



HAWAII STATE ENERGY OFFICE STATE OF HAWAII

JOSH GREEN, M.D.
GOVERNOR

MARK B. GLICK
CHIEF ENERGY OFFICER

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Testimony of
MARK B. GLICK, Chief Energy Officer

before the
SENATE COMMITTEE ON WAYS AND MEANS

Wednesday, February 22, 2023
9:30 AM
State Capitol, Conference Room 211 and Videoconference

In SUPPORT of
SB 1024, SD1

RELATING TO TRANSPORTATION.

Chair Dela Cruz, Vice Chair Keith-Agaran, and Members of the Committee, the Hawai'i State Energy Office (HSEO) supports SB 1024, SD1, which establishes long-term goals for zero-emissions transportation in Hawaii 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 Hawaii Climate Change Mitigation and Adaptation Commission and the Legislature.

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 island of Hawai'i, Kaua'i, Lāna'i, Maui, Moloka'i, and O'ahu and preparing the

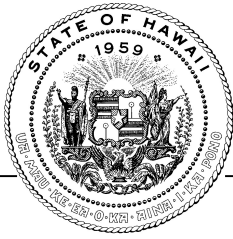
National Electric Vehicle Infrastructure (NEVI) Hawai'i State Plan, both opening the door to federal funding opportunities. HSEO collaborated with HDOT Highways to put in place a vehicles-as-a-service contract to support the transition of the State's fleet to zero emission vehicles (ZEVs). HSEO was the 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 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 the aviation sector still lags the ground transportation sector due to the lack of technological solutions and requires collaboration to develop strategies, tactics and actionable workplans to address interim solutions to long-haul zero-emissions transpacific transportation.

Collaboration and coordination are needed among a wide range of stakeholders to make meaningful progress in transitioning the transportation sector. HSEO will continue to work with relevant agencies and stakeholders to support the goals of Chapter 225-P, SB1024 SD1 and take holistic actions to achieve the decarbonization of the transportation sector. HSEO is engaging with departments and agencies on administration of the working groups.

Thank you for the opportunity to testify.



**STATE OF HAWAI'I
OFFICE OF PLANNING
& SUSTAINABLE DEVELOPMENT**

JOSH GREEN, M.D.
GOVERNOR

SCOTT J. GLENN
DIRECTOR

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Statement of
SCOTT GLENN, Director
before the
SENATE COMMITTEE ON WAYS AND MEANS
Wednesday, February 22, 2023, 9:30 AM
State Capitol, Conference Room 211

in consideration of
SB 1024, SD 1
RELATING TO TRANSPORTATION.

Chair Dela Cruz, Vice Chair Keith-Agaran, and Members of the Senate Committee on Ways and Means:

The Office of Planning and Sustainable Development (OPSD) **supports** and offers the following comments on SB 1024 SD1, which establishes long-term goals for zero-emissions transportation in Hawaii 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. (SD1)

SB 1024, SD 1 is generally in alignment with two recommendations of the State of Hawai'i's decennial climate and sustainability strategic action plan—the [Hawai'i 2050 Sustainability Plan: Charting a Course for the Decade of Action \(2020-2030\)](#), which recommends that the State should “implement expanded infrastructure for Zero Emission Vehicles (ZEVs), including energy storage and increasing the availability of electric charging and hydrogen fueling stations” (Recommended Action #95, Page 101) and “adopt a plan for statewide adoption of Zero Emission Vehicles (ZEVs)” (Recommended Action #96, Page 105).

The OPSD supports the goals and responsibilities directed in the proposed working groups, which tasks OPSD to serve as a working group member. OPSD supports the need for planning for the statewide transition of innovative transportation infrastructure and will work collaboratively with the Department of Transportation and Hawai'i State Energy Office as well as with state and private partners. The OPSD notes the working group focuses are primarily mitigation. In undertaking the responsibilities in the proposed working groups, the OPSD would recommend adaptation and resilience considerations be considered as well. The OPSD defers to the appropriate agencies on resources needed for implementation of the working groups and their responsibilities.

Thank you for the opportunity to testify on this measure.



SENATE COMMITTEE ON WAYS AND MEANS
Senator Donovan Dela Cruz, Chair
Senator Gilbert Keith-Agaran, Vice Chair

TESTIMONY IN SUPPORT
Senate Bill 1024 SD1, Relating to Transportation
Wednesday, February 22, 2023, 9:30 a.m.
Conference Room 211

Aloha Chair Dela Cruz, Vice Chair Keith-Agaran, and Members of the Committee:

Thank you for the opportunity to provide testimony in support of SB1024 SD1, which establishes long-term goals for zero-emissions transportation in Hawai'i and also establishes the Clean Ground Transportation and Interisland and Transpacific Clean Transportation Working Groups while requiring annual 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 and Transpacific 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.

