

HAWAII STATE ENERGY OFFICE STATE OF HAWAII

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Testimony of
SCOTT J. GLENN, Chief Energy Officer

before the
SENATE COMMITTEE ON COMMERCE AND CONSUMER PROTECTION

Tuesday, February 23, 2021
9:30 A.M.

State Capitol, conference room 229 & via videoconference

In **SUPPORT** of
SB 768 S.D. 1
RELATING TO ZERO-EMISSION VEHICLES.

Chair Baker, Vice Chair Chang, and Members of the Committee, the Hawaii State Energy Office (HSEO) supports SB 768 S.D. 1, which establishes the rental car modernization task force, placed within the department of transportation for administrative purposes.

S.D. 1 focuses the purpose of the Act to begin planning to transition to electric rental motor vehicle fleets to achieve the State's zero-emission transportation goals and avoid disruption in the rental car market as vehicle manufacturers cease production of gasoline-powered vehicles. This purpose 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. For Hawaii to meet its statutory target "to sequester more greenhouse gases than emitted as soon as practicable, but no later than 2045," programs that support the adoption of cleaner transportation options are necessary and important.

The adoption and widespread deployment of electric vehicles is essential to reduce Hawaii's dependence on fossil fuels. Rental car efficiency is one of the recommended petroleum reduction tactics identified on page 9 of the Hawaii Clean Energy Initiative

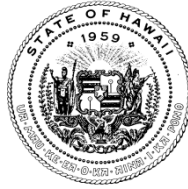
Transportation Energy Analysis, prepared for HSEO by the International Council on Clean Transportation. Incorporating electric vehicles into vehicle rental fleets will markedly increase exposure to electric vehicles, which can boost acceptance and adoption of electric vehicles by familiarizing residents and travelers with the technology and operating characteristics of the vehicles.

HSEO agrees that transitioning to electric rental motor vehicles will require appropriate electric charging infrastructure and capacity at airports, hotels, and other destinations to be successful. Assessing these locations to fully understand their ability to install and operate the necessary charging infrastructure to support a one hundred per cent zero-emission rental motor vehicle fleet by 2035 will provide the necessary information to ensure an effective transition plan. It is likely that significant electric system upgrades would be required to support level 3 DC fast charging infrastructure in many of the locations.

HSEO requests that Section 2, paragraph (b)(3) of the measure be amended to designate the chief energy officer of the Hawaii state energy office as a member of the task force in place of the administrator of the Hawaii state energy office, consistent with Section 196-72, Hawaii Revised Statutes.

As the State develops plans to achieve a decarbonized ground transportation sector, it is important to ensure the necessary infrastructure is in place to enable all market participants to address the effects of climate change to support the State's economy, environment, health, and way of life.

Thank you for the opportunity to testify.



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 23, 2021
9:30 a.m.
State Capitol, Room 229
Via Videoconference

S.B. 768, S.D. 1
RELATING TO ZERO EMISSION VEHICLES

Senate Committee on Commerce and Consumer Protection

The Department of Transportation – Airports Division (DOTA) **supports with comments** S.B. 768, S.D. 1, relating to assisting the transition to clean zero-emission rental motor vehicle fleets by establishing the rental car modernization task force within the department of transportation.

Although we support environmental and sustainable initiatives that sets goals to incorporate zero-emission vehicles in this proposed bill, the Consolidated Rental Car Facility under construction at the Daniel K. Inouye International Airport and Kahului Airport was not designed to accommodate the mandated fleet conversion proposed in this measure. At most, these facilities will support a few charging stations per rental car company and not entire fleets. Implementing the required electric vehicle supply equipment will be a significant cost to the State Airport system.

The DOTA requests that the task force analyzes how these parking structures will be able to accommodate charging station infrastructure and the financial requirements to complete it.

Thank you for the opportunity to provide testimony.



