

**STATE OF HAWAII
OFFICE OF PLANNING
& SUSTAINABLE DEVELOPMENT**

JOSH GREEN, M.D.
GOVERNOR

SCOTT J. GLENN
INTERIM DIRECTOR

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Statement of
SCOTT GLENN, Interim Director
before the
HOUSE COMMITTEE ON FINANCE
Wednesday, March 29, 2023, 2:00 PM
State Capitol, Conference Room 308
in consideration of
SB 1024, SD 2, HD 1
RELATING TO TRANSPORTATION.

Chair Yamashita, Vice Chair Kitagawa, and Members of the House Committee on Finance:

The Office of Planning and Sustainable Development (OPSD) supports the intent and offers the following **comments** on SB 1024, SD 2, HD1 which establishes long-term goals for zero-emissions transportation in Hawai'i and abroad to reduce and eliminate transportation emissions; establishes the Clean Ground Transportation and Interisland and Transpacific Clean Transportation Working Groups; and requires annual reports to the Hawai'i Climate Change Mitigation and Adaptation Commission and the Legislature.

SB 1024, SD 2, HD 1 sets a goal with an unidentified target date for the "State to reduce greenhouse gas emissions and achieve zero emissions across all transportation modes within the State, including across all [ground transportation and interisland transportation sectors]."

SB 1024, SD 2, HD 1 further establishes 2 working groups within the Hawai'i Department of Transportation, a Clean Ground Transportation Working Group, and an Interisland Clean Transportation Working Group, which, among other requirements must: "develop metrics, benchmarks, plans, and recommendations for the State to achieve the goals set forth in the proposed section 225P-7 (c) (1) [and (2)]." Both working groups shall cease to exist on January 1, 2027.

The OPSD supports the intent of the goals directed in the proposed working groups, which tasks OPSD to serve as a working group member. OPSD supports the need for planning, benchmarking, and phasing the statewide transition of innovative transportation infrastructure and sectors. The OPSD will work collaboratively with the Department of Transportation as well as with state and private partners and acknowledges that new emerging decarbonization technologies may not be available or known by this bill's 2027 report deadline.

The OPSD understands that the transition of the ground transportation and interisland transportation sectors are market dependent. While major auto manufacturers made various commitments to transition their vehicles to Zero Emission Vehicles (ZEVs), these target dates range from 2035 to 2040. Similarly, the International Maritime Organization set its decarbonization goals within the shipping industry to be 70% by 2050, and the US Aviation Climate Goal is set to achieve net-zero greenhouse gas emissions by 2050.

Thank you for the opportunity to testify on this measure.



STATE OF HAWAII
HAWAII CLIMATE CHANGE MITIGATION & ADAPTATION
COMMISSION
POST OFFICE BOX 621
HONOLULU, HAWAII 96809

Co-Chairs:
Chair, DLNR
Director, OPSD

Commissioners:
Chair, Senate AEN
Chair, Senate WTL
Chair, House EEP
Chair, House WAL
Chairperson, HTA
Chairperson, DOA
CEO, OHA
Chairperson, DHHL
Director, DBEDT
Director, DOT
Director, DOH
Chairperson, DOE
Director, C+C DPP
Director, Maui DP
Director, Hawai'i DP
Director, Kaua'i DP
The Adjutant General
Manager, CZM

**Testimony of
Leah Laramée
Coordinator, Hawai'i Climate Change Mitigation and Adaptation Commission**

**Before the Senate Committees on
FINANCE**

**Wednesday, March 29, 2023
2:00 PM**

State Capitol, Via Videoconference, Conference Room 308

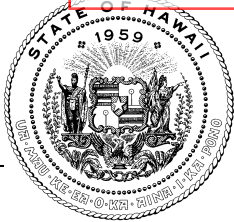
**In consideration of
SENATE BILL 1024 SENATE DRAFT 2 HOUSE DRAFT 1
RELATING TO TRANSPORTATION**

Senate Bill 1024 SD2 HD1 establishes long-term goals for zero-emissions transportation in Hawai'i and abroad to reduce and eliminate transportation emissions. Establishes the clean ground transportation working group and the interisland and clean transportation working group. Requires reports to the Hawai'i climate change mitigation and adaptation commission and the legislature. Effective 6/30/3000. **The Climate Change Mitigation and Adaptation Commission (Commission) supports this bill.**

The Hawai'i Climate Change Mitigation and Adaptation Commission consists of a multi-jurisdictional effort between 20 different departments, committees, and counties. Emissions from ground transportation account for over half of energy emissions as noted in the 2017 Greenhouse Gas Inventory. Reducing emissions from ground transportation is one of the major focuses of the Commission, and a transition to clean renewable fueled vehicles is a crucial strategy to achieve state goals. Such conversions include electrification of transportation, and the use of clean, renewable fuels, and a rebate program could be critical in promoting this transition to clean transportation. Goals and targets are useful tools to identify if actions are making the impact they are intended and to identify where more concentrated efforts may need to be enacted.

