
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:

12 (1) Establish long-term goals for zero-emissions
13 transportation in Hawaii and abroad and take steps to
14 achieve the reduction and elimination of
15 transportation emissions;

16 (2) Provide a commitment and support from the State to
17 emerging companies looking to demonstrate and pioneer
18 new technologies and services in the years to come;
19 and

20 (3) Establish working groups of government agencies and
21 expert stakeholders to develop plans and



1 recommendations and take steps to help achieve
2 zero-emissions transportation.

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

6 **"PART . HAWAII CLEAN TRANSPORTATION INITIATIVE**

7 **§225P-A Hawaii clean transportation initiative;**

8 **established.** (a) It shall be the goal of the State to reduce
9 greenhouse gas emissions and achieve zero emissions across all
10 transportation modes within the State, including across all
11 sectors of:

- 12 (1) Ground transportation;
- 13 (2) Interisland transportation; and
- 14 (3) Transpacific transportation.

15 (b) Each department, board, and commission shall
16 incorporate these goals into the department, board, or
17 commission's plans and take any actions necessary to achieve the
18 goals established in this section.

19 **§225P-B Clean ground transportation working group;**

20 **established.** (a) There is established a clean ground



1 transportation working group within the department of
2 transportation for administrative purposes.

3 (b) The working group shall:

4 (1) Develop metrics, benchmarks, plans, and
5 recommendations for the State to achieve the goals of
6 section 225P-A(a) (1);

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

10 (3) Coordinate with the State and applicable stakeholders
11 to pursue grants and other funding opportunities for
12 the State to achieve the goals of section
13 225P-A(a) (1).

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

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

18 (2) The director of the office of planning and sustainable
19 development, or the director's designee;



- 1 (3) The chief energy officer of the Hawaii state energy
- 2 office, or the chief energy officer's designee, who
- 3 shall serve as co-chairperson of the working group;
- 4 (4) The co-chairpersons of the commission, or the
- 5 co-chairpersons' designees;
- 6 (5) The chairpersons of the senate and house of
- 7 representatives standing committees having
- 8 jurisdiction over transportation;
- 9 (6) The mayor of each county, or their designees, who
- 10 shall be invited by the working group to participate;
- 11 and
- 12 (7) Other relevant stakeholders as recommended by the
- 13 working group.
- 14 (d) The working group shall:
- 15 (1) Submit an annual report to the commission of the
- 16 working group's activities performed, progress made,
- 17 and recommendations for the State to achieve the goals
- 18 of section 225P-A(a)(1); and
- 19 (2) Submit a report on the progress made and
- 20 recommendations for the State to achieve the goals of
- 21 section 225P-A(a)(1), including any proposed



1 legislation, to the legislature no later than twenty
2 days prior to the convening of each regular session.

3 **§225P-C Interisland and transpacific clean transportation**
4 **working group; established.** (a) There is established an
5 interisland and transpacific clean transportation working group
6 within the department of transportation for administrative
7 purposes.

8 (b) The working group shall:

9 (1) Develop metrics, benchmarks, plans, and
10 recommendations for the State to achieve the goals of
11 section 225P-A(a)(2) and (3);

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

15 (3) Coordinate with other groups, agencies, and programs
16 in the State and outside of the State that are
17 developing interim solutions to achieve long-haul
18 zero-emissions transpacific transportation, which may
19 include lower-carbon sustainable aviation fuels,
20 hydrogen-based fuel, or other potential options;



- 1 (4) Coordinate with stakeholders to identify twenty-five
2 possible transportation hubs throughout the State to
3 support innovative point-to-point or island-to-island
4 transportation options, including for options such as
5 electric vertical takeoff and landing aircraft,
6 electric sea gliders, and other similar forms of
7 innovative zero-emissions technology;
- 8 (5) Develop recommendations for a coordinated package of
9 environmental review, infrastructure planning, and
10 other due diligence for fifteen sites throughout the
11 State that shall enable innovative transportation
12 operators to more easily deploy innovative options for
13 zero-emissions transportation; and
- 14 (6) Coordinate with the State and applicable stakeholders
15 to pursue grants and other funding opportunities for
16 the State to achieve the goals of section 225P-A(a)(2)
17 and (3).
- 18 (c) The working group shall comprise the following:
- 19 (1) The director of transportation, or the director's
20 designee, who shall serve as co-chairperson of the
21 working group;



- 1 (2) The director of the office of planning and sustainable
2 development, or the director's designee;
- 3 (3) The chief energy officer of the Hawaii state energy
4 office, or the chief energy officer's designee, who
5 shall serve as co-chairperson of the working group;
- 6 (4) The co-chairpersons of the commission, or the
7 co-chairpersons' designees;
- 8 (5) The chairpersons of the senate and house of
9 representatives standing committees having
10 jurisdiction over transportation, or the chairpersons'
11 designees;
- 12 (6) The mayor of each county, or the mayor's designees,
13 who shall be invited by the working group to
14 participate; and
- 15 (7) Other relevant stakeholders, as recommended by the
16 working group.
- 17 (d) The working group shall:
 - 18 (1) Submit an annual report to the commission of the
19 working group's activities performed, progress made,
20 and recommendations for the State to achieve the goals
21 of section 225P-A(a) (2) and (3); and



1 (2) Submit a report of the progress made and
 2 recommendations for the State to achieve the goals of
 3 section 225P-A(a) (2) and (3), including any proposed
 4 legislation, to the legislature no later than twenty
 5 days prior to the convening of each regular session.

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

10 (1) Develop plans in coordination with the clean ground
 11 transportation working group and the interisland and
 12 transpacific clean transportation working group to
 13 ensure that the State's electric charging capacity is
 14 sufficient to support the growing use of electric
 15 modes of transportation in the State by providing for
 16 an increase of the State's electric charging capacity
 17 at a rate that exceeds:

18 (A) The rate by which electric vehicle sales are
 19 projected to replace internal combustion vehicle
 20 sales; and



1 (B) The rate by which other electric transportation
2 options are projected to require charging
3 capacity;

4 (2) Allow continued access to high-occupancy vehicle lanes
5 by electric vehicles until electric vehicles
6 constitute at least forty per cent of all new vehicle
7 sales; and

8 (3) Develop and implement other options to accelerate the
9 transition to zero-emissions transportation.

10 **§225P-E Rulemaking.** The department of transportation and
11 Hawaii state energy office may adopt rules pursuant to
12 chapter 91 to effectuate this part."

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

16 SECTION 4. In codifying the new sections added by section
17 2 of this Act, the revisor of statutes shall substitute
18 appropriate section numbers for the letters used in designating
19 the new sections in this Act.

20 SECTION 5. This Act shall take effect on July 1, 2050.



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 clean ground transportation working group and the interisland and transpacific clean transportation working group. Requires annual reports to the Hawaii climate change mitigation and adaptation commission and the legislature. Effective 7/1/2050. (SD2)

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