SB 768, SD 1, RELATING TO ZERO-EMISSION VEHICLES

FEBRUARY 23, 2021 · SENATE COMMERCE AND
CONSUMER PROTECTION COMMITTEE · CHAIR
SEN. ROSALYN H. BAKER

POSITION: Support.

RATIONALE: Imua Alliance supports SB 768, SD 1, relating to zero-emission vehicles, which establishes the rental car modernization task force, placed within the department of transportation for administrative purposes; the task force is to submit an initial report to the legislature no later than December 1, 2021 and a final report to the legislature no later than December 1, 2022; the task force sunsets and stands dissolved on May 31, 2023.

According to a report produced by the Hawai'i Climate Change Mitigation and Adaptation Commission, global sea levels could rise more than three feet by 2100, with more recent projections showing this occurring as early as 2060. In turn, over the next 30 to 70 years, approximately 6,500 structures and 19,800 people statewide will be exposed to chronic flooding.

Additionally, an estimated \$19 billion in economic loss would result from chronic flooding of land and structures located in exposure areas. Finally, approximately 38 miles of coastal roads and 550 cultural sites would be chronically flooded, on top of the 13 miles of beaches that have already been lost on Kaua'i, O'ahu, and Maui to erosion fronting shoreline armoring, like seawalls.

Furthermore, according to research conducted by Michael B. Gerrard from Columbia Law School, modern-day slavery tends to increase after natural disasters or conflicts where large numbers of

people are displaced from their homes. In the decades to come, says Gerrard, **climate change will very likely lead to a significant increase in the number of people who are displaced and, thus vulnerable, to human trafficking.** While the Paris Climate Agreement of 2015 established objectives to limit global temperature increases and several international agreements are aimed at combating modern-day slavery, it is highly uncertain whether they will be adequate to cope with the scale of the problem that is likely to occur as a result of climate change.

As we work to reduce carbon emissions and stave off the worst consequences of climate change, we must begin preparing for the adverse impact of sea level rise on our shores. We are now quantifying the speed at which we must act. We cannot continue to develop the 25,800-acre statewide sea level rise exposure area—one-third of which is designated for urban use—without risking massive structural damage and, potentially, great loss of life.

Therefore, we should take steps to accelerate Hawai'i's efforts to address climate change and develop a clean economy, including by reducing combustion-engine powered vehicles on our state's streets. Norway will end the sale of new cars that use fossil fuels in 2025. The Netherlands will enact a similar plan, but by 2030. France and the UK have called for total internal-combustion vehicle bans by 2040. Hawai'i should do the same and compel transportation companies affiliated with our visitor industry to follow suit, since these nations prove that we can transition our transportation sector to EV technology without damaging our economy. For the sake of our keiki, we cannot afford to wait to solidify strategies to preserve our island home for generations to come.

Kris Coffield · Executive Director, Imua Alliance · (808) 679-7454 · kris@imuaalliance.org

SB-768-SD-1

Submitted on: 2/21/2021 7:10:53 PM

Testimony for CPN on 2/23/2021 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Climate Protectors Hawaii (by Ted Bohlen)	Testifying for Climate Protectors Hawaii	Support	No

Comments:

To: The Honorable Rosalyn Baker, Chair, the Honorable Stanley Chang, Vice Chair, and members of the Senate Committee on Commerce and Consumer Protection

From: Climate Protectors Hawaii (by Ted Bohlen)

Re: SB768 SD1 RELATING TO ZERO-EMISSION VEHICLES

Decision Making Hearing: Tuesday, February 23, 2021 9:30 am, Room 229 and videoconference

Aloha Chair Baker, Vice Chair Chang and members of the Committee on Commerce and Consumer Protection:

The Climate Protectors Hawaii SUPPORTS SB768 SD1

Emissions from ground transportation account for the largest share of energy sector emissions in the state. Transportation emissions account 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,” programs that support the adoption of cleaner transportation options are necessary and important. The adoption and widespread deployment of electric vehicles is essential to reduce Hawaii’s dependence on fossil fuels. Incorporating electric vehicles into vehicle rental fleets will markedly increase exposure to electric vehicles, which can boost acceptance and adoption of electric vehicles by familiarizing residents and travelers with the technology and operating characteristics of the vehicles.

