportation emissions. For Hawaii to meet its statutory target "to sequester more greenhouse gases than emitted as soon as practicable but no later than 2045," policies that support the adoption of cleaner transportation options are necessary and tremendously important.

Accelerating the deployment of electric vehicles is an area of focus of the Hawaii Clean Energy Initiative Transportation Energy Analysis, prepared for HSEO by the International Council on Clean Transportation. It is important that the State take actions within its power to advance and align with the decarbonization policies of the State and the 2045 time frame identified in Chapter 225P, Hawaii Revised Statutes (HRS). Adopting targets for the conversion of the state fleet will be a material contribution to bolster the number of existing zero emission vehicles (ZEV) in Hawaii and sends a clear signal to the market about Hawaii's commitment to the decarbonization of the ground transportation sector. Depending on the definition of light duty vehicles, converting the state fleet could increase the number of ZEVs by over 10% from existing levels. SB 920 also appropriately aligns statutes for key agencies with a role in transitioning State fleets. HSEO will continue to coordinate with agencies including, but not limited to DOT, DAGS, and SPO to review statutory language to provide input on the combination of amendments that could efficiently transition the State's light duty vehicles. HSEO is also analyzing the state fleet data to support agencies identifying the segment of light duty vehicles that are ready for conversion in the near term.

Thank you for the opportunity to testify.



**SENATE COMMITTEE ON TRANSPORTATION
SENATE COMMITTEE ON ENERGY, ECONOMIC DEVELOPMENT, AND TOURISM**
February 12, 2021, 3:30 P.M.
Video Conference

TESTIMONY IN SUPPORT OF SB 920, SUGGESTED AMENDMENT

Aloha Chairs Lee and Wakai, Vice Chairs Inouye and Misalucha, and members of the Committees:

Blue Planet Foundation **supports SB 920**, which sets a planning goal to transition 100% of state light-duty fleets to zero-emission vehicles. This measure is a needed and important first step to ensure that Hawai'i is taking meaningful action to reduce greenhouse gas emissions in the ground transportation sector. This bill will help the state lead by example and promote alignment and collaboration in ongoing and future planning efforts.

Blue Planet recommends that the measure be amended to include a target for all light-duty vehicles in the state to be powered by renewable energy sources by at least 2045. Unlike several other states and countries across the globe, Hawai'i lacks a strong policy framework for shifting our lingering dependence on imported fossil fuel to power our ground transportation sector. The steady but incremental pace of clean vehicle adoption currently in the state is a result of this void. **To meet the challenge of climate change with the pace and scale required, Hawai'i must not continue along the business-as-usual trajectory. We need bold leadership to change course.**

Existing policies and initiatives have failed to reduce carbon emissions from Hawai'i's cars and trucks

While Hawai'i has made substantial progress on policies, programs, and actions to reduce burning fossil fuels in the electricity sector, **we are falling short on decarbonizing our ground transportation sector**. Greenhouse gas emissions from transportation have been climbing steadily for years prior to the coronavirus pandemic. In 2019, more gasoline was sold in the islands than in 2018.¹ Without deliberate and forward-thinking leadership, we risk accelerating this trend of increased transportation emissions as Hawai'i residents go back to school and the office and as tourists return, especially with lower than usual oil prices. In addition, the quicker we turn our private and public fleets over to electric, the faster we turn the spigot off that leaks

¹ "Monthly Energy Trends," DBEDT, accessed June 9, 2020, <http://dbedt.hawaii.gov/economic/energy-trends-2>.

billions out of our economy annually to buy gasoline. Mobility should be powered by homegrown power, not imported carbon.

Even today, over one million gasoline-powered vehicles are on the roads in Hawai'i—and from them comes nearly five million metric tons of climate-changing carbon pollution. Although we now have over 13,000 electric vehicles (EVs) on the state's roads, they still only make up a mere 1% of all registered vehicles in the state.² Hawai'i drivers are increasingly choosing larger, heavier vehicles, which are often less fuel efficient. According to the Hawaii Auto Dealers Association, pickup trucks and sport utility vehicles—still largely powered solely by fossil fuels—accounted for 69.2% of Hawai'i vehicle sales in 2019, a sharp increase from 48.7 per cent in 2012.³ Without a shift in policy, Hawai'i's reliance on fossil fuel for its transportation needs won't change. Senate Bill 920 can help Hawai'i shift this trajectory by setting planning targets for transitioning state fleets to zero-emission vehicles.

Others have already committed to a clean transportation future

In September 2020, California made headlines when Governor Gavin Newsom signed an executive order directing the state to require **all new cars and passenger trucks sold in California to be zero-emission vehicles by 2035**, after a summer of devastating wildfires fueled by climate-change-induced extreme weather. California joined the ranks of several countries who have also recognized that fossil fuel-powered ground transportation needs to end. **France** plans to phase out gas-powered car sales by 2040. **Britain announced in November that it will ban the sale of new gasoline and diesel cars by 2030**, a decade earlier than its previous commitment of 2040. **India, Netherlands, Israel, and Denmark** have set a similar goal for 2030. And **Norway** plans to have all new cars, buses, and light commercial vehicles be zero emission vehicles by 2025.

Auto manufacturers are similarly making bold commitments to phase out fossil-fuel-powered vehicles. **General Motors—one of the world's largest automakers**—announced in January 2021 that it would phase out petroleum-powered cars and trucks and **sell only vehicles that have zero tailpipe emissions by 2035**. As a mere sampling of other examples, Ford is launching all-electric versions of its popular Mustang (launching 2021) and F-150 (expected in 2022), and Volkswagen is targeting electric options for all of its vehicle models by 2030.