Big Island Electric Vehicle Association

hawaiidriveelectric@gmail.com

bigislandev.org



February 20, 2023

SUPPORT for SB1024 SD1 - RELATING TO TRANSPORTATION

Dear Chair Dela Cruz, Vice Chair Keith-Agaran, and Committee members,

Big Island EV Association supports SB1024 SD1, 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.”

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 SD1 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.



DATE: February 22, 2023
TIME: 9:30 AM
PLACE: VIA VIDEOCONFERENCE and Conference Room 211
BILL: SB 1024, SD1 Relating to Transportation

Aloha Chair Dela Cruz, Vice Chair Keith-Agaran, members of the committee!

On behalf of the Hawai'i Automobile Dealers Association (HADA), we are writing to respectfully **comment** on SB 1024, SD1 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.



Email: communications@ulupono.com

SENATE COMMITTEE ON WAYS & MEANS
Wednesday, February 22, 2023 — 9:30 a.m.

Ulupono Initiative supports SB 1024 SD1, Relating to Transportation.

Dear Chair Dela Cruz 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 SD1, 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.

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.

We also encourage the working groups to explicitly recognize that reducing vehicle miles traveled (VMT) is critical to achieving zero emissions within ground transportation. As

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/>

Investing in a Sustainable Hawai'i



such, we recommend adding language to explicitly recognize VMT and demand management as well as accounting for community impacts of recommended strategies, such as economic impacts to lower-income community members and accessibility to daily needs.

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

SB-1024-SD-1

Submitted on: 2/20/2023 11:07:48 PM

Testimony for WAM on 2/22/2023 9:30:00 AM

Submitted By	Organization	Testifier Position	Testify
Steve Parsons	Testifying for Kauai Climate ACTION Coalition	Support	Written Testimony Only

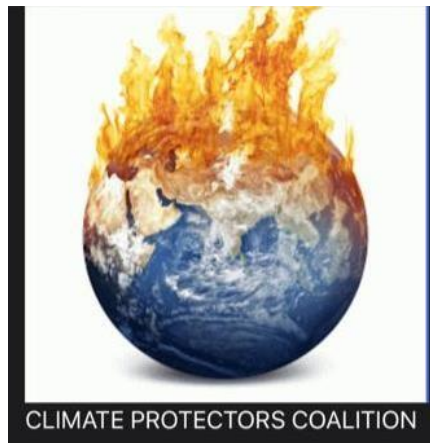
Comments:

Aloha Trusted Hawaii Lawmakers

The Kauai Climate ACTION Coalition strongly supports this bill. Another word for emissions is Pollution and Climate pollution put out by ICE (Internal Combustion Engine) is literally Killing us and the species we share this planet with. Please ACT boldly and vote yes on this bill.

Mahalo,

Steve Parsons, Surfrider Foundation, KCAC, KAUA I EV Hanapepe Kauai



To: The Honorable Chair Donovan DelaCruz,, Vice Chair Gilbert Keith-Agaran, and members of the Senate Committee on Ways and Means

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

Re: Hearing SB1024 SD1 **RELATING TO TRANSPORTATION**

Hearing: Wednesday, February 22, 2023, 9:30 a.m., room 211

Aloha Chair DelaCruz, Vice Chair Keith-Agaran, and members of the Committee:

The mission of the Climate Protectors Hawai'i is 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 SUPPORTS SB1024 SD1!

To mitigate climate change, Hawai'i needs to reduce the greenhouse gas impact of our transportation sector. 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 would help decarbonize ground, inter-island and trans-Pacific transportation and increase the adoption of electric vehicles.

Please pass this bill!

Mahalo!

Climate Protectors Hawai'i (by Ted Bohlen)



SENATE COMMITTEE ON WAYS AND MEANS

February 22, 2023, 9:30 AM
Conference Room 211

TESTIMONY IN SUPPORT OF SB 1024 SD1

Aloha Chair Dela Cruz, Vice Chair Keith-Agaran, and members of the Committee:

Blue Planet Foundation **supports SB 1024 SD1**, which establishes long-term goals for zero-emissions transportation in Hawai'i and requires the department of transportation 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 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: February 21, 2023

TO: Senator Donovan Dela Cruz
Chair, Senate Committee on Ways and Means

FROM: Tiffany Yajima

RE: **S.B. 1024, S.D.1 – Relating to Transportation**
Hearing Date: Wednesday, February 22, 2023 at 9:30a.m.
Conference Room: 211

Dear Chair Dela Cruz and Members of the Committee on Ways and Means:

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



SanHi

GOVERNMENT STRATEGIES

A LIMITED LIABILITY LAW PARTNERSHIP

DATE: February 21, 2023

TO: Senator Donovan Dela Cruz
Chair, Senate Committee on Ways and Means

FROM: Tiffany Yajima

RE: **S.B. 1024, S.D.1 – Relating to Transportation**
Hearing Date: Wednesday, February 22, 2023 at 9:30a.m.
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Thank you for the opportunity to submit this testimony.