The purpose of this bill is to begin planning to transition to electric rental motor vehicle fleets in order to achieve the State's zero emission transportation goals and avoid disruption in the rental car market as vehicle manufacturers cease production of gasoline-powered vehicles. The bill establishes a task force charged with developing a

plan to ensure that electric vehicle charging infrastructure is installed at a rate and volume to support a 100% zero-emission rental motor vehicle fleet by 2035.

Although the Climate Protectors Hawaii preferred the clear transition deadlines set forth in the original bill, this task force is still a step forward.

Thank you for the opportunity to testify in support of transitioning rental motor vehicle fleets to zero-emissions by 2035.

Climate Protectors Hawaii (by Ted Bohlen)



Email: communications@ulupono.com

SENATE COMMITTEE ON COMMERCE & CONSUMER PROTECTION
Tuesday, February 23, 2021 — 9:30 a.m.

Ulupono Initiative supports the intent of SB 768 SD 1, Relating to Zero-Emission Vehicles.

Dear Chair Baker 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 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 the intent of SB 768 SD 1, which establishes the rental car modernization task force, placed within the Department of Transportation for administrative purposes; the task force is to submit an initial report to the legislature no later than December 1, 2021 and a final report to the legislature no later than December 1, 2022; and the task force sunsets and stands dissolved on May 31, 2023.

Ulupono supports Hawai'i's reduction of fossil fuel use as we strive to meet the State's 100% renewable goal by 2045. Though a number of governments around the globe have set much more aggressive precedents, establishing a working group to assist the rental industry in planning for a transition to zero-emission vehicles is a positive step forward for Hawai'i.

We would only recommend that the working group be sure to include equal participation from folks that are more familiar with electric vehicle charging as well as electric vehicles.

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

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 Europe, as well as China and British Columbia, who have taken similar measures to eliminate the sale of new fossil fuel vehicles.

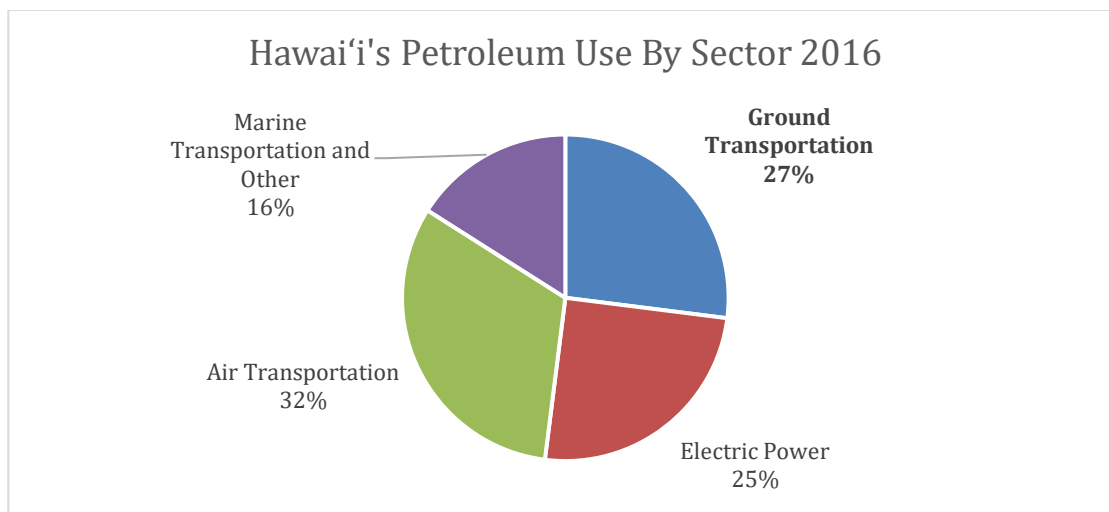
Most recently, Nissan committed to having every new vehicle in major markets (including the US) be electrified by the early 2030s, and General Motors (GM) committed to stop making gasoline and diesel cars, vans and SUVs by 2035.

