
A BILL FOR AN ACT

RELATING TO ALTERNATIVE ENERGY RESOURCES.

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

1 SECTION 1. The University of Hawaii's college of
2 agriculture, forestry, and natural resource management is
3 partnering with environmental research institutions, private
4 businesses, and landowners on the island of Hawaii in a joint
5 venture to study the propagation and use of the oil palm
6 (*elaensis guieensis*) and the shrub (*jatropha curcas*). The goal
7 of this venture is to create a highly efficient, marketable, and
8 agriculturally based resource for the production of biofuel to
9 stem Hawaii's high dependence on imported fuel.

10 The island of Hawaii is an ideal location for such an
11 agricultural project of this nature. It has large tracts of
12 land to support agriculture, a climate similar to that in which
13 *elaensis* and the *jatropha* thrive, and a proven history of the
14 ability to support nut and fern plants.

15 *Elaensis guieensis* and *jatropha curcas* plants offer
16 unsurpassed efficiency in their favorable ratio of land usage to
17 oil production. They hold the potential to yield a much greater
18 profit, and use less land area than other proposed biofuel crop



1 sources. These plants produce hundreds of gallons of oil per
 2 acre that can be used to create biofuel. The byproducts of this
 3 process can also be used for fish and cattle feed, or fertilizer
 4 to support a diverse and strong agricultural industry in the
 5 state and create hundreds if not thousands of job opportunities.

6 The purpose of this Act is to appropriate funds to support
 7 the creation of a biofuel research institute at the University
 8 of Hawaii's college of agriculture, forestry, and natural
 9 resource management to study and investigate the potential and
 10 the possible introduction of agricultural-based, economically-
 11 viable, and renewable energy sources to the State of Hawaii.

12 SECTION 2. There is appropriated out of the general
 13 revenues of the State of Hawaii the sum of \$ or so much
 14 thereof as may be necessary for fiscal year 2007-2008 for the
 15 creation of a biofuel research institute at the University of
 16 Hawaii's college of agriculture, forestry, and natural resource
 17 management.

18 The sum appropriated shall be expended by the University of
 19 Hawaii for the purposes of this Act.

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Report Title:

Alternative Energy Sources; Biofuel

Description:

Appropriates funds to support the creation of a Biofuel Research Institute at the University of Hawaii's College of Agriculture, Forestry, and Natural Resource Management.

