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Testimony of
DOUGLAS MURDOCK
Chief Information Officer
Enterprise Technology Services

Before the

SENATE COMMITTEE ON TECHNOLOGY
Tuesday, March 19, 2019

HOUSE BILL NO. 532, HD1
RELATING TO GOVERNMENT DATA

Dear Chair Keohokalole, Vice Chair English and members of the committee:

The Office of the Enterprise Technology Services (ETS) supports House Bill No. 532, HD1, Government Data, which establishes a chief data officer and data task force within ETS to develop, implement, and manage statewide data set policies, procedures, and standards as long as it doesn't affect the priorities identified in the Governor's Executive Budget request.

Thank you for this opportunity to provide testimony on this bill.

DAVID Y. IGE
GOVERNOR

JOSH GREEN
LIEUTENANT GOVERNOR



SCOTT T. MURAKAMI
DIRECTOR

LEONARD HOSHIJO
DEPUTY DIRECTOR

**STATE OF HAWAII
DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS**

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March 15, 2019

To: The Honorable Jarrett Keohokalole, Chair,
The Honorable J. Kalani English, Vice Chair, and
Members of the Committee on Technology

Date: Tuesday, March 19, 2019
Time: 2:45 p.m.
Place: Conference Room 414, State Capitol

From: Scott T. Murakami, Director
Department of Labor and Industrial Relations (DLIR)

Re: H.B. No. 532 HD1 RELATING TO GOVERNMENT DATA

I. OVERVIEW OF PROPOSED LEGISLATION

HB532HD1 adds a new section to Chapter 27, Hawaii Revised Statutes (HRS), to establish a Chief Data Officer within the Office of Enterprise Technology and a data set task force to assist the Chief Data Officer in developing the State's data set policies, procedures, standards, and format standards to be used by all agencies in making their data sets available.

DLIR supports the intent of the measure and proposes an amendment.

II. COMMENTS ON THE SENATE BILL

The Department supports the intent of this measure. DLIR participates in data sharing with other departments and would like to participate in discussions about open data policies. Therefore, the Department proposes amending the measure to include the DLIR Director or the Director's designee as a member of the Data Task Force.



STATE OF HAWAII
DEPARTMENT OF EDUCATION
P.O. BOX 2360
HONOLULU, HAWAII 96804

Date: 03/19/2019
Time: 02:45 PM
Location: 414
Committee: Senate Technology

Department: Education

Person Testifying: Dr. Christina M. Kishimoto, Superintendent of Education

Title of Bill: HB 0532, HD1 RELATING TO GOVERNMENT DATA.

Purpose of Bill: Establishes a Chief Data Officer and Data Task Force in the Office of Enterprise Technology Services to develop, implement, and manage statewide data set policies, procedures, and standards. Appropriates moneys. (HB532 HD1)

Department's Position:

The Department of Education (Department) supports HB 532, HD1 to increase data sharing efforts and strategies.

The Department would like to ensure that data sharing efforts are aligned with the existing federal, state, and Board of Education reporting and privacy requirements.

We look forward to the opportunity to collaborate with the Office of Enterprise Technology Services and the state's Chief Data Officer to increase access to K-12 educational data while protecting the privacy of our students, complying with reporting mandates, and other matters unique to K-12 educational data.

Thank you for the opportunity to provide testimony on this measure.

The Hawaii State Department of Education seeks to advance the goals of the Strategic Plan which is focused on student success, staff success, and successful systems of support. This is achieved through targeted work around three impact strategies: school design, student voice, and teacher collaboration. Detailed information is available at www.hawaiipublicschools.org.



Email: communications@ulupono.com

SENATE COMMITTEE ON TECHNOLOGY
Tuesday, March 19, 2019 — 2:45 p.m. — Room 414

Ulupono Initiative Strongly Supports HB 532 HD 1, Relating to Government Data

Dear Chair Keohokalole, Vice Chair English, and Members of the Committee:

My name is Murray Clay and I am Managing Partner of Ulupono Initiative, a Hawai'i-based impact investment firm that strives to improve the quality of life for the people of Hawai'i by working toward solutions that create more locally produced food; increase affordable, clean, renewable energy; and better manage waste and fresh water resources. Ulupono believes that self-sufficiency is essential to our future prosperity and will help shape a future where economic progress and mission-focused impact can work hand in hand.

Ulupono strongly supports HB 532 HD 1, which establishes a chief data officer and data task force, because it aligns with our goals.

In order to recommend and create strong policies, we believe it is vital to have open, consistent sources of data. Yet, in the sectors that Ulupono works in – local food, renewable energy, transportation, waste, and water – government data sets are often outdated and difficult to procure.