For Hawai'i to achieve its goal of a net-negative carbon economy as soon as practicable but no later than 2045 it is essential that everyone is afforded the opportunity to participate in the net-negative carbon economy from an equity, economic, and technical perspective.

Mahalo for the opportunity to testify in support of this measure.



HAWAII STATE ENERGY OFFICE STATE OF HAWAII

JOSH GREEN, M.D.
GOVERNOR

MARK B. GLICK
CHIEF ENERGY OFFICER

235 South Beretania Street, 5th Floor, Honolulu, Hawaii 96813
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804

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

Testimony of
MARK B. GLICK, Chief Energy Officer

before the
HOUSE COMMITTEE ON FINANCE

Wednesday, March 29, 2023
2:00 PM
State Capitol, Conference Room 308 and Videoconference

In SUPPORT of
SB 1024, SD2, HD1

RELATING TO TRANSPORTATION.

Chair Yamashita, Vice Chair Kitagawa, and Members of the Committee, the Hawai'i State Energy Office (HSEO) supports SB 1024, SD2, HD1, which establishes long-term goals for zero-emissions transportation in Hawai'i and abroad to reduce and eliminate transportation emissions and price volatility, establishes the Clean Ground Transportation and Interisland Clean Transportation Working Groups, and requires reports to the Hawaii Climate Change Mitigation and Adaptation Commission and the Legislature.

HSEO's comments are guided by its mission to promote energy efficiency, renewable energy, and clean transportation to help achieve a resilient, clean energy, decarbonized economy. Emissions from transportation account for the largest share of energy sector emissions in the state. As noted in the 2017 Greenhouse Gas Inventory, transportation emissions in Hawai'i were at 8.98 million metric tons of carbon dioxide equivalents, accounting for 51 percent of total energy sector emissions. For Hawai'i to meet its statutory target "to sequester more greenhouse gases than emitted as soon as practicable but no later than 2045", further planning and implementation of clean transportation alternatives are essential.

Hawai'i is a national leader in the adoption of electric vehicles ranking second nationally in EV adoption per capita. HSEO has collaborated with the Hawai'i Department of Transportation (HDOT) on applications for the designation of alternative fuel corridors on the islands of Hawai'i, Kaua'i, Lāna'i, Maui, Moloka'i, and O'ahu and preparing the National Electric Vehicle Infrastructure (NEVI) Hawai'i State Plan, both opening the door to federal funding opportunities. HSEO collaborated with HDOT Highways to put in place a vehicles-as-a-service contract to support the transition of the State's fleet to zero emission vehicles (ZEVs). HSEO was the lead for the State on signing onto the Multi-State Medium- and Heavy-Duty Zero Emission Vehicle MOU calling for 30% of new truck and bus sales to be zero-emission by 2030 and 100% by 2050. In support of that objective, HSEO collaborated with the Hawai'i Department of Health – Clean Air Branch to implement a Diesel Replacement Rebate to support the adoption of ZEVs for medium- and heavy-duty vehicles.

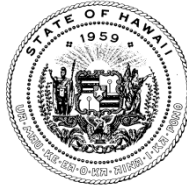
HSEO has also focused on reducing the energy intensity of mobility. Working with the Department of Land and Natural Resources' State Climate Mitigation and Adaptation Commission, HSEO funded a Vehicle Miles Travelled and Active Transportation Specialist through a grant from the United State Climate Alliance to focus on development and implementation of strategies to reduce vehicle miles travelled (VMT) through mode-shift, active transportation, and other associated means which was transitioned to general funds in the 2022 legislature.

The aviation sector accounts for a substantial portion of Hawai'i's GHG emissions. In 2017, aviation emissions from domestic and military flights totaled 4.1 MMT accounting for 17% of total statewide emissions (excluding sinks). Hawai'i is poised to take a leadership role in the decarbonization of aviation. Mokulele Airlines has partnered with REGENT (a Boston based company that develops and manufactures low-altitude electric seaglidors) and has expressed interest to start interisland flights using the world's first electric seaglider, Viceroy, as early as 2025. Hawaiian Airlines has entered an investment agreement with REGENT to develop a seaglider for short interisland flights with larger 100-passenger capacity. Anticipated entry into commercial service is 2028.

Decarbonization of interisland flights will require collaboration to develop strategies, tactics and actionable workplans to implement upcoming solutions. However, decarbonization of the aviation sector still lags the ground transportation sector due to the lack of technological solutions, especially long-haul flights for which more technological solutions are still being developed.

