
A BILL FOR AN ACT

RELATING TO WORKFORCE DEVELOPMENT.

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

1 SECTION 1. The legislature finds that the Pacific
2 international space center for exploration systems is an
3 economic driver for the State that promotes the establishment
4 and growth of new, sustainable, and green industries; associated
5 jobs; workforce development; internships; and science,
6 technology, engineering, and mathematics programs.

7 The legislature further finds that the center's work in
8 technologies for sustaining human exploration often has
9 terrestrial applications in Hawaii that promote and expand
10 economic development opportunities for the State outside of the
11 aerospace sector. The development of these technologies could
12 advance both the frontiers of space exploration and the
13 sustainability of our community.

14 The legislature further finds that on the moon and the
15 planet Mars, the most easily obtained material for building
16 structures is basalt rock. Basalt's unique properties make it
17 an excellent material for a variety of specialized applications.



1 Basalt fibers are currently being used in the manufacturing of
2 various products that include rebar, mesh, rope, and fabric.
3 These products have extraordinary properties with regard to
4 strength, durability, chemical resistance, thermal insulation,
5 and radiation tolerance. Currently there is no domestic
6 producer of basalt fiber.

7 The legislature further finds that a Hawaii based basalt
8 fiber plant, and derivative basalt rebar production, will
9 leverage Hawaii's basalt resources to reduce the import of steel
10 rebar and provide a domestic source of basalt fiber and its
11 derived products.

12 The legislature further finds that there is a private-
13 sector interest in locating basalt fiber and developing a rebar
14 manufacturing facility in Hawaii. As a potential economic
15 sector in Hawaii, there is a need for a market assessment and
16 feasibility study to evaluate markets, time frames, and other
17 drivers.

18 The purpose of this Act is to provide state funding for a
19 market study to evaluate and assess the feasibility of
20 developing a basalt fiber facility in Hawaii.



1 SECTION 2. 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 2017-2018 and the
4 same sum or so much thereof as may be necessary for fiscal year
5 2018-2019 for a market assessment study to evaluate and assess
6 the feasibility of developing a basalt fiber facility in Hawaii.

7 The sums appropriated shall be expended by the department
8 of business, economic development, and tourism for the purposes
9 of this Act.

10 SECTION 3. This Act shall take effect on July 1, 2038.



Report Title:

Basalt Fiber; Market Study; Appropriation

Description:

Appropriates funds for a market study to evaluate and assess the feasibility of developing a basalt fiber facility in Hawaii.
(HB1326 HD2)

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