

MAR 10 2017

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# SENATE RESOLUTION

REQUESTING THE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT, AND  
TOURISM, IN CONJUNCTION WITH THE DEPARTMENT OF AGRICULTURE,  
TO STUDY THE ECONOMIC IMPACTS OF VERTICAL FARMING  
OPERATIONS.

1           WHEREAS, vertical farming produces food indoors in vertical  
2 stacked layers; and

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4           WHEREAS, vertical farming uses indoor farming techniques  
5 and controlled-environment agriculture technology; and

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7           WHEREAS, vertical farming has great potential to increase  
8 crop yields in limited land space; and

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10          WHEREAS, current agricultural practices in Hawaii utilize  
11 traditional surface farming, which may be inefficient  
12 considering Hawaii's limited land space and high land costs; and

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14          WHEREAS, other countries such as Singapore have been  
15 successful with vertical farming operations, which balances  
16 urban development and food sustenance necessities; and

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18          WHEREAS, Hawaii must entertain alternatives to its current  
19 agricultural operations by bringing in fresh ideas in connection  
20 with utilizing the 'āina and practicing responsible land  
21 stewardship; now, therefore,

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23          BE IT RESOLVED by the Senate of the Twenty-ninth  
24 Legislature of the State of Hawaii, Regular Session of 2017,  
25 that the Department of Business, Economic Development, and  
26 Tourism, in conjunction with the Department of Agriculture, is  
27 requested to study the economic impacts of vertical farming  
28 operations; and

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30          BE IT FURTHER RESOLVED that the study focus on food  
31 production, potential job creation opportunities, and  
32 identifying areas in urban settings that can be used for  
33 vertical farming; and



# S.R. NO. 72

1 BE IT FURTHER RESOLVED that the Department of Business,  
2 Economic Development, and Tourism, in conjunction with the  
3 Department of Agriculture, report its findings and  
4 recommendations to the Legislature no later than twenty days  
5 prior to the convening of the Regular Session of 2018; and  
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7 BE IT FURTHER RESOLVED that certified copies of this  
8 Resolution be transmitted to the Director of Business, Economic  
9 Development, and Tourism; and the Chairperson of the Board of  
10 Agriculture.  
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OFFERED BY: \_\_\_\_\_