Collaboration and coordination regarding ground transportation and interisland flights are needed among a wide range of stakeholders to make meaningful progress in decarbonizing the transportation sector. HSEO will continue to work with relevant agencies and stakeholders to support the goals of Chapter 225-P, SB 1024, SD2, HD1, and take holistic actions to achieve the decarbonization of the transportation sector.

Thank you for the opportunity to testify.



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

Wednesday, March 29, 2023
2:00 PM
State Capitol, Conference Room 308

**S.B. 1024, S.D. 2, H. D. 1
RELATING TO TRANSPORTATION**

House Committee on Finance

The Department of Transportation (DOT) **supports** the intent of S.B. 1024, S.D. 2 H.D. 1 and offers the following comments. The bill sets goals for zero-emissions transportation and establishes working groups for clean ground transportation and clean interisland transportation. Additionally, it mandates annual reports to the Hawaii Climate Change Mitigation and Adaptation Commission and the Legislature.

The DOT serves as current members of the Hawaii Climate Change Mitigation and Adaptation Commission and therefore, there is no need to report to Hawaii Climate Change Mitigation and Adaptation Commission. We recommend annual reporting to the Legislature.

The DOT actively works through various initiatives to support clean transportation and to achieve the state's clean energy goals. This includes reducing emissions from DOT's internal operations, such as through the development and implementation of an innovative statewide fleet electrification contract that allows all participating agencies to obtain electric vehicles and related charging infrastructure in exchange for user fees. This has enabled the DOT to convert vehicles and install charging stations and the charging service quickly and efficiently with no upfront equipment costs. In addition, the DOT pursues strategies to support the expansion of electric vehicle charging facilities across the state.

The DOT has also implemented multi-modal integration and transportation demand management strategies to address the emissions produced by vehicles traveling on the State Highway System. Implementation of Complete Streets through existing policies, procedures, internal coordination, and external coordination with counties and advocacy groups; improvement of bicycle and pedestrian safety, access, and network connectivity are primary considerations for all projects in DOT. Other programs include ridesharing which offers the least expensive way to reduce rush-hour traffic congestion by moving more people in fewer cars. To encourage ridesharing, DOT provides High Occupancy Vehicles Lanes such as the Zipperlane which are reserved for vehicles carrying two or

more people, buses, and motorcycles. The DOT is leading a pilot project to connect rural communities statewide through broadband. The broadband program will leverage federal highways and broadband funding to provide increased connectivity for the state highway system by expanding broadband services to provide opportunities for Hawaii residents in traditionally unserved and underserved communities to work and learn from home.

The Infrastructure Investment and Jobs Act (IIJA) was signed into law in 2021 and authorized a new Carbon Reduction Program codified in 23 United States Codes (USC) 175 to reduce transportation emissions. This IIJA program has been funded for the years 2021 to 2025. The program requires a Carbon Reduction Strategy. The DOT is developing this Carbon Reduction Strategy which will be finalized in November 2023. Additionally, a greenhouse gas emissions performance measure was established and requires that State DOTs establish a declining greenhouse gas target. This performance measure requires baseline and performance reporting to the FHWA. Implementation of these federal requirements by DOT will assist in achieving the long-term goal of zero emissions in transportation.

The department's work extends to its coordination with the counties. The DOT collaborates with county transportation and transit agencies in the counties to help them transition towards zero-emissions transit fleets. The DOT has provided additional funding received from redistribution funds to enhance operations and electrification, and has committed to additional funding through agreements between FTA and FHWA. Additionally, the department partners with counties and other stakeholders to develop innovative transportation solutions that reduce travel demand and promote sustainable practices, all in pursuit of a clean transportation system. We also consider all county multi modal improvements while planning improvements on the state system to maximize safe connectivity for all users.

Additionally, the DOT embarked on an ambitious plan to mainstream sustainability in the aviation sector in Hawaii with the 2016 Daniel K. Inouye International Airport (HNL) Sustainable Management Plan (SMP). The goal of the SMP is to leverage design, construction, operations, and maintenance expenditures through proven business practices, goals, and initiatives to pay benefits to the customers, employees, industry, and local community. HNL aligns with the state and local goals, policies, and initiatives through the SMP by conducting a comprehensive analysis of how and where sustainability management is implemented into long-term planning. The plan included priority sustainability categories, energy, carbon, water, waste, and stormwater, as well as a general overview of the additional, longer-term sustainability focus areas.

The DOT also is focused on protecting water quality in the harbors' waters. To address the consent decree mandate, the DOT follows its Stormwater Management Plan, which is designed to improve water quality in the harbor waters. The DOT is also addressing resiliency and adapting to climate change at its Harbors. The major focus of the Honolulu Harbor 2050 Master Plan effort, which will provide a guide to future Harbors Division improvements and plans, is on improvements that can be done to address resiliency and adaptation.