Investing in a Sustainable Hawai'i

The future of transportation does not depend on fossil fuels and the State of Hawai'i should continue to lead by example and further show the world that Hawai'i is serious about the sustainability and resiliency of our community by encouraging EVs as this bill proposes.

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 reduces greenhouse gas (GHG) emissions immediately, 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 integrating 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.

Thank you for this opportunity to testify.

Respectfully,

Micah Munekata
Director of Government Affairs

DATE: February 22, 2021

TO: Senator Rosalyn Baker
Chair, Committee on Commerce and Consumer Protection

FROM: Mihoko Ito

RE: **S.B. 768, SD1 - Relating to Zero Emission Vehicles**
Hearing Date: Tuesday, February 23, 2021 at 9:30 a.m.
Conference Room 229

Dear Chair Baker, Vice Chair Chang, and Members of the Committee on Commerce and Consumer Protection:

We submit this testimony on behalf of Enterprise Holdings, which includes Enterprise Rent-A-Car, Alamo Rent-A-Car, National Car Rental, and Enterprise Commute (Van Pool).

Enterprise Holdings submits these **comments** on S.B. 768, SD1 which would establish a rental car modernization task force within the Department of Transportation that is tasked with transitioning rental car fleets to zero-emission vehicles.

Enterprise has been a leader in sustainability in its industry and has invested in sustainable transportation by incorporating fuel efficient vehicles in its fleets, and launching car sharing and van pool services in Hawaii. When electric vehicles first came onto the market, Enterprise launched a new program in Hawaii to incorporate electric vehicles into its fleet. Despite the significant investment in these EVs, consumer-driven demand for these vehicles was unsuccessful.

While Enterprise is supportive of the state's efforts to electrify transportation, rental car companies cannot require renters to choose electric vehicles and do not have the ability to install charging stations at CONRAC facilities where the majority of rentals cars are stored. Accordingly, we suggest amending section 2 subsection (c) as follows:

c) The task force shall develop a plan to **increase** ~~ensure that~~ electric vehicle charging infrastructure ~~is installed at a rate and volume to support a one hundred per cent zero-emission~~ the electrification of rental motor vehicle fleets ~~s by 2035~~.

Additionally, Enterprise is supportive of the state's efforts to move toward sustainable transportation and has participated in several working groups over the

years that were tasked with increasing zero-emission vehicle charging infrastructure. We appreciate the opportunity to continue to engage in productive conversations about ways to increase the availability of charging infrastructure and the growth of the electric vehicles market in a sustainable way without mandating requirements on private business. We would suggest the following amendment to include all representatives of the rental car industry:

(7) ~~A member representing~~ **Representatives of** the rental car industry, ~~as invited by the chair;~~

Thank you for the opportunity to submit these comments.



To: The Senate Committee on Commerce and Consumer Protection
From: Sherry Pollack, 350Hawaii.org
Date: Tuesday, February 23, 2021, 9:30 am

Comments for SB768 SD1

Aloha Chair Baker, Vice Chair Chang and members of the Committee on Commerce and Consumer Protection,

I am Co-Founder of the Hawaii chapter of 350.org, the largest international organization dedicated to fighting climate change. On behalf of our 6,000 members and supporters, 350Hawaii.org offers the following comments on this bill.

We are in strong support of SB768 that required rental car lessors to transition to one hundred percent zero-emission vehicles. SB768 *would have* incorporated large numbers of zero-emission vehicles into rental motor vehicle fleets which 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 demonstrate to all who visit the State that Hawaii is a leader in clean energy and sustainable transportation.