LATE

Hawaii Electric Vehicle Association

hawaiiev.org
info@hawaiieva.com



February 21, 2023

SUPPORT for SB1024 SD1 - RELATING TO TRANSPORTATION

Dear Chair Dela Cruz, Vice Chair Keith-Agaran, and Committee members,

The Hawaii EV Association supports SB1024 SD1, 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.”*

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 SD1 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,

A handwritten signature in black ink, appearing to read "TH".

Tam Hunt
Board Member and Policy Manager
Hawaii EV Association

Hawaii EV Association is a grassroots non-profit group representing electric vehicle owners in Hawaii. Our mission is to accelerate the electrification of transportation through consumer education, policy advocacy, and electric vehicle charging infrastructure expansion. For more information, please visit hawaiiev.org.

Hawaii EV Board

Noel Morin, President
Nanette Vinton, Secretary, and Treasurer
Bill Bugbee – Director
Tam Hunt - Director
Sonja Kass – Director
Rob Weltman – Director

Hawaii EV Clubs

Big Island EV Association
Kauai EV
Maui Nui EV
Tesla Hawaii Club

Hawaii Bioeconomy Trade Organization

THE SENATE
THE THIRTY-SECOND LEGISLATURE
REGULAR SESSION OF 2023

LATE

Senate Committee on Transportation/Water

TESTIMONY ON SENATE BILL NO. SB 1024 SD1

Position: **Support with Comments**

To the Honorable Senator Gabbard, Chair; Senator Richards, Vice Chair; Honorable Senator Lee, Chair; Senator Inouye, Vice Chair and Members of the Committees:

We support in principle the idea of the State planning and executing towards sustainable and renewable efforts; however, we feel that the scope in the current language is narrower than the opportunity provides.

Bus example: at the HEPF greenhouse gas lifecycle methodology workshop held Oct 2019, participants found that a bus converted to biodiesel emitted 80% less greenhouse gas emissions across the lifecycle and the same emissions as diesel at the tail pipe, while a bus converted to electricity and charged from Oahu's electrical grid mix emitted 2.5 times more greenhouse gases across the lifecycle, but zero emissions at the tailpipe.

We recommend a focus on "net-zero lifecycle greenhouse gas emissions," in lieu of "zero-emission" transportation options. Some transport options are technically zero-emission at the tailpipe but can be more polluting than petroleum over the lifecycle. (As an example, a hydrogen fuel cell vehicle operating on hydrogen made from steam-reformed liquefied natural gas). There are CO₂-emitting transportation options that are much lower overall carbon intensity than fossil fuels and even net-negative, and some "zero emission" transportation options that are more GHG-emitting than fossil gasoline and diesel internal combustions engine options over the lifecycle.

Our goal is to tackle climate change and reduce greenhouse gas emissions overall, not just at the tail pipe. The working group should include representatives from industry and subject matter experts and practitioners in transportation and transportation fuels.

The scope should consider fuel replacement with renewable fuel, and not just vehicle replacement and charging infrastructure, for each major fuel type and end use: diesel fuel for freight, buses, and heavy vehicles, jet fuel for aviation, bunker fuel and natural gas for marine transportation, and gasoline for light passenger vehicles and emergency generators

Thank you for your consideration of this testimony.

Regards,

Carl Campagna
Executive Director
carl@hawaiiioeconomy.org

SB-1024-SD-1

Submitted on: 2/17/2023 5:31:24 PM

Testimony for WAM on 2/22/2023 9:30:00 AM

Submitted By	Organization	Testifier Position	Testify
Gerard Silva	Individual	Oppose	Written Testimony Only

Comments:

Stop the Bull Shit and do what the People of Hawaii want not what you want!!!!

SB-1024-SD-1

Submitted on: 2/18/2023 9:07:07 AM

Testimony for WAM on 2/22/2023 9:30:00 AM

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

Comments:

SB1024 will help Hawaii to meet the challenges of developing a carbon-neutral transportation system.

SB-1024-SD-1

Submitted on: 2/20/2023 11:31:57 AM

Testimony for WAM on 2/22/2023 9:30:00 AM

Submitted By	Organization	Testifier Position	Testify
Ronald "Ron" Reilly	Individual	Support	Written Testimony Only

Comments:

Dear Senator Dela Cruz and Members of the Ways and Means Committee,

As an EV owner (Kia Niro EV), I am in full support SB1024.

