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# A BILL FOR AN ACT

MAKING AN APPROPRIATION FOR A STUDY ON ENERGY EFFICIENT  
TRANSPORTATION STRATEGIES.

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

1           SECTION 1. (a) Act 254, Session Laws of Hawaii 2007 (Act  
2 254), appropriated funds to the Hawaii energy policy forum at  
3 the University of Hawaii at Manoa to conduct a study on energy-  
4 efficient transportation strategies in conjunction with the  
5 department of business, economic development, and tourism. Act  
6 254 required that the study include the following criteria in  
7 its analysis:

8           (1) Developing tangible goals, objectives, desired  
9 outcomes, and actions to implement an energy-efficient  
10 transportation strategy;

11           (2) Developing implementation benchmarks for measuring  
12 outcomes of energy-efficient transportation  
13 strategies; and

14           (3) A cost-benefit analysis of each energy-efficient  
15 transportation strategy.

16           The Hawaii energy policy forum then convened a working  
17 group in August 2007 to develop the parameters of the study.

18           The energy-efficient transportation strategies working group is



1 a diverse group whose members include representatives from the  
2 department of transportation, the department of business,  
3 economic development, and tourism, each county's transportation  
4 agency, labor organizations, transportation planning  
5 organizations, petroleum refineries, and the automobile sales  
6 and manufacturing industries.

7 The working group developed a vision of an energy-efficient  
8 transportation system that integrates effective community input  
9 and planning (demand), and offers people of all ages and walks  
10 of life flexible options (supply), including mass transit,  
11 private and public vehicles, and self-powered conveyance in  
12 alternative combinations that provide mobility at acceptable  
13 cost.

14 (b) The working group also established three goals on  
15 which the study should focus:

16 (1) Increase choices for modes of travel: multiple modes  
17 of travel permit greater public choice for efficient  
18 and flexible trip planning;

19 (2) Increase fuel efficiency of vehicle population:  
20 incentives to improve the fuel efficiency of Hawaii's  
21 vehicle population will influence consumer behavior in  
22 favor of buying and using more efficient vehicles; and



1 (3) Diversify energy sources available to meet  
2 transportation energy needs: greater diversity of  
3 energy sources provides additional flexibility in  
4 meeting the energy needs of the transportation sector.

5 (c) The working group also agreed upon the following:

6 (1) In order to agree upon specific transportation energy-  
7 efficiency benchmarks and goals for the state as  
8 required by Act 254, additional review of relevant  
9 data is needed. The data that the working group  
10 should consider includes transportation demand and  
11 fuel consumption data from the State and counties and  
12 their respective government agency sources.

13 (2) The state will be more likely to meet these goals and  
14 make progress toward meeting long-term benchmarks if  
15 current information on transportation system energy-  
16 efficiency is regularly available and changes in  
17 energy-efficiency of the transportation sector are  
18 regularly monitored; and

19 (3) In order to regularly monitor progress toward meeting  
20 the recommended benchmarks, a statewide transportation  
21 energy-efficiency information and monitoring system  
22 should be established and maintained.



1           The working group, however, agreed that specific outcomes,  
2 objectives, and benchmarks, as well as initiatives, would be  
3 developed without examining baseline data and developing a  
4 system that would monitor progress. The working group,  
5 therefore, agreed upon the strategies detailed in section 2(b)  
6 of this Act for the coming year to build the foundation for the  
7 system.

8           (d) The purpose of this Act is to appropriate funds for  
9 the Hawaii energy policy forum to continue its work with the  
10 energy-efficient transportation strategies working group created  
11 by Act 254, Session Laws of Hawaii 2007, to develop energy-  
12 efficient transportation strategies.

13           SECTION 2. (a) The Hawaii energy policy forum at the  
14 University of Hawaii at Manoa shall conduct a study on energy-  
15 efficient transportation strategies in conjunction with the  
16 department of business, economic development, and tourism;  
17 department of transportation; each county; and other members of  
18 the energy-efficient transportation strategies working group.

19           (b) The energy-efficient transportation strategies study  
20 under subsection (a) shall include but not be limited to:

21           (1) Determining the availability of data from government  
22           and business sources;



1 (2) Identifying gaps in critical data; and

2 (3) Developing a reasonable and workable plan for  
3 developing, using, and maintaining a statewide  
4 transportation energy-efficiency information and  
5 monitoring system.

6 (c) The social sciences public policy center at the  
7 University of Hawaii at Manoa shall continue to engage and  
8 integrate the energy-efficient transportation strategies working  
9 group, comprised of Hawaii's business, government, labor, and  
10 community leaders, into the study on energy-efficient  
11 transportation strategies.

12 (d) The department of business, economic development, and  
13 tourism; the department of transportation; and other members of  
14 the working group shall consult and assist the social sciences  
15 public policy center at the University of Hawaii at Manoa on the  
16 energy-efficient transportation strategies study.

17 (e) The Hawaii energy policy forum shall submit an interim  
18 report of its progress to the legislature no later than twenty  
19 days prior to the convening of the regular session of 2009, and  
20 a final report of its findings and recommendations to the  
21 legislature no later than twenty days prior to the convening of  
22 the regular session of 2010.



1           SECTION 3. There is appropriated out of the general  
2 revenues of the State of Hawaii the sum of \$           or so much  
3 thereof as may be necessary for fiscal year 2008-2009 to collect  
4 and analyze data and to develop a plan for developing, using,  
5 and maintaining a statewide transportation energy-efficiency  
6 information and monitoring system.

7           The sum appropriated shall be expended by the social  
8 sciences public policy center at the University of Hawaii at  
9 Manoa for the purpose of this Act.

10          SECTION 4. This Act shall take effect on July 1, 2020.



**Report Title:**

Energy-Efficient Transportation Strategies; Appropriation

**Description:**

Appropriates funds for the Hawaii Energy Policy Forum to continue its study with the Energy-efficient Transportation Strategies Working Group to develop energy-efficient transportation strategies. (HB2004 HD2)