Please restore the original language in this bill. Environmental threats are growing worse and we are facing a climate crisis. SB768 was a great step towards the types of actions that we must begin to take in earnest if we are to avert climate catastrophe. We don't need a taskforce, particularly one that does not include community stakeholders, to simply delay the work that needs to begin now. The longer we delay the transformation to renewable energy, the closer we come to irreversible climate chaos.

Climate change is very much upon us. Important measures like SB768 should take effect absolutely as soon as possible. The UN IPCC report makes clear we have kicked the can down the road for far too long and must take immediate responsibility for the damage we've already done.

Zero-emission vehicles are better for the environment and the economy. They are the future for Hawaii and rental car fleets are the most logical place to accelerate progress on EV adoption statewide.

Thank you for the opportunity to testify.
Sherry Pollack
Co-Founder, 350Hawaii.org

Hawaii Electric Vehicle Association

PO BOX 6310
Hilo, HI 96720
hawaiidriveelectric@gmail.com



February 22, 2021

Aloha Chair Baker and Vice-Chair Chang,

LATE

Hawaii Electric Vehicle Association is in strong support of SB768 SD1.

Transportation accounts for a significant part of the globe's greenhouse gas emissions. In the U.S., the transportation sector contributes roughly 30%. Fossil fuel-powered vehicles contribute to a significant portion of Hawaii's emissions, pollute the air that we breathe, and perpetuates our dependence on oil imports. The electrification of transportation is helping to reduce emissions and heal our environment.

The call to accelerate the decarbonization of our transportation sector is increasing every day and is impossible to ignore. Major manufacturers are heeding the call and are not only delivering new electrified makes and models, but some have already declared future sunsetting of their gas-powered models (General Motors is an example). This is in response to changing consumer preferences (a desire for zero-emission transportation) and political pressure, e.g., bans on the sale of new gas-powered vehicles (California and New Jersey have announced bans).

Given the large number of vehicles in Hawaii's rental car fleet, it is important that we enable its electrification. **SB768 SD1** calls for the creation of a task force that will help define the strategy and tactics required for such transformation. There are significant barriers to this step change, e.g., inadequate public and private charging infrastructure. The proposed task force will identify the barriers and lay out proposals to address them. This will help us accelerate the decarbonization of our rental fleet.

Please support **SB768 SD1**.

Mahalo for your consideration!

Sincerely,

A handwritten signature in black ink, appearing to read "Noel Morin", written over a horizontal line.

Noel Morin - President

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

SB-768-SD-1

Submitted on: 2/20/2021 8:29:45 PM

Testimony for CPN on 2/23/2021 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Becky Gardner	Individual	Support	No

Comments:

I LOVE this proposal.

What a statement this will send to our visitors - that we are serious about taking care of our environment, and so should they!

SB-768-SD-1

Submitted on: 2/21/2021 9:49:59 AM

Testimony for CPN on 2/23/2021 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
TOM DIGRAZIA	Individual	Support	No

Comments:

Please restore the original language in the Bill. We do not need the delays inherent in yet another imbalanced task force to do what we all know must be done: immediate action to limit our carbon emissions and be an example to other states and nations of directly addressing the challenges of climate change.

SB-768-SD-1

Submitted on: 2/21/2021 2:35:13 PM

Testimony for CPN on 2/23/2021 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Joan Gannon	Individual	Support	No

Comments:

Hi Joan here from West Hawaii supporting SB768. Please bring back the original bill and drop the amendment. This would actually help Hawaii to phase into transitioning rental motor vehicles to zero-emissions vehicles, beginning with at least 10% by January 2025.

