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



1 population, as has already been achieved successfully in many
2 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 take steps to achieve the
14 reduction and elimination of transportation emissions;
- 15 (2) Provide a commitment and support from the State to
16 emerging companies looking to demonstrate and pioneer
17 new technologies and services in the years to come;
18 and
- 19 (3) Establish working groups of government agencies and
20 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 section to be appropriately designated
5 and to read as follows:

6 "§225P- Zero emissions transportation. (a) It shall be
7 the goal of the State to reduce greenhouse gas emissions and
8 achieve zero emissions across all transportation modes within
9 the State, including across all sectors of:

10 (1) Ground Transportation; and

11 (2) Sea and air interisland transportation.

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

16 (c) The department of transportation, office of planning
17 and sustainable development, and Hawaii state energy office
18 shall:

19 (1) Develop plans in coordination with the clean ground
20 transportation working group and interisland clean
21 transportation working group to ensure that the



1 State's electric charging capacity is sufficient to
2 support the growing use of electric modes of
3 transportation by providing for an increase of the
4 State's electric charging capacity at a rate that
5 exceeds:

6 (A) The rate by which electric vehicle sales are
7 projected to replace internal combustion vehicle
8 sales; and

9 (B) The rate by which other electric transportation
10 options are projected to require charging
11 capacity;

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

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

18 (d) The department of transportation and Hawaii state
19 energy office may adopt rules pursuant to chapter 91 to
20 effectuate this section."



1 SECTION 3. (a) There is established a clean ground
2 transportation working group within the department of
3 transportation for administrative purposes.

4 (b) The working group shall:

5 (1) Develop metrics, benchmarks, plans, and
6 recommendations for the State to achieve the goals set
7 forth in sections 225P-5 and 225P- (a), Hawaii
8 Revised Statutes;

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

12 (3) Coordinate with the State and applicable stakeholders
13 to pursue grants and other funding opportunities for
14 the State to achieve the goals set forth in sections
15 225P-5 and 225P- (a), Hawaii Revised Statutes;

16 (4) Consider reducing vehicle miles travelled and demand
17 management; and

18 (5) Consider equity concerns, including economic and
19 accessibility impacts to low-income communities.

20 (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 director of the office of planning and sustainable
- 8 development, or the director's designee;
- 9 (4) The co-chairpersons of the commission, or the
- 10 co-chairpersons' designees;
- 11 (5) The chairpersons of the senate and house of
- 12 representatives standing committees having primary
- 13 jurisdiction over transportation, or their designees;
- 14 (6) The mayor of each county, or their designees, who
- 15 shall be invited by the working group to participate;
- 16 and
- 17 (7) Other relevant stakeholders as recommended by the
- 18 working group.
- 19 (d) The working group shall:
- 20 (1) Submit annual interim reports to the commission of the
- 21 working group's activities performed, progress made,



1 and recommendations for the State to achieve the goals
2 set forth in sections 225P-5 and 225P- (a), Hawaii
3 Revised Statutes, twenty days prior to the convening
4 of each regular session from 2024 to 2034; and

5 (2) Submit a final report on the progress made and
6 recommendations for the State to achieve the goals set
7 forth in sections 225P-5 and 225P- (a), Hawaii
8 Revised Statutes, including any proposed legislation,
9 to the legislature no later than twenty days prior to
10 the convening of the regular session of 2035.

11 (e) The working group shall cease to exist on January 1,
12 2035.

13 SECTION 4. (a) There is established an interisland clean
14 transportation working group within the department of
15 transportation for administrative purposes.

16 (b) The working group shall:

17 (1) Develop metrics, benchmarks, plans, and
18 recommendations for the State to achieve the goals set
19 forth in sections 225P-5 and 225P- (a), Hawaii
20 Revised Statutes;



- 1 (2) Coordinate with other groups, agencies, and programs
2 within and outside of the State that are working to
3 achieve zero-emissions interisland transportation;
- 4 (3) Coordinate with other groups, agencies, and programs
5 within and outside of the State that are developing
6 interim solutions to achieve long-haul zero-emissions
7 transportation, which may include lower-carbon
8 sustainable aviation fuels, hydrogen-based fuel, or
9 other potential options;
- 10 (4) Coordinate with stakeholders to identify not less than
11 fifteen possible transportation hubs throughout the
12 State with at least two in each county to support
13 innovative point-to-point or island-to-island
14 transportation options, including options such as
15 electric vertical takeoff and landing aircraft,
16 electric sea gliders, and other similar forms of
17 innovative zero-emissions technology;
- 18 (5) Develop recommendations for a coordinated package of
19 environmental review, infrastructure planning, and
20 other due diligence for fifteen sites throughout the
21 State that shall enable innovative transportation



- 1 operators to more easily deploy innovative options for
2 zero-emissions transportation;
- 3 (6) Coordinate with the State and applicable stakeholders
4 to pursue grants and other funding opportunities for
5 the State to achieve the goals set forth in sections
6 225P-5 and 225P- (a), Hawaii Revised Statutes;
- 7 (7) Consider reducing vehicle miles travelled and demand
8 management; and
- 9 (8) Consider equity concerns, including economic and
10 accessibility impacts to low-income communities.
- 11 (c) The working group shall comprise the following:
- 12 (1) The director of transportation, or the director's
13 designee, who shall serve as co-chairperson of the
14 working group;
- 15 (2) The chief energy officer of the Hawaii state energy
16 office, or the chief energy officer's designee, who
17 shall serve as co-chairperson of the working group;
- 18 (3) The director of the office of planning and sustainable
19 development, or the director's designee;
- 20 (4) The co-chairpersons of the commission, or the
21 co-chairpersons' designees;



- 1 (5) The chairpersons of the senate and house of
- 2 representatives standing committees having primary
- 3 jurisdiction over transportation, or the chairpersons'
- 4 designees;
- 5 (6) The mayor of each county, or the mayor's designees,
- 6 who shall be invited by the working group to
- 7 participate; and
- 8 (7) Other relevant stakeholders, as recommended by the
- 9 working group.
- 10 (d) The working group shall:
- 11 (1) Submit annual interim reports to the commission of the
- 12 working group's activities performed, progress made,
- 13 and recommendations for the State to achieve the goals
- 14 set forth in sections 225P-5 and 225P- (a), Hawaii
- 15 Revised Statutes, twenty days prior to the convening
- 16 of each regular session from 2024 to 2034; and
- 17 (2) Submit a final report of the progress made and
- 18 recommendations for the State to achieve the goals set
- 19 forth in sections 225P-5 and 225P- (a), Hawaii
- 20 Revised Statutes, including any proposed legislation,



1 to the legislature no later than twenty days prior to
2 the convening of the regular session of 2035.

3 (e) The working group shall cease to exist on January 1,
4 2035.

5 SECTION 5. New statutory material is underscored.

6 SECTION 6. This Act shall take effect on July 1, 2023.



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 clean transportation working group. Requires reports to the Hawaii Climate Change Mitigation and Adaptation Commission and the Legislature. Effective 7/1/2023. (CD1)

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