Investing in data and making more informed decisions across government often leads to quality outcomes for enacted policies. For example, using data collected from the 'Aina Pono local food school lunch program, it helped demonstrate that the policy of investment in quality food and cafeteria efficiency led to greater profitability. This, in turn, gave private sector and non-profit contributors the justification to continually invest in this government program. Transparency in the outcome data further gave confidence to stakeholders while allowing quick action to solve problems early in the process.

Considering the State spends billions of dollars every year, greater data and transparency should lead to increased effectiveness as greater information can help demonstrate trends and upcoming issues. Investments in data are the bedrock to good governance. If not, the State will continue to open itself up to being penny wise and pound-foolish. Investing a relatively small amount of money upfront can result in significant long-term savings and efficiencies.

Investing in a Sustainable Hawai'i



As Hawai'i's issues become increasingly complex and challenging, we appreciate this committee's efforts to look at policies that improve the quality of life for the people of Hawai'i.

Thank you for this opportunity to testify.

Respectfully,

Murray Clay
Managing Partner



All Hawaii News * P.O. Box 612 * Hilo, HI 96721 * www.allhawaiinews.com

March 16, 2019

Senate Committee on Technology

From: Nancy Cook Lauer, publisher, All Hawaii News

www.allhawaiinews.com nclauer@gmail.com 808.781.7945

In SUPPORT of HB 532 HB1, Relating to Government Data

All Hawaii News, a state government and political news aggregate blog covering Hawaii since 2008, is in support of HB 532 HD1, establishing within the Office of Enterprise Technology Services a Chief Data Officer position and a Data Set Task Force to develop, implement and manage statewide data policies, procedures and standards.

Hawaii ranked 37th in a 2017 report on the Best States for Data Innovation by the Washington, D.C.-based Center for Data Innovation. (<http://www2.datainnovation.org/2017-best-states-data.pdf>)

We must do better. Taking control of vital information that's collected by the government but scattered across silos in multiple agencies would help identify trends, spot strengths and weaknesses and make government more efficient.

It would also promote public transparency and provide tools for private-sector innovations that could improve the quality of life for everyone.

As stated in the report, "In the coming years, the collection, analysis, and use of massive amounts of data will have the potential to generate enormous social and economic benefits, but successfully capitalizing on these opportunities will require public policies designed to allow data-driven innovation to flourish."

Mahalo nui for considering HB 532 HD1.



Big Island Press Club

Since 1967, protecting the public's right to know

Big Island Press Club
P.O. Box 1920
Hilo, Hawaii 96721

CONTACT:
info@bigislandpressclub.org

March 16, 2019
Senate Committee on Technology
From: John Burnett, BIPC president

In SUPPORT of HB 532 HD1, Relating to Government Data

The Big Island Press Club, Hawaii's oldest press club, is in support of HB 532 HD1, establishing within the Office of Enterprise Technology Services a Chief Data Officer position and a Data Set Task Force to develop, implement and manage statewide data policies, procedures and standards.

Data collected by government agencies belongs to the public and it should be made available to the public in an open format that promotes government transparency.

While the state has made strides in making data more accessible through its Open Data Portal, data.hawaii.gov, aimed at "increasing transparency, driving civic innovation, and engaging participants in a more collaborative form of government," we, as a state, still have a long way to go.

The portal has yet to be fully embraced by all government agencies, making accessibility to data a challenge to those who want to participate in their government. A Chief Data Officer and a Data Set Task Force could put us on the right track toward a more cohesive and easy-to-use website.

Thank you for considering HB 532 HD1.

OFFICE OF INFORMATION PRACTICES

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TELEPHONE: 808-586-1400 FAX: 808-586-1412
EMAIL: oip@hawaii.gov

To: Senate Committee on Technology

From: Cheryl Kakazu Park, Director

Date: March 19, 2019, 2:45 p.m.
State Capitol, Conference Room 414

Re: Testimony on H.B. No. 532, H.D. 1
Relating to Government Data

Thank you for the opportunity to submit testimony on this bill, which would create a Chief Data Officer (CDO) and a Data Task Force within the Office of Enterprise Services (ETS). The Office of Information Practices (OIP) supports the intent of this bill to increase availability of data held by state agencies both to the public at large and to other agencies, but **requests clarification of OIP's role in the development of data policies and procedures and has suggested an amendment** to the bill, similar to the one that this committee made in S.B. 1001, S.D. 1 (also retained in S.D. 2).

Currently, OIP is charged with assisting the Chief Information Officer (CIO) to develop open data policies and procedures, as those policies and procedures must take account of what information is or is not public under the Uniform Information Practices Act (UIPA), chapter 92F, HRS, which OIP administers. This bill would not remove OIP's statutory responsibility to assist, although the CIO's statutory role in administering open data would be assumed by the new CDO. However, the newly created Data Task Force would also be charged with assisting the CDO to develop open data policies and procedures. The CDO would be the chair

of the Data Task Force and presumably would consult with it regarding open data policies and procedures during its meetings, but since OIP is not represented on the Data Task Force as proposed by this bill, OIP would not be part of that process. Thus, it is not clear what OIP's role would be in the development of open data policies and procedures.