Thank you

Joan Gannon

SB-768-SD-1

Submitted on: 2/22/2021 1:14:46 AM

Testimony for CPN on 2/23/2021 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Janet Pappas	Individual	Support	No

Comments:

Dear CPN Committee Members,

The legislature finds that:

- 1) Most major auto manufacturers plan to phase out gasoline vehicles as quickly as possible
- 2) Gas-powered cars are more expensive to build than electric vehicles (EVs)
- 3) EVs are more reliable (require less maintenance) than gas-powered vehicles

In summary, "Gasoline-powered vehicles can no longer compete with electric vehicles in terms of performance, reliability, safety, or cost" (the Legislature's own words)

I am in strong support of SB768 to transition the State's fleet of rental vehicles to clean energy fuels as soon as possible. Hawaii imports fossil fuel to the tune of \$5 billion per year and two thirds of that is for transportation. Decarbonizing Hawaii's transportation sector needs to be one of the State's major goals.

Having purchased solar panels in 2008 and owning a Nissan Leaf EV since 2011 (which we charge at home), our family realizes the savings available in energy costs and car maintenance for anyone who takes this path. There is just no reason to continue with fossil-fueled electricity and gas-guzzling cars--especially for entire fleets.

The Legislature does not need another report. The legislature needs to take action.

Please skip the report and restore the original timeline for the gas-to-EV rental vehicle transition. Every month that is wasted means greater cost per vehicle, greater cost for maintenance and continued greenhouse gas emissions causing added climate change. We can't afford to wait any longer.

Please restore the timeline, including 10% transition by 2025 (or sooner). Anything less will be spending more money than is necessary.

Thank you for the opportunity to testify.

Sincerely,

Jan Pappas

Aiea, Hawaii

SB-768-SD-1

Submitted on: 2/20/2021 11:40:29 PM

Testimony for CPN on 2/23/2021 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Tadia Rice	Individual	Comments	No

Comments:

Please restore the original language of this bill! We don't need a taskforce, particularly one that does not include community stakeholders, to simply delay the work that needs to begin now.

Also, please restore the original language in this bill! Environmental threats are growing worse and we are facing a climate crisis. SB768 was a great step towards the types of actions that we must begin to take in earnest if we are to avert climate catastrophe. The longer we delay the transformation to renewable energy, the closer we come to irreversable climatic chaos.

SB-768-SD-1

Submitted on: 2/21/2021 7:47:08 AM

Testimony for CPN on 2/23/2021 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Tawn Keeney	Individual	Comments	No

Comments:

It is understood that legislature wishes to have a study of the timeline of transition to zero-emission rental car fleets. However, the timeline which legislature has placed for studying this issue clearly expresses it's casual and, I believe careless, attitude about impending climate catastrophe. There is no question that the preliminary report could be available by August of 2021 and the final report by December of 2021. The urgency of this report must reflect the urgency of our response to the climate crisis. Legislature has failed us if it allows this process to drag on until December of 2022. I believe that the transition of the rental car fleet to 100% zero emission vehicles could and must be complete by 2030, not 2035. If there is skepticism about this then please reflect on the reasons for this skepticism. The casual attitude reflected in this amendment's timeline does not reflect acknowledgement that we are in a climate crisis, a climate emergency. It reflects the same old 'business as usual' attitude which got us to this point of ecological and impending civilizational collapse. December, 2022 - I can't believe people, even legislators, are continuing to deny the urgency of response.

Tawn Keeney MD

SB-768-SD-1

Submitted on: 2/21/2021 6:52:23 AM

Testimony for CPN on 2/23/2021 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Caroline Kunitake	Individual	Comments	No

Comments:

Dear Chair Baker, Vice Chair Chang and Committee on Commerce and Consumer Protection,

Please removed the amendment to this bill.

Please restore the original language in this bill! Environmental threats are growing worse and we are facing a climate crisis. SB768 was a great step towards the types of actions that we must begin to take in earnest if we are to avert climate catastrophe. The longer we delay the tranformation to renewable energy, the closer we come to irreversable climatic chaos.

Thank you for taking the time to review this issue. I appreciate the opportunity to provide comments on this bill.