The user-generated environmental impacts of the state's transportation system are largely due to the structural pattern of land use and the distances between residential

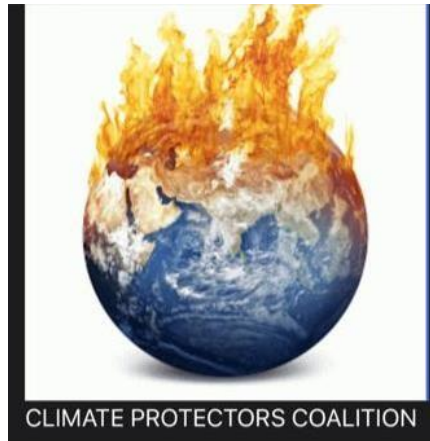
and job locations. This means programs, interventions, and solutions extend beyond the department's purview, and solutions must be comprehensive and involve many other stakeholders.

Interisland travel is conducive to electric aviation due to the short distances. However, there is concern regarding the electrical infrastructure's capacity to meet the long-term goal of zero emissions. Rapid charging stations would be needed at all airports to meet the short turn-around times required to meet airline schedules. Additionally, adequate backup power will be necessary in case of utility electricity outages. Sustainable aviation fuel alternatives, such as biofuels, are dependent on the aviation industry and biofuel distribution infrastructure.

Compared to the electrification of ground transportation, the development, deployment, and evolution of new zero-emissions maritime technologies have been lagging from the waterborne transportation and maritime perspective. The unique challenges presented by the vast distances and ocean conditions that waterborne vessels must endure while transiting the Pacific Ocean to reach Hawaii make it difficult to adopt new technologies. Nonetheless, DOT will closely monitor and report on the development of such technologies.

The DOT emphasizes the need for the working groups to address both adaptation and resilience, in addition to mitigation efforts. And while the focus of this bill is on mitigation, the DOT is focused on energy security and adaptation, and the DOT recommends those initiatives to be included in this measure. As members of the commission are already represented in the working groups, the clean ground transportation and clean interisland transportation working groups should not be required to report to the Hawaii Climate Change and Adaptation Commission. The DOT also requests funding to support the working committees appropriated out of the general revenues.

Thank you for the opportunity to provide testimony.



To: The Honorable Chair Kyle Yamashita, the Honorable Vice Chair Lisa Kitagawa, and Members of the Committee on Finance

From: Climate Protectors Hawai'i (by Ted Bohlen)

Re: **Hearing SB1024 SD2 HD1 RELATING TO TRANSPORTATION**

Hearing: Wednesday March 29, 2023, 2:00 p.m., room 308

Aloha Chair Yamashita, Vice Chair Kitagawa, and Members of the Committee on Finance:

The Climate Protectors Hawai'i seek to educate and engage the local community in climate change action, to help Hawai'i show the world the way back to a safe and stable climate.

The Climate Protectors Hawai'i STRONGLY SUPPORT SB1024 SD2 HD1!

The transportation sector is the largest source of greenhouse gas emissions in Hawai'i. In order to mitigate our climate emissions, we must reduce emissions from transportation.

This bill would establish long-term goals for zero-emissions transportation in Hawai'i and abroad to reduce and eliminate transportation emissions. The bill would establish working groups for clean ground transportation and for clean interisland transportation. The bill has the potential to help decarbonize ground and inter-island transportation. It also may lead to greater adoption of electric vehicles by requiring key agencies to develop plans to increase the State's electric vehicle charging capacity. We are currently consuming on average over a million gallons of gasoline every day! Electric vehicles are less than 2% of total, but offer the potential to reduce gasoline consumption and greenhouse gas emissions.

This bill will help transition ground transportation from fossil fuels to cleaner electricity sources.

Please pass this bill!

Mahalo!

Climate Protectors Hawai'i (by Ted Bohlen)

Big Island Electric Vehicle Association

hawaiidriveelectric@gmail.com

bigislandev.org



March 28, 2023

SUPPORT for SB1024 SD2 HD1 - RELATING TO TRANSPORTATION

Dear Chair Yamashita, Vice Chair Kitagawa, and Committee members,

Big Island EV Association supports SB1024 SD2 HD1, which “Establishes long-term goals for zero-emissions transportation in Hawai’i and abroad to reduce and eliminate transportation emissions. Establishes the clean ground transportation working group and the interisland and transpacific clean transportation working group. Requires annual reports to the Hawai’i climate change mitigation and adaptation commission and the legislature.”

Hawaii is making progress in the decarbonization of its ground transportation sector. There are over 22,000 electric vehicles (EVs) in the State, and YoY growth is impressive. More must be done to accelerate this progress. **We must accelerate EV adoption.** EVs still represent only 2% of passenger vehicles; we consume over 30 million gallons of gasoline each month. This translates into a massive carbon footprint and highlights our dependence on energy imports and the security risks that this presents.

