
HOUSE RESOLUTION

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
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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
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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;
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- 14 (3) The Chairperson of the Board of Land and Natural
15 Resources, or the Chairperson's designee;
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- 17 (4) The Director of Business, Economic Development, and
18 Tourism, or the Director's designee;
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- 20 (5) The Chairperson of the Senate Standing Committee on
21 Transportation;
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- 23 (6) The Chairperson of the House of Representatives
24 Standing Committee on Transportation;
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- 26 (7) A representative from a ground-effective vehicle
27 manufacturer; and
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- 29 (8) Other appropriate persons invited by the working
30 group; and
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32 BE IT FURTHER RESOLVED that in its examination of the
33 impact of sustainable transportation solutions in the State, the
34 working group is requested to consider the following:
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- 36 (1) The feasibility of ground-effect vehicles operating in
37 the State, including any levels of support that may be
38 necessary to accelerate any required approval
39 processes;
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- 41 (2) Possible economic opportunities and incentives to
42 support ground-effect vehicle operators in the State;



- (3) The possibility of accommodating ground-effect vehicle operators by streamlining the process for infrastructure modifications to dock and harbor facilities, including associated costs;
- (4) Effects on the State's economy and workforce development, including impact on pricing and cost to consumers and improved delivery time throughout the State;
- (5) Potential for new technology-skilled job opportunities for residents, including repair and maintenance and training center hosting;
- (6) Productivity and transportation networks, including emergency access to isolated areas and assistance and expansion of ocean safety capabilities;
- (7) Infrastructure, including improvements to harbors and renewable energy buildout to support charging requirements;
- (8) Improved services, including access to transportation for underserved communities, expanded medical emergency access, and development of inter-island transportation routes;
- (9) Cultural awareness and respect, including knowledge of shorelines and waters;
- (10) Communication and transparency, including public engagement and outreach to environmental, community, and cultural groups; and
- (11) Renewable energy, sustainability, and resiliency, including expanded exploration of renewable energy sources for use with emerging transportation technologies, emergency evacuation, and reduction in carbon footprint incentives; and



1 BE IT FURTHER RESOLVED that the working group is requested
2 to submit a report of its findings and recommendations,
3 including any proposed legislation, to the Legislature no later
4 than twenty days prior to the convening of the Regular Session
5 of 2023; and

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7 BE IT FURTHER RESOLVED that certified copies of this
8 Resolution be transmitted to Director of Transportation;
9 Chairperson of the Board of Land and Natural Resources; Director
10 of Business, Economic Development, and Tourism; and Chairpersons
11 of the Senate and House of Representatives Standing Committees
12 on Transportation.
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OFFERED BY: 

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