Mahalo,

Caroline Kunitake

SB-768-SD-1

Submitted on: 2/21/2021 7:20:16 AM

Testimony for CPN on 2/23/2021 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Dyson Chee	Individual	Comments	No

Comments:

Aloha Chair Baker, Vice-chair Chang, and members of the CPN committee,

My name is Dyson Chee, I am a resident of Ala Moana, and I am submitting testimony with comments on SB768 SD1. I urge you to please restore the original language of this bill. We do not need a taskforce, particularly one that does not include community stakeholders, to simply delay the work that needs to begin now.

We are facing a climate crisis. SB768 was a great step towards the types of actions that we must begin to take in earnest if we are to avert climate catastrophe. However, the SD1 amendment fails to take this step. The longer we delay the transformation to renewable energy, the closer we come to irreversible climatic chaos for future generations. I hope that you will restore the original language of SB768, and thank you for considering my testimony.

Sincerely,

Dyson Chee

SB-768-SD-1

Submitted on: 2/21/2021 4:34:13 PM

Testimony for CPN on 2/23/2021 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
anne zellinger	Individual	Comments	No

Comments:

-Please restore the original language of this bill! We don't need a taskforce, particularly one that does not include community stakeholders, to simply delay the work that needs to begin now.

- Please restore the original language in this bill! Environmental threats are growing worse and we are facing a climate crisis. SB768 was a great step towards the types of actions that we must begin to take in earnest if we are to avert climate catastrophe. The longer we delay the transformation to renewable energy, the closer we come to irreversable climatic chaos.

thank you,

anne zellinger

SB-768-SD-1

Submitted on: 2/22/2021 5:21:26 AM

Testimony for CPN on 2/23/2021 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Diane Ware	Individual	Comments	No

Comments:

Dear chair and committee members,

I am in support of the bill before amendment.

The Transportation Committee removed the language in the Bill that would have required rental car lessors to transition to one hundred percent zero-emission vehicles and in its place inserted language to create the Rental Car Modernization Task Force to submit reports and make recommendations. The task force members are specified, none of which represent community stakeholders. The original bill would have utilized a phased approach to transitioning rental motor vehicles to zero-emission vehicles, beginning with at least 10% by January 2025.

We need to move fast on climate actions and as it stands now this measure only delays decisions. During the pandemic and subsequent decrease in driving and emissions we residents have become more aware of detrimental effects of tourism particularly emissions and air quality which cost us dearly in healthcare, congestion, and road maintenance.

I urge you to remove the amendment and proceed with original intent.

Respectfully,

Diane Ware Kapoha Place Volcano 96785

SB-768-SD-1

Submitted on: 2/22/2021 8:01:40 AM

Testimony for CPN on 2/23/2021 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Andrea Nandoskar	Individual	Comments	No

Comments:

Please restore the original language in this bill! Environmental threats are growing worse and we are facing a climate crisis. SB768 was a great step towards the types of actions that we must begin to take in earnest if we are to avert climate catastrophe. The longer we delay the transformation to renewable energy, the closer we come to irreversible climatic chaos.

Mahalo for your consideration.

SB-768-SD-1

Submitted on: 2/22/2021 9:27:58 AM

Testimony for CPN on 2/23/2021 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
noel kent	Individual	Support	No

Comments:

Please support SB 768. Rental cars are a major source of pollution and greenhouse gases and this bil can help to reduce this and preserve the clean air of our islands and our planet's health. It will make a real contribution. Mahalo Noel

SB-768-SD-1

Submitted on: 2/22/2021 11:18:33 AM

Testimony for CPN on 2/23/2021 9:30:00 AM



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

Comments:

This is very important. Please don't water this down. The most important piece is the State forces them to start. 2025 for 10% saturation is too low, but once the rental companies start, they most likely will far exceed that. Why, because EV's are cheaper!!! For Example, Ford's CEO recnetly shared that the ALL Electirc F-150, (Beking production NEXT Year!) will save Fleet owners 40% on their costs: <https://cleantechnica.com/2020/09/17/electric-ford-f150-is-a-game-changer-for-fleets-with-a-40-lower-cost-of-ownership/>