Conclusion

Through SB 920, the state government is leading by example and taking an important step forward by setting a goal to transition 100% of state light-duty fleets to zero-emission vehicles. Blue Planet recommends that the measure be amended to include a target for all light-duty vehicles in the state to be powered by renewable energy sources by at least 2045. Thank you for the opportunity to provide testimony.

² Ibid.

³ Hawaii Dealer, "Hawaii Auto Dealers Association, 2020 Spring Edition, https://issuu.com/traveler-media/docs/hawaiidealer_2020_spring_edition.



SanHi

GOVERNMENT STRATEGIES

A LIMITED LIABILITY LAW PARTNERSHIP

DATE: February 10, 2021

TO: Senator Chris Lee
Chair, Committee on Transportation

Senator Glenn Wakai
Chair, Committee on Energy, Economic Development, and Tourism

FROM: Gary Slovin / Tiffany Yajima

RE: **S.B. 920 – Relating to State Light Duty Vehicles**
Hearing Date: Friday, February 12, 2021 at 3:30 p.m.
Conference Room: 224

Dear Chair Lee, Chair Wakai, and Members of the Joint Committees:

On behalf of the Alliance for Automotive Innovation (“Auto Innovators”) we submit this testimony in support of S.B. 920.

The Alliance for Automotive Innovation is the singular, authoritative and respected voice of the automotive industry. Focused on creating a safe and transformative path for sustainable industry growth, the Alliance for Automotive Innovation represents the manufacturers producing nearly 99 percent of cars and light trucks sold in the U.S. Members include motor vehicle manufacturers, original equipment suppliers, technology, and other automotive-related companies and trade associations.

The Alliance supports state efforts to transition public fleets to zero-emission vehicles. Government support for ZEVs, EV charging infrastructure, and alternative fuel deployment is essential to the state’s overall transition to cleaner transportation. In the transition to 100 percent ZEV government fleets, state agencies can facilitate opportunities for private fleet electrification and can accelerate broader EV adoption among consumers. In addition, a statewide charging network would need to be built to fuel these vehicles and with government support could transform the state’s ZEV landscape by offering widespread access and compatibility in charging stations across the state.

Thank you for the opportunity to submit this testimony.

SB-920

Submitted on: 2/8/2021 2:03:32 PM

Testimony for TRS on 2/12/2021 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Ruta Jordans	Individual	Support	No

Comments:

The sooner the better. Government should show the way. Please support!

SB-920

Submitted on: 2/10/2021 8:47:22 AM

Testimony for TRS on 2/12/2021 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Justin R Carvalho	Individual	Support	No

Comments:

To the Leaders of Hawaii,

On behalf of myself a lifetime resident of Kauai, I write in strong support of SB920.

Justin Carvalho

SB-920

Submitted on: 2/10/2021 3:10:58 PM

Testimony for TRS on 2/12/2021 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Andrew Richard Kass	Individual	Support	No

Comments:

Aloha Senators,

As an environmentalist and EV driver, I encourage you to **support SB920**.

I have found that electric vehicles (EVs) are perfect for our islands: clean, quiet, and efficient. They are cheaper to maintain than gas cars, and they get much better mileage. The state should set the example and also lower its fleet costs with EVs.

Mahalo,

Andrew Kass

302 Makani Rd.
Kapaa, HI, 96746

Hawaii resident since 2003
EV driver since 2014

SB-920

Submitted on: 2/11/2021 12:24:05 PM

Testimony for TRS on 2/12/2021 3:30:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Steve Parsons	Individual	Support	No

Comments:

Aloha Committee Members,

I strongly support SB920! As do some Automotive CEO at least in principle. Recently Volvo's CEO said:, "electric cars are the future of personal transportation, putting a deadline for combustion-engined vehicle sales helps companies plan for EVs accordingly – and promote [EV adoption](#)." This helps manufacturers plan for demand.

A bigger reason is it will save the state Millions of dollars over time.For example, a recent study shows Nevada will save 20 Bllion swithching to EVs: <https://cleantechnica.com/2021/02/05/new-report-electric-vehicles-can-save-nevada-20-billion/>, so how many Millions does Hawaii lose if they don't pass this now.

Lastly, a MUCH bigger reason is to help the health of Hawaii's people and visitors. Forbes recently reported Fossil Fuel Pollution Kills 8.7 Million People a year, TWICE AS MANY AND PREVIOUSLY THOUGHT!!! I'm NOT ok with this <https://www.forbes.com/sites/scottcarpenter/2021/02/10/fossil-fuel-air-pollution-kills-nearly-as-many-as-cancer-study-finds/?sh=51e4c6c31dba> and neither should you be! I want you to be ANGRY about this too and ACT, PLEASE ACT!!! Oh, if you're looking for ways to save money: Ford's CEO recently explained how the All-Electric F-150, starting production next year, will save Fleet owners over 40%!!! Any fleet, Rentals, State, County, Police, Lifeguards, etc. In a budget shortfall? Here's a 40% savings you can put into motion, today! <https://cleantechnica.com/2020/09/17/electric-ford-f150-is-a-game-changer-for-fleets-with-a-40-lower-cost-of-ownership/> Thank you for your time in considering this great bill! It's a GREAT way to fight climate change that is currently Kicking our Okole: Big Time!!!

Imua>>>

Steve Parsons, Kauai Resident, Wailua