

JAN 20 2023

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# A BILL FOR AN ACT

RELATING TO TRANSPORTATION.

**BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:**

1           SECTION 1. The legislature finds that transportation  
2 accounts for the majority of Hawaii's greenhouse gas emissions.  
3 However, Hawaii is ideally suited to serve as a unique incubator  
4 for innovative new technologies and services that will help  
5 countries around the world achieve zero-emissions  
6 transportation.

7           Hawaii is an island chain having a population density  
8 sufficient to support the electrification of ground  
9 transportation. Hawaii does not face the same issues of range  
10 anxiety found in larger jurisdictions. Hawaii can achieve  
11 electric charging saturation much more easily than larger or  
12 more sparsely populated jurisdictions. Hawaii is on track to  
13 achieve one hundred per cent clean electricity, which will make  
14 it possible to charge a truly clean transportation fleet.  
15 Further, Hawaii has excellent year-round weather, making it  
16 possible to significantly reduce the need for fossil fuel  
17 transportation year-round by enabling pedestrian, bicycle, and



1 other mobility for large portions of the population, as has  
2 already been achieved successfully in many other nations.

3       The legislature further finds that Hawaii is also ideally  
4 suited to serve as an incubator for short-range sea and air  
5 travel between the islands. Electric ferries of significant  
6 commercial scale already operate in coastal areas of Europe, and  
7 commercial electric aircraft are now entering markets in regions  
8 around the world. As vehicles scale up in size and range,  
9 Hawaii is a unique regional market of significant population and  
10 travel density in which to deploy new technologies and services.

11       Accordingly, the purpose of this Act is to establish  
12 long-term goals for zero-emissions transportation in Hawaii and  
13 abroad to achieve the reduction and elimination of  
14 transportation emissions, provide a commitment and support from  
15 the State to emerging companies looking to demonstrate and  
16 pioneer new technologies and services in the years to come, and  
17 establish working groups of government agencies and expert  
18 stakeholders to develop plans and recommendations to help  
19 achieve zero-emissions transportation.



1 SECTION 2. Chapter 225P, Hawaii Revised Statutes, is  
2 amended by adding a new part to be appropriately designated and  
3 to read as follows:

4 "PART . HAWAII TRANSPORTATION INITIATIVE

5 §225P-A Ground transportation working group; established.

6 (a) There is established a ground transportation working group  
7 within the department of transportation for administrative  
8 purposes.

9 (b) The working group shall:

- 10 (1) Develop metrics, benchmarks, plans, and  
11 recommendations for stakeholders and the legislature  
12 to achieve the goals of section 225P-C(a)(1);
- 13 (2) Coordinate with other groups, agencies, and programs  
14 in the State and outside of the State that are working  
15 to achieve zero-emissions transportation; and
- 16 (3) Coordinate with the State and applicable stakeholders  
17 to pursue grants and other funding opportunities to  
18 achieve the goals of section 225P-C(a)(1).

19 (c) The working group shall comprise the following:



- 1           (1) The director of transportation, or the director's  
2           designee, who shall serve as chairperson of the  
3           working group;
- 4           (2) The director of the office of planning and sustainable  
5           development, or the director's designee;
- 6           (3) The chief energy officer of the Hawaii state energy  
7           office, or the chief energy officer's designee;
- 8           (4) The co-chairpersons of the commission, or the  
9           co-chairpersons' designees; and
- 10          (5) Relevant stakeholders as recommended by the working  
11          group.
- 12          (d) The working group shall:
- 13          (1) Submit an annual report to the commission of the  
14          working group's activities performed, progress made,  
15          and recommendations to achieve the goals of  
16          section 225P-C(a)(1); and
- 17          (2) Submit a report on the progress made and  
18          recommendations to achieve the goals of  
19          section 225P-C(a)(1), including any proposed  
20          legislation, to the legislature no later than twenty  
21          days prior to the convening of each regular session.



1           **§225P-B Interisland and transpacific transportation**

2 **working group; established.** (a) There is established an  
3 interisland and transpacific transportation working group within  
4 the department of transportation for administrative purposes.