Of course, **we must also focus on expanding the electrification of medium and heavy-duty vehicles.** Solutions exist for these forms today – excavators, refuse trucks, tractor-trailers, and other large vehicles are now available in zero-emission models. These large vehicles require that a more robust charging infrastructure be built out.

Hawaii can and **must decarbonize inter-island transportation.** Short-haul electric planes and barges already exist, and continuous innovations in alternative fuels point us toward no/low emission inter-island and trans-Pacific transport. Hawaii’s abundant renewable energy resources offer the opportunity to produce clean transportation fuels and low-cost electricity at the scale required to facilitate the decarbonization of aviation and maritime transport in our region.

SB1024 SD2 HD1 calls for action in these areas. It will allow for more **intense systems focus** on these opportunities, with working groups focused on ground transportation, inter-island, and trans-Pacific transportation, and the systems and infrastructure required to support future clean transportation use cases. It will also accelerate the progress that we’re making with electric passenger vehicles.

Please support this measure.

Thank you for this opportunity.

Sincerely,



Noel Morin – President
Big Island EV Association

Big Island Electric Vehicle Association (bigislandev.org), established in 2011, is a grassroots non-profit group dedicated to accelerating EV adoption in Hawaii Island. Our members are EV owners and supporters.



HOUSE COMMITTEE ON FINANCE
Representative Kyle Yamashita, Chair
Representative Lisa Kitagawa, Vice Chair

TESTIMONY IN SUPPORT
Senate Bill 1024 SD2 HD1, Relating to Transportation
Wednesday, March 29, 2023, 2:00 p.m.
Conference Room 308

Aloha Chair Yamashita, Vice Chair Kitagawa, and Members of the Committee:

Thank you for the opportunity to provide testimony in support of SB1024 SD2 HD1, which establishes long-term goals for zero-emissions transportation in Hawai'i and abroad to reduce and eliminate transportation emissions. It establishes the clean ground transportation working group and the interisland and clean transportation working group and requires reports to the Hawai'i climate change mitigation and adaptation commission and the legislature.

Hawaiian Airlines supports this measure, and our company is committed to being a part of the solution in reducing our state's carbon emissions. As you know, Hawaiian Airlines is Hawai'i's airline. We employ thousands of local residents who are raising their children and grandchildren in these islands, and we want their families to be able to thrive in a sustainable Hawai'i.

Hawaiian Airlines is our state's leader in air transportation and has significant experience in the important issues this bill seeks to address. We are also the lead carrier in the state of Hawai'i for the industry trade organization, Airlines for America, whose members are in full support of Hawai'i's zero emissions goals. Based on our desire to be proactive and contributory, we want to offer a representative from our company to be included as a member of the Interisland Clean Transportation working group. We believe our expertise and vested interest in Hawai'i would bring value to its critical work.

Mahalo for the opportunity to provide testimony in support and we ask you to please pass this important legislation.



**Testimony of
Oahu Metropolitan Planning Organization**

**Before the House Committee on
FINANCE**

**Tuesday, March 29, 2023
2:00 P.M.**

State Capitol, Conference Room 308

**In consideration of
SENATE BILL 1024 SD2
RELATING TO TRANSPORTATION**

Purpose of Bill: Establishes long-term goals for zero-emissions transportation in Hawai'i and abroad to reduce and eliminate transportation emissions. Establishes the clean ground transportation working group and the interisland and transpacific clean transportation working group. Requires annual reports to the Hawai'i climate change mitigation and adaptation commission and the legislature.

Department's Position: The Oahu Metropolitan Planning Organization (OahuMPO) supports SB 1024 SD2.

The OahuMPO is the designated metropolitan planning organization for the island of Oahu. We are guided by the vision statement in the 2045 Oahu Regional Transportation Plan, which states: O'ahu's path forward is multimodal and safe. All people on O'ahu can reach their destinations through a variety of transportation choices, which are reliable, equitable, healthy, environmentally sustainable, and resilient in the face of climate change.

For Hawai'i to achieve its goal of a net-negative carbon economy as soon as practicable but no later than 2045, it is essential that everyone is afforded the opportunity to participate in the net negative carbon economy from an equity, economic, and technical perspective.

Mahalo for the opportunity to provide testimony on this measure.

SB-1024-HD-1

Submitted on: 3/28/2023 10:55:48 AM

Testimony for FIN on 3/29/2023 2:00:00 PM

Submitted By	Organization	Testifier Position	Testify
Steve Parsons	Kauai Climate ACTION Coalition, Small Biz Owner	Support	Written Testimony Only

Comments:

Aloha Trusted Hawaii Lawmakers!