Steve Parsons Kauai Resident, Wailua

SB-768-SD-1

Submitted on: 2/22/2021 2:08:58 PM

Testimony for CPN on 2/23/2021 9:30:00 AM

LATE

Submitted By	Organization	Testifier Position	Present at Hearing
Laura Gray	Individual	Support	No

Comments:

We need to pass this bill to move forward. We must do our part and stop putting off action if we hope to meet our obligation to leave a viable planet to our children. We have a steady stream of tourist traffic on Kam Hwy out where I live. This represents tons of needless pollution. Electric cars are great. I have driven one since 2006. They are safe, cheap, reliable and easy to drive. Please, let us do the right thing. Get rid of the monster jeeps that take up all the space in parking, and are so destructive for our roads and environment .Mahalo, Laura Gray R.N.

SB-768-SD-1

Submitted on: 2/22/2021 12:39:21 PM

Testimony for CPN on 2/23/2021 9:30:00 AM

LATE

Submitted By	Organization	Testifier Position	Present at Hearing
Dale Jensen	Individual	Comments	No

Comments:

Dear Chairmen Baker and CPN Committee:

SB768 began life as a very worthwhile idea, but has been diminished by the concept of a "Rental Car Modernization Task Force" to submit reports and make recommendations. One need only look at the worldwide scale of natural disasters related to climate change effects to understand that the time for major reductions in carbon emissions is now. People are going to have to get out of their comfort zone in order to meet international and Biden administration as well as State of Hawaii goals to reduce fossil fuel use. Please restore this bill to its original language and pass it to the full senate for passage or you may as well trash it as a useless waste of time and taxpayer money.

Sincerely,

Dale Jensen

Professional Engineer, Kailua, Oahu

SB-768-SD-1

Submitted on: 2/22/2021 2:25:07 PM

Testimony for CPN on 2/23/2021 9:30:00 AM

LATE

Submitted By	Organization	Testifier Position	Present at Hearing
Vivien Lee and Charlie Reppun	Individual	Support	No

Comments:

A small step in the right direction to deal with the climate emergency. Bigger question. How do we create a Steady-State/ No Growth economy with a fixed number of tourists every year?

LATE

SB-768-SD-1

Submitted on: 2/22/2021 9:46:14 PM

Testimony for CPN on 2/23/2021 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Nanea Lo	Individual	Comments	No

Comments:

Hello,

My name is Nanea Lo and I'm writing to submit comments on SB768 SD1.

Please restore the original language of this bill! We don't need a taskforce, particularly one that does not include community stakeholders, to simply delay the work that needs to begin now.

Environmental threats are growing worse and we are facing a climate crisis. SB768 was a great step towards the types of actions that we must begin to take in earnest if we are to avert climate catastrophe. The longer we delay the transformation to renewable energy, the closer we come to irreversible climatic chaos.

me ke aloha 'Ā• ina,

Nanea Lo

LATE

SB-768-SD-1

Submitted on: 2/22/2021 7:55:48 PM

Testimony for CPN on 2/23/2021 9:30:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Jesse Palmer	Individual	Support	No

Comments:

This is an important step in the electrification of our transportation sector and should be passed. Of course, electrification of the automobile will do nothing to solve traffic, or do much to decrease the overall energy use of the transportation sector. (Based on the current mix of energy generation in the the state, an electric car in Hawaii emits as much CO2 as a gasoline car getting 37 mpg. <https://blog.ucsusa.org/dave-reichmuth/are-electric-vehicles-really-better-for-the-climate-yes-heres-why>). So you're still better off driving a Prius, or a Honda Fit than a Tesla. In order to decarbonize transportation and solve traffic, we need a radical transformation of the transportation infrastructure to prioritize public buses (with their own designated lanes, as in Curitiba) and bikes as the only truly low carbon option. We also need to dramatically increase the speed of the transition to greener forms of energy, so that the electric vehicles that are used are actually lower carbon options.