H.B. NO. ²⁴² H.D. 1 S.D. 2 C D 1

A BILL FOR AN ACT

RELATING TO ELECTRIC VEHICLE BATTERIES.

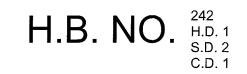
BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. The legislature finds that electric vehicle 2 usage in the State has grown dramatically, with a twenty-three per cent increase in the number of registered electric vehicles 3 4 from October 2023 to October 2024. As electric vehicle usage 5 increases, more electric vehicle batteries will enter the waste 6 stream. Proper recycling and disposal practices are needed to 7 ensure that electric vehicle batteries do not contribute to 8 environmental harm.

9 The purpose of this Act is to establish a working group to
10 examine how to maximize the recycling and reuse of electric
11 vehicle batteries and recommend electric vehicle battery
12 management practices.

13 SECTION 2. (a) There is established within the Hawaii 14 state energy office an electric vehicle battery recycling and 15 reuse working group to examine how to maximize the recycling and 16 reuse of electric vehicle batteries and recommend electric 17 vehicle battery management practices.

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1	(b)	The working group shall:
2	(1)	Develop a plan for best management practices for the
3		recycling, reuse, or repurposing of electric vehicle
4		batteries;
5	(2)	Coordinate with any other organization, working group,
6		or relevant entity within or outside of the State that
7		has similar objectives as the working group, or is
8		researching the recycling, reuse, or repurposing of
9		electric vehicle batteries; and
10	(3)	Develop policy recommendations for the legislature to
11		implement based on the working group's findings.
12	(c)	The working group shall consist of:
13	(1)	The chief energy officer, or the chief energy
14		officer's designee, who shall serve as the
15		co-chairperson of the working group;
16	(2)	The director of health, or the director's designee,
17		who shall serve as the co-chairperson of the working
18		group;
19	(3)	One representative from the department of
20		environmental services of the city and county of
21		Honolulu; and

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1	(4)	One representative from the Hawaii natural energy
2		institute.
3	(d)	The co-chairpersons of the working group shall invite
4	the follow	wing individuals to serve as members of the working
5	group:	
6	(1)	Two representatives from the electric vehicle
7		manufacturing industry;
8	(2)	One representative from the automotive repair
9		industry;
10	(3)	One representative from the battery energy storage
11		industry;
12	(4)	One representative from the electronic waste recycling
13		industry;
14	(5)	One representative from an electric utility;
15	(6)	One representative from an organization that
16		specializes in extended producer responsibility
17		policy;
18	(7)	One representative from an environmental organization
19		that specializes in waste reduction and recycling;
20	(8)	One representative from the automotive recycling
21		industry;



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(9)	One representative from a company specializing in the
	recycling of electric vehicle batteries; and
(10)	Other individuals as invited by the co-chairpersons.
(e)	The working group shall submit a report of its
findings	and recommendations, including any proposed
legislati	on, to the legislature no later than twenty days prior
to the co	nvening of the regular session of 2027. The report
shall inc	lude an analysis of:
(1)	Opportunities for and barriers to the reuse of
	electric vehicle batteries as a first option, as
	potential stationary energy storage systems as a
	second option, and for recycling as a third option,
	taking into account the additional costs of
	transporting electric vehicle batteries to be recycled
	out of State;
(2)	Best practices for the management of electric vehicle
	batteries at end-of-life;
(3)	The cost, safety, and environmental impacts of
	in-state versus out-of-state recycling options;
(4)	The feasibility of pursuing any recycling options
	outside of the United States;
	<pre>(e) findings legislati to the co shall inc (1) (2) (3)</pre>

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1	(5)	The feasibility in terms of costs, available
2		infrastructure, and enforcement of an electric vehicle
3		battery recycling program;
4	(6)	The overall effect of different management practices
5		on the environment; and
6	(7)	Any other factors deemed necessary and relevant.
7	(f)	The working group shall be dissolved on June 30, 2027.
8	SECT	ION 3. This Act shall take effect upon its approval.



Report Title:

HSEO; Electric Vehicles; Batteries; Reuse; Recycling; Working Group; Report

Description:

Establishes a working group within the Hawaii State Energy Office to examine how to maximize the recycling and reuse of electric vehicle batteries and recommend electric vehicle battery management practices. Requires a report to the Legislature. (CD1)

The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.