We strongly support this bill as it will help accelerate EV adoption and dramatically REDUCES Climate Pollution is Killing us and the species we share this planet with. You will also help HAWAII residents fight inflation, as EVs are much cheaper to drive AND help them have healthier homes and communities. Please ACT Boldly on this and all other bills that accelerate Hawaii OFF fossil Fuels!

IMUA>>>

Steve Parsons, Member of: Kauai Climate ACTION Coalition, Kauai EV, Surf-Rider Foundation

Hanapepe Kauai



**HOUSE COMMITTEE ON TRANSPORTATION
HOUSE COMMITTEE ON ENERGY AND ENVIRONMENTAL PROTECTION**

March 29, 2023, 2:00 PM
Conference Room 308

TESTIMONY IN SUPPORT OF SB 1024 SD2 HD1

Aloha Chair Yamashita, Vice Chair Kitagawa, and members of the Committees:

Blue Planet Foundation **supports SB 1024 SD2 HD1**, which establishes long-term goals for zero-emissions transportation in Hawai'i and requires state agencies to take additional steps to ensure that they are planning for and participating in the decarbonization of Hawai'i's economy and our collective response to climate change.

Blue Planet Foundation is a Hawai'i-based nonprofit organization. We work to clear the path for local, clean, renewable power. Through our advocacy for renewable energy, energy efficiency, and clean transportation, we seek to make our communities stronger, our energy more secure, our environment healthier, and our economy more robust.

Hawai'i is in the midst of a transition to a 100% clean energy future, and the state's ground, aviation, and marine transportation sectors must follow suit. 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 transportation sector**. Without deliberate, collaborative, and forward-thinking leadership from State government, we risk accelerating this trend of increased transportation emissions. In addition, the quicker we turn our transportation fleets over to zero-emission options, the faster we can turn the spigot off that leaks billions out of our economy annually to buy imported fossil fuels. Mobility should be powered by homegrown power, not imported carbon.

Thank you for the opportunity to provide testimony.



SanHi

GOVERNMENT STRATEGIES

A LIMITED LIABILITY LAW PARTNERSHIP

DATE: March 28, 2023

TO: Representative Kyle Yamashita
Chair, Committee on Finance

FROM: Tiffany Yajima

RE: **S.B. 1024, S.D.2, H.D. 1– Relating to Transportation**
Hearing Date: Wednesday, March 29, 2023 at 11:00 p.m.
Conference Room: 308

Dear Chair Yamashita, Vice Chair Kitagawa and Members of the Committee on Finance:

On behalf of the Alliance for Automotive Innovation (“Auto Innovators”) we submit this testimony in **support** of S.B. 1024, S.D.2, H.D. 1.

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.

Automobile manufacturers are transitioning toward an electric future and by 2025 the auto industry will have invested more than \$330 billion to reach the goal of an electrified future. A new generation of ZEVs is coming with 130 models for sale in the U.S. market by 2026, up from over 70 models today. To make the transition to a zero-emission transportation future, automakers support federal and state policies such as investments in charging infrastructure and consumer incentives for EV purchases that grow consumer demand for electric vehicles.

We note that the Senate version of this bill was amended to require the Department of Transportation, Office of Planning and Sustainable Development, and the Hawaii State Energy Office to, among other things, develop and implement options that accelerate the transition to zero emissions transportation. As the state seeks to establish long-term goals to reduce carbon emissions in the transportation sector, Auto Innovators look forward to the opportunity to work collaboratively with government agencies and stakeholders to develop reasonable plans and recommendations to achieve these goals and would request to be a member of the ground transportation working group.

Thank you for the opportunity to submit this testimony.



Email: communications@ulupono.com

HOUSE COMMITTEE ON FINANCE
Wednesday, March 29, 2023 — 2:00 p.m.

Ulupono Initiative supports SB 1024 SD2 HD1, Relating to Transportation.

Dear Chair Yamashita and Members of the Committee:

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 the 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 choices, and better management of freshwater resources.

Ulupono supports SB 1024 SD2 HD1, which establishes long-term goals for zero-emissions transportation in Hawai'i and abroad to reduce and eliminate transportation emissions; establishes the clean ground transportation working group and the interisland and clean transportation working group; and, requires annual reports to the Hawai'i Climate Change Mitigation and Adaptation Commission and the Legislature.

Ulupono supports the State's efforts to increase clean transportation and reduce greenhouse gas emissions. Establishing dedicated working groups to identify pathways to reach zero-emissions transportation will be an important step toward meeting our climate change goals as transportation accounts for roughly 65% of fossil fuel use in the state.¹

We appreciate the commitments made by the State over the last year to bolster Hawai'i's electric vehicle (EV) market; however, further policy support, such as this measure, will be needed to assist local EV adoption and help meeting our climate change goals. Several reports on electrification of transportation and meeting our energy goals have highlighted how the State can lean into these strategies and policies to maximize our clean transportation investments more effectively and quickly.² It will also be important that the working groups identify steps to ensure that those who can't as easily access the benefits of electrification without help are able to do so, such as many low-income community members and small businesses.

