
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,



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

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

12 Accordingly, the purpose of this Act is to:

- 13 (1) Establish long-term goals for zero-emissions
14 transportation in Hawaii and take steps to achieve the
15 reduction and elimination of 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. Section 225P-7, Hawaii Revised Statutes, is
4 amended to read as follows:

5 "[~~§~~225P-7~~§~~] **Climate change mitigation.** (a) It shall
6 be the goal of the State to reduce emissions that cause climate
7 change and build energy efficiencies across all sectors,
8 including decarbonizing the transportation sector.

9 (b) State agencies shall manage their fleets to achieve
10 the clean ground transportation goals defined in section 196-
11 9(c)(10) and decarbonization goals established pursuant to
12 chapter 225P.

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

- 17 (1) Ground transportation; and
- 18 (2) Interisland transportation.

19 (d) Each department, board, and commission shall
20 incorporate these goals into the department, board, or



1 commission's plans and take any actions necessary to achieve the
2 goals established in this section.

3 (e) The department of transportation and Hawaii state
4 energy office may adopt rules pursuant to chapter 91 to
5 effectuate this section."

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

9 (b) The working group shall:

10 (1) Develop metrics, benchmarks, plans, and
11 recommendations for the State to achieve the goals set
12 forth in section 225P-7(c) (1);

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

16 (3) Coordinate with the State and applicable stakeholders
17 to pursue grants and other funding opportunities for
18 the State to achieve the goals set forth in section
19 225P-7(c) (1);

20 (4) Consider reducing vehicle miles travelled and demand
21 management; and



- 1 (5) Consider equity concerns, including economic and
2 accessibility impacts to low-income communities.
- 3 (c) The working group shall comprise the following:
- 4 (1) The director of transportation, or the director's
5 designee, who shall serve as co-chairperson of the
6 working group;
- 7 (2) The chief energy officer of the Hawaii state energy
8 office, or the chief energy officer's designee, who
9 shall serve as co-chairperson of the working group;
- 10 (3) The director of the office of planning and sustainable
11 development, or the director's designee;
- 12 (4) The co-chairpersons of the commission, or the
13 co-chairpersons' designees;
- 14 (5) The chairpersons of the senate and house of
15 representatives standing committees having primary
16 jurisdiction over transportation, or their designees;
- 17 (6) The mayor of each county, or their designees, who
18 shall be invited by the working group to participate;
19 and
- 20 (7) Other relevant stakeholders as recommended by the
21 working group.



- 1 (d) The working group shall:
- 2 (1) Submit annual interim reports to the commission of the
- 3 working group's activities performed, progress made,
- 4 and recommendations for the State to achieve the goals
- 5 set forth in section 225P-7(c) (1) twenty days prior to
- 6 the convening of the regular sessions of 2024, 2025,
- 7 and 2026; and
- 8 (2) Submit a final report on the progress made and
- 9 recommendations for the State to achieve the goals set
- 10 forth in section 225P-7(c) (1), including any proposed
- 11 legislation, to the legislature no later than twenty
- 12 days prior to the convening of the regular session of
- 13 2027.
- 14 (e) The working group shall cease to exist on January 1,
- 15 2027.

16 SECTION 4. (a) There is established an interisland clean

17 transportation working group within the department of

18 transportation for administrative purposes.

- 19 (b) The working group shall:



- 1 (1) Develop metrics, benchmarks, plans, and
2 recommendations for the State to achieve the goals set
3 forth in section 225P-7(c) (2);
- 4 (2) Coordinate with other groups, agencies, and programs
5 within and outside of the State that are working to
6 achieve zero-emissions interisland transportation;
- 7 (3) Coordinate with other groups, agencies, and programs
8 within and outside of the State that are developing
9 interim solutions to achieve long-haul zero-emissions
10 transportation, which may include lower-carbon
11 sustainable aviation fuels, hydrogen-based fuel, or
12 other potential options;
- 13 (4) Coordinate with stakeholders to identify no less than
14 ten possible transportation hubs throughout the State
15 with at least one on each of the six major islands to
16 support innovative point-to-point or island-to-island
17 transportation options, including options such as
18 electric vertical takeoff and landing aircraft,
19 electric sea gliders, and other similar forms of
20 innovative zero-emissions technology;



- 1 (5) Develop recommendations for a coordinated package of
2 environmental review, infrastructure planning, and
3 other due diligence for fifteen sites throughout the
4 State that shall enable innovative transportation
5 operators to more easily deploy innovative options for
6 zero-emissions transportation;
- 7 (6) Coordinate with the State and applicable stakeholders
8 to pursue grants and other funding opportunities for
9 the State to achieve the goals set forth in section
10 225P-7(c) (2);
- 11 (7) Consider reducing vehicle miles travelled and demand
12 management; and
- 13 (8) Consider equity concerns, including economic and
14 accessibility impacts to low-income communities
- 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 director of the office of planning and sustainable
2 development, or the director's designee;
- 3 (4) The co-chairpersons of the commission, or the
4 co-chairpersons' designees;
- 5 (5) The chairpersons of the senate and house of
6 representatives standing committees having primary
7 jurisdiction over transportation, or the chairpersons'
8 designees;
- 9 (6) The mayor of each county, or the mayor's designees,
10 who shall be invited by the working group to
11 participate; and
- 12 (7) Other relevant stakeholders, as recommended by the
13 working group.
- 14 (d) The working group shall:
- 15 (1) Submit annual interim reports to the commission of the
16 working group's activities performed, progress made,
17 and recommendations for the State to achieve the goals
18 set forth in section 225P-7(c)(2) twenty days prior to
19 the convening of the regular sessions of 2024, 2025,
20 and 2026; and



1 (2) Submit a final report of the progress made and
2 recommendations for the State to achieve the goals set
3 forth in section 225P-7(c)(2), including any proposed
4 legislation, to the legislature no later than twenty
5 days prior to the convening of the regular session of
6 2027.

7 (e) The working group shall cease to exist on January 1,
8 2027.

9 SECTION 5. The department of transportation, office of
10 planning and sustainable development, and Hawaii state energy
11 office shall:

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



1 (A) The rate by which electric vehicle sales are
2 projected to replace internal combustion vehicle
3 sales; and

4 (B) The rate by which other electric transportation
5 options are projected to require charging
6 capacity;

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

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

13 SECTION 6. This Act shall take effect on June 30, 3000.



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 6/30/3000. (HD1)

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