If the intent was to have OIP act as a resource for the CDO without the constraints the Sunshine Law (part I of chapter 92, HRS) would place on discussions between the CDO and another member of the Data Task Force outside a meeting, OIP would recommend amending this bill in the same way this Committee amended its companion, S.B. 1001, **to make OIP's director or the director's designee a nonvoting *ex officio* member of the Data Task Force who would not be counted toward quorum. This would clarify that OIP's representative was expected to attend and participate in discussions of open data policies and procedures during Data Task Force meetings, but OIP's representative would not be counted as a member for the purpose of the Sunshine Law's permitted interactions (which permit a strictly limited number of board members, typically less than a quorum, to discuss board business outside a meeting in specified circumstances). Thus, the CDO would still be able to consult with OIP's representative outside a meeting about whether information was considered public under the UIPA.** The following language, added to the end of the proposed subsection 27-44(d) (bill page 5), would accomplish this:

The director of the office of information practices or the director's designee shall serve as a nonvoting *ex officio* member of the task force and shall not be counted toward quorum.

TRANSFORM
HAWAI'I GOVERNMENT
Every Citizen • Every Service • Every Island

March 19, 2019

Senator Jarrett Keohokalole, Chair
Senator J. Kalani English, Vice Chair
SENATE COMMITTEE ON TECHNOLOGY
Conference Room 414
Hawai'i State Capitol
Honolulu, HI 96813

RE: Testimony in strong support of HB 532, HD1, Relating to Government

Dear Chair Keohokalole, Vice Chair English, and Committee Members:

My name is Christine Sakuda and I serve as the executive director of Transform Hawai'i Government (THG), a coalition of organizations and individuals who believe in improving government services and business practices through technology to ensure that policymakers, State employees, local residents and businesses have convenient and secure access to reliable information and data on demand.

THG strongly supports House Bill 532, HD1, Relating to Government Data, which establishes a chief data officer and data task force to develop, implement, and manage statewide data policies, procedures, and standards.

Access to empirical data is essential to providing information to decision-makers, both within and external of government, so they are able to make informed decisions. Data governance is among the top 10 priorities among state chief information officers nationwide, according to the National Association of State Chief Information Officers (NASCIO).

In 2018, members of the Information Technology Steering Committee to include the State chief information officer, other government agencies and the public met to craft the State's IT strategic plan. Establishing a chief data officer was among their priorities.

In 2012, the State of Hawai'i launched its official data website, data.hawaii.gov, to increase public accessibility to public data. However, since then, data management continued in a decentralized manner typical of many state governments: fragmented, seldomly refreshed, hard to find and less than accessible. As a result, opportunities for integration are severely limited.

It is time to commit resources to update and develop a long-term vision, goals and objectives to enable all branches and departments of our State government to work together in a coordinated fashion and finally establish an open data strategy. This includes facilitating vital sharing of data between State agencies, where possible, so that data shared across agencies contributes to the effective, efficient, and transparent delivery of information resources and services.

HB 532, HD1 will ensure that sufficient and appropriate resources are available to develop policies and procedures to implement standards with the goal of making data sets available to decision-makers and data users, as intended under Section 27-44.3, Hawai'i Revised Statutes.

Thank you for the opportunity to provide testimony in support of this important bill.
Respectfully submitted,



Christine Sakuda
Executive Director
Transform Hawai'i Government
email: csakuda@TransformHawaiiGov.org



ELEMENTAL EXCELERATOR

**Written Statement of Elemental Excelerator
before the Senate Committee on Technology**
Tuesday, March 19, 2019

In consideration of HB 532 HD 1 RELATING TO GOVERNMENT DATA

Aloha Chair Keohokalole, Vice-Chair English, and Members of the Senate Committee on Technology:

Elemental Excelerator respectfully submits our **support for HB 532 HD 1**, which establishes a Chief Data Officer and Data Task Force in the Office of Enterprise Technology Services to develop, implement, and manage statewide data set policies, procedures, and standards.

Elemental Excelerator is a Honolulu-based growth accelerator program founded and operating in Hawai'i. We have awarded over \$30 million to 82 companies resulting in 56 demonstration projects in Hawai'i & Asia Pacific. Each year, we select 15-20 companies that best fit our mission and fund each company up to \$1 million. We recruit innovative entrepreneurs from around the world to come to Hawai'i and find transformative solutions to help us achieve our 100% clean energy goals.