Thank you for this opportunity to testify on this measure, which represents an opportunity to provide cleaner, more affordable and more accessible transportation choices for future generations in Hawai'i.

Respectfully,

Micah Munekata
Director of Government Affairs

¹ https://energy.hawaii.gov/wp-content/uploads/2020/11/HSEO_FactsAndFigures-2020.pdf

² <https://www.transcendingoil.com/> and <https://mauinow.com/2021/07/08/more-evs-could-reduce-co2-emissions-by-93-in-less-than-30-years/>



DATE: March 29, 2023
TIME: 2:00 PM
PLACE: VIA VIDEOCONFERENCE and Conference Room 308
BILL: SB 1024, SD2, HD1 Relating to Transportation

Aloha Chair Yamashita, Vice Chair Kitagawa and members of the committee!

On behalf of the Hawai'i Automobile Dealers Association (HADA), we are writing to respectfully **comment** on SB 1024, SD2, HD1, relating to transportation. This bill establishes long-term goals for zero-emissions transportation in Hawaii and abroad to reduce and eliminate transportation emissions and it establishes the ground transportation and interisland and transpacific transportation working groups.

HADA supports working collaboratively with policy leaders to ensure that the state's clean energy goals are met. In a spirit of a commitment to environmental stewardship, we support data-driven emissions regulations. We want to ensure any task force established by this legislation is provided with timely, accurate, and unbiased data so informed and practical decisions can be made during the ongoing evolution of ground transportation in Hawaii.

HADA seeks to engage positively on issues of importance relevant to motor vehicles, our state's clean energy future, and safety. We thank you for the opportunity to testify.

The Hawai'i Automobile Dealers Association is the voice of more than 60 new car dealerships across the islands, accounting for over 4,000 direct jobs, \$6 billion total sales and more than \$250 million in general excise taxes paid.

SB-1024-HD-1

Submitted on: 3/27/2023 2:55:46 PM

Testimony for FIN on 3/29/2023 2:00:00 PM

Submitted By	Organization	Testifier Position	Testify
Andrew Crossland	Individual	Oppose	Written Testimony Only

Comments:

I oppose this Bill. Climate change is a hoax.

SB-1024-HD-1

Submitted on: 3/28/2023 6:48:19 AM

Testimony for FIN on 3/29/2023 2:00:00 PM

Submitted By	Organization	Testifier Position	Testify
Barbara Best	Individual	Support	Written Testimony Only

Comments:

We need goals and how to implement them and report progress in lowering emissions in transportation

SB-1024-HD-1

Submitted on: 3/28/2023 7:40:28 AM

Testimony for FIN on 3/29/2023 2:00:00 PM

Submitted By	Organization	Testifier Position	Testify
Virginia Tincher	Individual	Support	Written Testimony Only

Comments:

Members of the Finance Committee,

Senate Bill 1024 SD2 HD establishes long-term goals for zero-emissions transportation in Hawai'i and abroad to reduce and eliminate transportation emissions. Establishes the clean ground transportation working group and the interisland clean transportation working group.

As an EV owner I urge you to pass this bill so we can continue moving aggressively forward with EV adoption and much needed infrastructure. Even on Oahu charging an EV is a challenge. We need more infrastructure for EVs.

Also urgent action will facilitate taking advantage of the benefits in the Bipartisan Infrastructure Act and the Inflation Reduction Act.

Mahalo for the opportunity to testify in SUPPORT of SB1024 SD2 HD1

Virginia Tincher, Oahu

SB-1024-HD-1

Submitted on: 3/28/2023 10:48:09 AM

Testimony for FIN on 3/29/2023 2:00:00 PM

Submitted By	Organization	Testifier Position	Testify
Helen Cox	Individual	Support	Written Testimony Only

Comments:

Aloha Committee Chair and Members,

Please pass SB1024 SD2 HD1 which establishes long-term goals for zero-emissions transportation in Hawaii and abroad to reduce and eliminate transportation emissions. This bill is important in that it establishes not only a clean ground transportation working group but also the interisland and transpacific clean transportation working group. The requirement of annual reports is also important if we are to make sufficient progress to address the climate crisis we face. We cannot afford to wait but must make meaningful progress towards zero-emissions transportation for the sake of our keiki and our aina. Please pass SB1024 SD2 HD1.

