
A BILL FOR AN ACT

RELATING TO A BIOENERGY MASTER PLAN.

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

1 SECTION 1. The legislature finds that significant steps
2 were taken during the 2006 legislative session to move Hawaii
3 towards a more sustainable energy future: renewable energy tax
4 credits were increased and made permanent, programs for
5 renewable hydrogen and solar water heating were established, and
6 energy efficiency measures are now required to be considered by
7 state agencies. A biofuel preference for state agencies was
8 also established as well as a mandate requiring twenty per cent
9 of highway fuels be comprised of alternate fuels by the year
10 2020.

11 The legislature also finds that Hawaii should further
12 diversify its energy system and reduce its dependence on
13 imported petroleum by introducing bioenergy resources into the
14 overall energy system.

15 In response to this desire to diversify Hawaii's energy
16 system, a biofuels summit and a bioenergy workshop were held
17 during 2006 to explore the potential for a domestic bioenergy



1 and biofuels future. Both resulted in the realization that
2 initiating a bioenergy industry in Hawaii must first address a
3 diverse and very complex set of issues that involves many public
4 and private stakeholders.

5 These two activities demonstrated the effectiveness of
6 facilitated collaboration and pointed to the value of a
7 mechanism to coordinate development of supply, production
8 capability, and infrastructure, each with long independent lead
9 times, which is understood and supported by both public and
10 private stakeholders. Therefore, the legislature finds that the
11 preparation of a biofuels master plan is necessary to establish
12 a cohesive roadmap for the development of a bioenergy industry
13 in Hawaii.

14 The purpose of this Act is to task the department of
15 business, economic development, and tourism with the development
16 and preparation of a bioenergy master plan for Hawaii. This
17 master plan will set the course for the coordination and
18 implementation of policies and procedures to develop a bioenergy
19 industry in Hawaii.

20 SECTION 2. (a) The department of business, economic
21 development, and tourism shall develop and prepare a bioenergy



1 master plan. The bioenergy master plan shall address but is not
2 limited to the following issues:

- 3 (1) Specific objectives, milestones, and timelines;
- 4 (2) Water resources;
- 5 (3) Land resources;
- 6 (4) Distribution infrastructure for both marine and land;
- 7 (5) Labor resources and issues;
- 8 (6) Technology to develop bioenergy feedstock and
9 biofuels;
- 10 (7) Permitting issues;
- 11 (8) Financial incentives and barriers and other funding
12 issues;
- 13 (9) Business partnering;
- 14 (10) Policy requirements necessary for implementation of
15 the master plan; and
- 16 (11) Identification and analysis of the impacts of
17 transitioning to a bioenergy economy.

18 (b) The department of business, economic development, and
19 tourism shall submit an interim report of its progress,
20 including any proposed legislation to facilitate the
21 finalization of a master plan or support preliminary findings to
22 accelerate the implementation of a bioenergy future for Hawaii,



1 to the legislature no later than twenty days prior to the
2 convening of the regular session of 2008. The department shall
3 submit a final report, including the bioenergy master plan, as
4 well as any proposed legislation, to the legislature no later
5 than twenty days prior to the convening of the regular session
6 of 2009.

7 SECTION 3. There is appropriated out of the general
8 revenues of the State of Hawaii the sum of \$500,000, or so much
9 thereof as may be necessary for fiscal year 2007-2008, and the
10 same sum, or so much thereof as may be necessary for fiscal year
11 2008-2009.

12 The sums appropriated shall be expended by the department
13 of business, economic development, and tourism for the purposes
14 of this Act.

15 SECTION 4. This Act shall take effect on July 1, 2007.



Report Title:

Bioenergy; Master Plan

Description:

Requires the department of business, economic development, and tourism to develop and prepare a bioenergy master plan that sets the course for the coordination and implementation of policies and procedures to develop a bioenergy industry in Hawaii. Appropriates funds.