Establishing ground, sea, and air transportation goals and the ability to measure how near or far Hawaii is in its progress towards these goals is key to reaching net zero and is encapsulated in the well known phrase “you can't manage what you don't measure”.

Thank you for your consideration, Ron Reilly

SENATE COMMITTEE ON WAYS AND MEANS
Decision-Making on Feb. 22, 2023 at 9:30 am

SUPPORTING SB 1024 SD 1

My name is John Kawamoto, and I support SB 1024 SD 1.

Fossil fuels are an integral part of the economy, and they must be extracted from the economy because the greenhouse gases they emit are warming the Earth, causing more frequent and more extreme climate disasters globally. Carbon dioxide, the most common greenhouse gas, stays in the atmosphere for 300 to 1,000 years after it is emitted, according to NASA, so what we do now – or what we fail to do – will impact many future generations.

The transportation sector continues to contribute a significant volume of planet-warming emissions. Gasoline consumption represents over 30 million gallons per month. We are transitioning to electric vehicles (EVs), but they represent only 2% of passenger vehicles. We have a long way to go to decarbonize the transportation 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.

This bill establishes working groups to assess and develop strategies to accelerate the decarbonization of ground, inter-island, and trans-Pacific transport. This is a step that is needed to intensify our efforts to decarbonize transportation.

SB-1024-SD-1

Submitted on: 2/20/2023 6:17:21 PM

Testimony for WAM on 2/22/2023 9:30:00 AM

Submitted By	Organization	Testifier Position	Testify
Caroline Azelski	Individual	Support	Written Testimony Only

Comments:

In support of SD1. Thank you.

SB-1024-SD-1

Submitted on: 2/20/2023 7:36:01 PM

Testimony for WAM on 2/22/2023 9:30:00 AM

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

Comments:

SB1024 SD1 sets a foundation for Hawaii's transition to electric transportation. Please support this bill to enable Hawaii to seamlessly make the transition.

SB-1024-SD-1

Submitted on: 2/20/2023 10:43:36 PM

Testimony for WAM on 2/22/2023 9:30:00 AM

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

Comments:

Support.

SB1024 includes several objectives that serve to increase our efforts to decarbonize transportation. These include the establishment of working groups to assess and develop strategies to accelerate the decarbonization of ground, inter-island, and trans-Pacific transport and increasing the adoption of electric vehicles. 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.

SB-1024-SD-1

Submitted on: 2/21/2023 8:03:31 AM

Testimony for WAM on 2/22/2023 9:30:00 AM

Submitted By	Organization	Testifier Position	Testify
Louis Concato	Individual	Support	Written Testimony Only

Comments:

I support this measure

SB-1024-SD-1

Submitted on: 2/21/2023 8:05:04 AM

Testimony for WAM on 2/22/2023 9:30:00 AM

Submitted By	Organization	Testifier Position	Testify
robert brower	Individual	Support	Written Testimony Only

Comments:

strong support

SB-1024-SD-1

Submitted on: 2/21/2023 8:29:45 AM

Testimony for WAM on 2/22/2023 9:30:00 AM

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

Comments:

Members of the Ways and Means Committee,

Mahalo for this opportunity to testify.

I am in strong support of SB1024.

I support these important objectives that help to increase our efforts to decarbonize transportation including the establishment of working groups to assess and develop strategies to accelerate the decarbonization of ground, inter-island, and trans-Pacific transport and increase the adoption of electric vehicles.

Working groups have proven to be success as a way to bring together people with multiple expertises to forge lasting solutions. Let's take advantage of all the knowledge and passion for solutions we have in Hawaii.

Mahalo,

Virignia Tincher, Aina Haina, Oahu

LATE

SB-1024-SD-1

Submitted on: 2/21/2023 10:58:28 AM
Testimony for WAM on 2/22/2023 9:30:00 AM

Submitted By	Organization	Testifier Position	Testify
Melissa Barker	Individual	Support	Written Testimony Only

Comments:

Honorable Members,

I respectfully ask that you support SB1024 SD1 which creates a plan for a zero emission transportation system.

Thank you for your attention and consideration.

Melissa Barker

Kapaa, HI

LATE

SB-1024-SD-1

Submitted on: 2/22/2023 6:55:30 AM

Testimony for WAM on 2/22/2023 9:30:00 AM

Submitted By	Organization	Testifier Position	Testify
Nancy Romaine	Individual	Support	Written Testimony Only

Comments:

Aloha,

As a state employee driving from Wailua into Lihue daily, I am reminded on a regular basis how much emissions we produce on our small island. This bill is important. Please support it.

Mahalo,

Nancy Romaine