Mahalo,

Helen Cox, Kalaheo, Kauai

SB-1024-HD-1

Submitted on: 3/28/2023 11:37:07 AM

Testimony for FIN on 3/29/2023 2:00:00 PM

Submitted By	Organization	Testifier Position	Testify
Keith Neal	Individual	Support	Written Testimony Only

Comments:

Strong support for SB1024 SD2 HD1

Hawaii is the most fossil fuel dependent state in the nation. The state's transportation sector contributes a significant volume of pollution and planet changing emissions. It is a public safety issue that Hawaii becomes more electrified and less dependent on fossil fuels.

Keith Neal

Waimea

SB-1024-HD-1

Submitted on: 3/28/2023 11:42:37 AM

Testimony for FIN on 3/29/2023 2:00:00 PM

Submitted By	Organization	Testifier Position	Testify
Austin Warner	Individual	Support	In Person

Comments:

Hello, my name is Austin Sexton-Warner. I am a senior at Hawaii Pacific University. I've been living in Hawaii for two years now, completeing my junior and senior years of college.

I think this bill is excellent. If we can cut down on our carbon emissions and reduce our contributions to global warming, it will have short and long term benefits for Oahu and the planet. This would prevent and greatly reduce pollution in Hawaii, improve air quality and protect ecosystems, save money on energy costs, growth for potential employers or customers who are looking to do business with environmentally responsible companies, help to build community support for action on climate change; and broadly speaking it will promote the 3 E's of sustainability: Environment, Equity and Economy, in positive ways!

SB-1024-HD-1

Submitted on: 3/28/2023 11:46:25 AM

Testimony for FIN on 3/29/2023 2:00:00 PM

Submitted By	Organization	Testifier Position	Testify
Paul Bernstein	Individual	Support	Written Testimony Only

Comments:

Aloha Chair Yamashita and Members of the FIN Committee:

I am writing in support of SB1024 SD2 HD1 because this bill accelerates our progress in the decarbonization of our ground transportation sector, including medium-heavy duty vehicles, marine, and air transport.

It will allow for more intense systems focus on these opportunities, with working groups focused on ground transportation, inter-island, and trans-Pacific transportation, and the systems and infrastructure required to support future clean transportation use cases. It will also accelerate the progress we're making with electric passenger vehicles.

Respectfully,

Paul Bernstein

SB-1024-HD-1

Submitted on: 3/28/2023 12:04:41 PM

Testimony for FIN on 3/29/2023 2:00:00 PM

Submitted By	Organization	Testifier Position	Testify
Douglas Perrine	Individual	Support	Written Testimony Only

Comments:

SB1024 creates a planning structure that should assist our urgent need to transition to clean energy in the transportation sector.

SB-1024-HD-1

Submitted on: 3/28/2023 1:20:58 PM

Testimony for FIN on 3/29/2023 2:00:00 PM

Submitted By	Organization	Testifier Position	Testify
Matthew Geyer	Individual	Support	Remotely Via Zoom

Comments:

Thank you for hearing and supporting this important goal setting measure!

Matthew Geyer

SB-1024-HD-1

Submitted on: 3/28/2023 3:44:16 PM

Testimony for FIN on 3/29/2023 2:00:00 PM

Submitted By	Organization	Testifier Position	Testify
Ruth Robison	Individual	Support	Written Testimony Only

Comments:

The transportation sector continues to contribute a significant volume of planet-warming emissions.

We continue to consume a significant of fossil fuel to support this sector. Gasoline consumption alone represents over 30 million gallons per month. (source: DBEDT).

EVs represent 2% of passenger vehicles - we have a long way to go to decarbonize the sector.

In addition to ground transportation, we must address the aviation and maritime transport sectors. Low-carbon solutions are coming for these sectors, and we must find ways to accelerate progress.. Thank you.

SB-1024-HD-1

Submitted on: 3/28/2023 4:15:58 PM

Testimony for FIN on 3/29/2023 2:00:00 PM

Submitted By	Organization	Testifier Position	Testify
Ruta Jordans	Individual	Support	Written Testimony Only

Comments:

Please support!

SB-1024-HD-1

Submitted on: 3/29/2023 10:39:49 AM

Testimony for FIN on 3/29/2023 2:00:00 PM

Submitted By	Organization	Testifier Position	Testify
Stephanie Hall Morin	Individual	Support	Written Testimony Only

Comments:

Aloha,

I support SB1024 SD2 HD1.

SB1024 SD2 HD1 accelerates our progress in the decarbonization of our ground transportation sector, including medium-heavy duty vehicles, marine, and air transport.

It will allow for more intense systems focus on these opportunities, with working groups focused on ground transportation, inter-island, and trans-Pacific transportation, and the systems and infrastructure required to support future clean transportation use cases. It will also accelerate the progress we're making with electric passenger vehicles.

Mahalo for your consideration,

Stephanie Hall Morin