
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 with 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 service.

11 The purpose of this Act is to establish long-term goals for
12 zero emissions transportation in Hawaii and abroad to achieve
13 the reduction and elimination of transportation emissions,
14 provide a commitment and support from the State to emerging
15 companies looking to demonstrate and pioneer new technologies
16 and services in the years to come, and establish working groups
17 of government agencies and expert stakeholders to develop plans
18 and recommendations to help achieve zero emissions
19 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 CLEAN 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 co-chairperson of the
3 working group;
- 4 (2) The chief energy officer of the Hawaii state energy
5 office, or the chief energy officer's designee, who
6 shall serve as co-chairperson of the working group;
- 7 (3) The co-chairpersons of the commission, or the
8 co-chairpersons' designees; and
- 9 (4) Relevant stakeholders as recommended by the working
10 group.
- 11 (d) The working group shall:
- 12 (1) Submit an annual report to the commission of the
13 working group's activities performed, progress made,
14 and recommendations to achieve the goals of section
15 225P-C(a)(1); and
- 16 (2) Submit a report of the progress made and
17 recommendations to achieve the goals of
18 section 225P-C(a)(1), including any proposed
19 legislation, to the legislature no later than twenty
20 days prior to the convening of each regular session.



1 §225P-B Interisland transportation working group;

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

12 (3) Coordinate with the State and applicable stakeholders
13 to pursue grants and other funding opportunities to
14 achieve the goals of section 225P-C(a)(2).

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

16 (1) The director of transportation or the director's
17 designee, who shall serve as co-chairperson of the
18 working group;

19 (2) The chief energy officer of the Hawaii state energy
20 office, or the chief energy officer's designee, who
21 shall serve as co-chairperson of the working group;



- 1 (3) The co-chairpersons of the commission, or the
2 co-chairpersons' designees; and
- 3 (4) Relevant stakeholders as recommended by the working
4 group.
- 5 (d) The working group shall:
- 6 (1) Submit an annual report to the commission of the
7 working group's activities performed, progress made,
8 and recommendations to achieve the goals of
9 section 225P-C(a)(2); and
- 10 (2) Submit a report of the progress made and
11 recommendations to achieve the goals of
12 section 225P-C(a)(2), including any proposed
13 legislation, to the legislature no later than twenty
14 days prior to the convening of each regular session.
- 15 **§225P-C Hawaii clean transportation initiative;**
16 **established.** (a) It shall be the goal of the State to reduce
17 greenhouse gas emissions and achieve zero emissions across all
18 transportation modes within the State, including across all
19 sectors of:
- 20 (1) Ground transportation as soon as practicably possible;



1 (2) Interisland transportation as soon as practicably
2 possible; and

3 (3) International transpacific transportation as soon as
4 practicably possible.

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

7 §225P-D Electric vehicle sales growth; department of
8 transportation; requirements. The department of transportation
9 and state energy office shall:

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

16 (2) Allow continued access to high-occupancy vehicle lanes
17 by electric vehicles until electric vehicles
18 constitute at least twenty-five per cent of all new
19 vehicle sales; and

20 (3) Develop incentives to further promote the adoption of
21 electric vehicles.



1 §225P-E Rulemaking. The department of transportation and
2 state energy office may adopt rules pursuant to chapter 91 to
3 effectuate this part."

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

7 SECTION 4. In codifying the new sections added by section
8 2 of this Act, the revisor of statutes shall substitute
9 appropriate section numbers for the letters used in designating
10 the new sections in this Act.

11 SECTION 5. This Act shall take effect on July 1, 2022.



Report Title:

Department of Transportation; Zero Emissions Transportation Goals; Ground Transportation; Interisland Transportation; Working Groups; Electric Vehicles

Description:

Establishes the ground transportation and interisland transportation working groups. Requires the Department of Transportation to prepare for and incentivize the increased adoption of electric vehicles in the State. Establishes goals. (SD1)

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