In April 2018, Elemental Excelerator commissioned a study entitled *Transcending Oil: Hawai'i's Path to a Clean Energy Economy*. The study found that in Hawai'i, transitioning to renewable energy is cheaper than sticking with fossil fuels. The faster we go, the cheaper it will be. The study also recommended creating an open data environment as an enabling tool to realign incentives with clean energy goals.¹

We support HB 532 HD 1 because we believe a well-resourced chief data officer provides our state the opportunity to implement an open data environment that will help us make more informed decisions to ensure transparency and grow innovation solutions to our most urgent environmental problems, including sectors we enable: energy, water, agriculture, mobility, and the circular economy. About 15% of Elemental Excelerator's 82 portfolio companies, such as Kevala focus on clean energy-related data that is meaningful, transparent, and broadly accessible, demonstrating a growing opportunity to attract innovation with forward-thinking policies.²

Transcending Oil states that "[a]ccelerating the transition [to clean energy] could reduce oil consumption by 85 to 267 million gallons and spur as much as \$2.8 billion additional cumulative investment by 2030, compared to Business as Usual. It could also create up to 1,500 net new jobs per year, on average, between 2021 and 2030. To realize these outcomes, we find Hawai'i will need to build a more efficient and open electric grid equipped with AMI and

¹ *Transcending Oil*, pg.3, Retrieved from <https://www.transcendingoil.com/>

² Kevala. (n.d.). Retrieved from <https://elementalexcelerator.com/companies/kevala/>

*implement regulatory frameworks that allow distributed PV, DR, and other flexible resources to provide an array of grid services. Increased energy efficiency investments can make the acceleration more attainable. **Data sharing and transparency** can make sure all of these resources and frameworks operate efficiently and cost-effectively.*"³

Mahalo for the opportunity to provide testimony on this legislation.

Sincerely,



Aki Marceau
Managing Director, Policy & Community - Hawai'i

³Transcending Oil, pg.36, Retrieved from <https://www.transcendingoil.com/>

HB-532-HD-1

Submitted on: 3/17/2019 12:21:54 AM

Testimony for TEC on 3/19/2019 2:45:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Mary Smart	Individual	Oppose	No

Comments:

Vote no. For every new position proposal, there must be a proposal to eliminate an equal or greater number of current positions (so that there is no accompanying budget increase and hopefully the new position will result in personnel cost savings). We cannot afford to continue to grow the size of our state government. Government is already bloated and we can't pay our unfunded pension liabilities. You are creating positions when you know you can't fulfill the pension obligations. Fix the current problems before creating more. Do not pass HB532 HD1.

HB-532-HD-1

Submitted on: 3/14/2019 8:54:26 PM

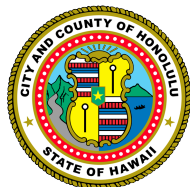
Testimony for TEC on 3/19/2019 2:45:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Tenaiya Brookfield	Individual	Support	No

Comments:

OFFICE OF CLIMATE CHANGE, SUSTAINABILITY AND RESILIENCY
CITY AND COUNTY OF HONOLULU

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KIRK CALDWELL
MAYOR

JOSHUA W. STANBRO
EXECUTIVE DIRECTOR &
CHIEF RESILIENCE OFFICER

TUESDAY MARCH 19, 2019 2:45PM

STATE OF HAWAII
SENATE COMMITTEE ON TECHNOLOGY

**TESTIMONY ON HOUSE BILL 532 HD1
A BILL RELATING TO TECHNOLOGY SERVICES**

BY,

JOSHUA STANBRO
EXECUTIVE DIRECTOR AND CHIEF RESILIENCE OFFICER
OFFICE OF CLIMATE CHANGE, SUSTAINABILITY AND RESILIENCY

Dear Chair Keohokalole, Vice Chair English, and Members of the Committees:

The City and County of Honolulu Office of Climate Change, Sustainability and Resiliency (Resilience Office) **supports** House Bill 532 HD1, which requires the Office of Enterprise Technology Services Chief Information Officer to update the state information technology strategic plan every four years, and establishes a Chief Data Officer and Data Task Force in the Office of Enterprise Technology Services to develop, implement, and manage statewide data set policies, procedures, and standards.

There is an increasing amount of government data available that can be opened up with a deliberate effort on the part of the State. This data can spur innovation, improve government efficiency, and contribute to more informed decision making across the State. However, without a lead entity to open up these data sets, it can be very difficult to access. This bill is a move in the right direction, as it prioritizes making these data sets available and clearly assigns responsibility for doing so.

The City is in the process of planning for and implementing ambitious energy, transportation, and climate resilience initiatives. The Resilience Office is responsible for developing a resilience strategy and climate action plan for the City. Having a Chief Data Officer to oversee overall data operations and practices to prioritize transparency, access, usefulness, and integrity of data will promote a variety of mutually-beneficial

March 19, 2019
Page 2

environmental and socioeconomic outcomes, and enable more informed and efficient planning and decision-making for the City and State of Hawai'i.

Thank you for the opportunity to testify.