
HOUSE RESOLUTION

REQUESTING THE UNIVERSITY OF HAWAII AT MANOA GREEN ROOF
FEASIBILITY TEAM TO RECOMMEND INCENTIVES THAT MAY BE
ESTABLISHED BY THE STATE TO ENCOURAGE GREEN ROOFING.

1 WHEREAS, expanding growth is contributing to the loss of
2 open spaces and natural habitats in suburban and urban areas of
3 the State; and

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5 WHEREAS, municipalities across the country and worldwide
6 have seen the significant economic, cultural, and ecological
7 benefits from green roof construction; and

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9 WHEREAS, examples of green roofing already exist in
10 Honolulu, including the Hawaii State Capitol Building and the
11 Kalanimoku Building, where the roof over a large area of the
12 parking garage is covered with fields of open grass, flowers,
13 and shrubs; and

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15 WHEREAS, local efforts to develop and encourage the use of
16 green roof technology should be built upon the existing research
17 of the University of Hawaii Botany Department, the College of
18 Tropical Agriculture and Human Resources, and the City and
19 County of Honolulu's efforts to encourage its use; and

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21 WHEREAS, research has shown green roofing to have many
22 public benefits, including decreasing the urban heat index,
23 providing spaces for endemic plants to grow in areas that
24 otherwise lack biodiversity, improved rain water management,
25 improved air quality, and increased green space;

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27 WHEREAS, green roofing also has many benefits that accrue
28 directly to the property owner, including reducing energy
29 consumption, extending roof life, increasing the overall
30 property value for the property owner, and increasing property
31 values for surrounding property owners, especially in urban
32 areas, by creating a more aesthetic view plane;



1 WHEREAS, Senate Resolution No. 86 (Regular Session of
2 2006), requested the University of Hawaii, College of Tropical
3 Agriculture and Human Resources, to study voluntary rooftop
4 landscaping and agriculture in urban districts; and
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6 WHEREAS, the resulting report, entitled "Feasibility of
7 Green Roofs in Hawaii", indicated that seventy-seven per cent of
8 surveyed property owners were supporting or very supportive of
9 the government promoting the use and installation of green roof
10 systems; and
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12 WHEREAS, the report also recommended an increase in the
13 availability of public educational information on the benefits
14 of green roofs; now, therefore,
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16 BE IT RESOLVED by the House of Representatives of the
17 Twenty-fourth Legislature of the State of Hawaii, Regular
18 Session of 2008, that the University of Hawaii at Manoa Green
19 Roof Feasibility Team is requested recommend incentives that may
20 be adopted specifically by the State to encourage green roofing;
21 and
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23 BE IT FURTHER RESOLVED that the University of Hawaii at
24 Manoa Green Roof Feasibility Team, in preparing its
25 recommendations, is encouraged to collaborate with the
26 University of Hawaii School of Architecture, Landscape
27 Industries Council of Hawaii, the Hawaii chapter of the American
28 Planning Association, the Hawaii chapter of the American
29 Institute of Architects, the Urban Land Institute, the Hawaii
30 chapter of the American Society of Landscape Architects, the
31 Building Industry Association of Hawaii, and the Roofing
32 Contractors Association of Hawaii; and
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34 BE IT FURTHER RESOLVED that the University of Hawaii at
35 Manoa Green Roof Feasibility Team is requested to submit a
36 report of its findings and recommendations, including any
37 proposed legislation, to the Legislature no later than twenty
38 days prior to the convening of the Regular Session of 2009; and
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40 BE IT FURTHER RESOLVED that certified copies of this
41 Resolution be transmitted to the President of the University of
42 Hawaii at Manoa, the chairperson of the Green Roof Feasibility
43 Team, the Dean of the University of Hawaii School of
44 Architecture, who in turn is requested to transmit copies to the



1 Executive Directors of the Landscape Industries Council of
2 Hawaii, the Hawaii chapter of the American Planning Association,
3 the Hawaii chapter of the American Institute of Architects, the
4 Urban Land Institute, the Hawaii chapter of the American Society
5 of Landscape Architects, the Building Industry Association of
6 Hawaii, and the Roofing Contactors Association of Hawaii.

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