5           (b) The working group shall:

6           (1) Develop metrics, benchmarks, plans, and  
7           recommendations for stakeholders and the legislature  
8           to achieve the goals of section 225P-C(a)(2);

9           (2) Coordinate with other groups, agencies, and programs  
10           in the State and outside of the State that are working  
11           to achieve zero-emissions interisland transportation;

12           (3) Coordinate with other groups, agencies, and programs  
13           in the State and outside of the State that are  
14           developing interim solutions to long-haul zero-  
15           emissions transpacific transportation, including  
16           lower-carbon sustainable aviation fuels;

17           (4) Coordinate with stakeholders to identify twenty-five  
18           possible transportation hubs throughout the State  
19           supporting innovative point-to-point or island-to-  
20           island transportation options, including electric  
21           vertical takeoff and landing aircraft, electric sea



- 1 gliders, and other similar forms of innovative  
2 technology;
- 3 (5) Develop recommendations to allow for a coordinated  
4 package of environmental review, infrastructure  
5 planning, and other due diligence for fifteen sites  
6 throughout the State that will enable innovative  
7 transportation operators to more easily deploy  
8 innovative public transportation options; and
- 9 (6) Coordinate with the State and applicable stakeholders  
10 to pursue grants and other funding opportunities to  
11 achieve the goals of section 225P-C(a)(2).
- 12 (c) The working group shall comprise the following:
- 13 (1) The director of transportation, or the director's  
14 designee, who shall serve as chairperson of the  
15 working group;
- 16 (2) The director of the office of planning and sustainable  
17 development, or the director's designee;
- 18 (3) The chief energy officer of the Hawaii state energy  
19 office, or the chief energy officer's designee;
- 20 (4) The co-chairpersons of the commission, or the  
21 co-chairpersons' designees; and



1 (5) Relevant stakeholders, as recommended by the working  
2 group.

3 (d) The working group shall:

4 (1) Submit an annual report to the commission of the  
5 working group's activities performed, progress made,  
6 and recommendations to achieve the goals of section  
7 225P-C(a)(2); and

8 (2) Submit a report of the progress made and  
9 recommendations to achieve the goals of section  
10 225P-C(a)(2), including any proposed legislation, to  
11 the legislature no later than twenty days prior to the  
12 convening of each regular session.

13 **§225P-C Hawaii transportation initiative; established.**

14 (a) It shall be the goal of the State to reduce greenhouse gas  
15 emissions and achieve zero emissions across all transportation  
16 modes within the State, including across all sectors of:

17 (1) Ground transportation as soon as practicably possible;

18 (2) Interisland transportation as soon as practicably  
19 possible; and

20 (3) International transpacific transportation as soon as  
21 practicably possible.



1 (b) Each department, board, and commission shall endeavor  
2 to achieve the goals established in this section.

3 **§225P-D Innovative transportation infrastructure;**  
4 **department of transportation; requirements.** The department of  
5 transportation, office of planning and sustainable development,  
6 and Hawaii state energy office shall:

7 (1) Develop plans to ensure that the State's electric  
8 charging capacity is sufficient to support the growing  
9 use of electric vehicles in the State by increasing  
10 the State's electric charging capacity at a rate that  
11 exceeds the rate by which electric vehicle sales  
12 replace internal combustion vehicle sales;

13 (2) Allow continued access to high-occupancy vehicle lanes  
14 by electric vehicles until electric vehicles  
15 constitute at least forty per cent of all new vehicle  
16 sales; and

17 (3) Develop incentives to further promote the adoption of  
18 electric vehicles.

19 **§225P-E Rulemaking.** The department of transportation and  
20 Hawaii state energy office may adopt rules pursuant to  
21 chapter 91 to effectuate this part."





1 SECTION 3. Chapter 225P, Hawaii Revised Statutes, is  
2 amended by designating sections 225P-1 to 225P-7, Hawaii Revised  
3 Statutes, as part I, entitled "General Provisions".

4 SECTION 4. In codifying the new sections added by section  
5 2 of this Act, the revisor of statutes shall substitute  
6 appropriate section numbers for the letters used in designating  
7 the new sections in this Act.

8 SECTION 5. This Act shall take effect on July 1, 2023.

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INTRODUCED BY: 



# S.B. NO. 1024

**Report Title:**

Department of Transportation; Zero-emissions Transportation Goals; Ground Transportation; Interisland Transportation; Transpacific Transportation; Working Groups; Reports

**Description:**

Establishes long-term goals for zero-emissions transportation in Hawaii and abroad to reduce and eliminate transportation emissions. Establishes the ground transportation and interisland and transpacific transportation working groups. Requires annual reports to the Hawaii Climate Change Mitigation and Adaptation Commission and the Legislature.

*The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.*

