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## HOUSE RESOLUTION

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REQUESTING THE DEPARTMENT OF TRANSPORTATION, IN COLLABORATION WITH THE DEPARTMENTS OF LAND AND NATURAL RESOURCES AND BUSINESS, ECONOMIC DEVELOPMENT, AND TOURISM, TO CONVENE A WORKING GROUP TO EXAMINE THE IMPACT OF SUSTAINABLE TRANSPORTATION SOLUTIONS IN THE STATE, INCLUDING GROUND-EFFECT VEHICLES AND OTHER INNOVATIVE TECHNOLOGIES.

1 WHEREAS, since the State is largely accessed through air  
2 travel, air transportation accounts for one-third of Hawaii's  
3 petroleum use and is one of the largest sources of the State's  
4 greenhouse gas emissions; and

5  
6 WHEREAS, new developments and technological advancements in  
7 transportation may help to reduce carbon dioxide emissions and  
8 address many issues facing the State, including alleviating road  
9 congestion, increasing transportation convenience for residents,  
10 and providing underserved communities with greater access to  
11 affordable transportation; and

12  
13 WHEREAS, the development and utilization of sustainable  
14 transportation solutions, such as ground-effect vehicles, may  
15 have significant impacts on the State, due to Hawaii being an  
16 island state; and

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18 WHEREAS, the State has a unique opportunity to examine  
19 these emerging technologies to see if these innovative  
20 transportation solutions have the potential to improve, among  
21 other things, operational efficiency in the transportation of  
22 passengers, freight, and cargo, as well as in the provision of  
23 emergency services; now, therefore,

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25 BE IT RESOLVED by the House of Representatives of the  
26 Thirty-first Legislature of the State of Hawaii, Regular Session  
27 of 2022, that the Department of Transportation, in collaboration  
28 with the Departments of Land and Natural Resources and Business,  
29 Economic Development, and Tourism, is requested to convene a



1 working group to examine the impact of sustainable  
2 transportation solutions in the State, including ground-effect  
3 vehicles and other innovative technologies; and  
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5 BE IT FURTHER RESOLVED that the working group consist of  
6 the following members:  
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- 8 (1) A representative from the Department of  
9 Transportation, Airports Division;  
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- 11 (2) A representative from the Department of  
12 Transportation, Harbors Division;  
13
- 14 (3) The Chairperson of the Board of Land and Natural  
15 Resources, or the Chairperson's designee;  
16
- 17 (4) The Director of Business, Economic Development, and  
18 Tourism, or the Director's designee;  
19
- 20 (5) The Chief Energy Officer of the Hawaii State Energy  
21 Office, or the Chief Energy Officer's designee;  
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- 23 (6) A representative from a ground-effect vehicle  
24 manufacturer; and  
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- 26 (7) Other appropriate persons invited by the working  
27 group; and  
28

29 BE IT FURTHER RESOLVED that in its examination of the  
30 impact of sustainable transportation solutions in the State, the  
31 working group is requested to consider the following:  
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- 33 (1) The feasibility of ground-effect vehicles operating in  
34 the State, including any levels of support that may be  
35 necessary to accelerate any required approval  
36 processes;  
37
- 38 (2) Possible economic opportunities and incentives to  
39 support ground-effect vehicle operators in the State;  
40
- 41 (3) The possibility of accommodating ground-effect vehicle  
42 operators by streamlining the process for



1 infrastructure modifications to dock and harbor  
2 facilities, including associated costs;

3  
4 (4) Effects on the State's economy and workforce  
5 development, including impact on pricing and cost to  
6 consumers and improved delivery time throughout the  
7 State;

8  
9 (5) Potential for new technology-skilled job opportunities  
10 for residents, including repair and maintenance and  
11 training center hosting;

12  
13 (6) Productivity and transportation networks, including  
14 emergency access to isolated areas and assistance and  
15 expansion of ocean safety capabilities;

16  
17 (7) Infrastructure, including improvements to harbors and  
18 renewable energy buildout to support charging  
19 requirements;

20  
21 (8) Improved services, including access to transportation  
22 for underserved communities, expanded medical  
23 emergency access, and development of inter-island  
24 transportation routes;

25  
26 (9) Cultural awareness and respect, including knowledge of  
27 shorelines and waters;

28  
29 (10) Communication and transparency, including public  
30 engagement and outreach to environmental, community,  
31 and cultural groups; and

32  
33 (11) Renewable energy, sustainability, and resiliency,  
34 including expanded exploration of renewable energy  
35 sources for use with emerging transportation  
36 technologies, emergency evacuation, and reduction in  
37 carbon footprint incentives; and

38  
39 BE IT FURTHER RESOLVED that the working group is requested  
40 to submit a report of its findings and recommendations,  
41 including any proposed legislation, to the Legislature no later



1 than twenty days prior to the convening of the Regular Session  
2 of 2023; and  
3

4 BE IT FURTHER RESOLVED that certified copies of this  
5 Resolution be transmitted to Director of Transportation;  
6 Chairperson of the Board of Land and Natural Resources; Director  
7 of Business, Economic Development, and Tourism; and Chief Energy  
8 Officer of the Hawaii State Energy Office.  
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