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GOVERNOR



DOUGLAS MURDOCK
CHIEF INFORMATION
OFFICER

OFFICE OF ENTERPRISE TECHNOLOGY SERVICES

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Testimony of
DOUGLAS MURDOCK
Chief Information Officer
Enterprise Technology Services

Before the

HOUSE COMMITTEE ON ECONOMIC DEVELOPMENT & BUSINESS
Wednesday, March 13, 2019

SENATE BILL NO. 1001, SD2
RELATING TO GOVERNMENT DATA

Dear Chair McKelvey, Vice Chair Kitagawa and members of the committee:

The Office of the Enterprise Technology Services (ETS) supports Senate Bill No. 1001, SD2, 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.



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

Date: 03/13/2019

Time: 10:00 AM

Location: 309

Committee: House Economic Development &
Business

Department: Education

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

Title of Bill: SB 1001, SD2 RELATING TO GOVERNMENT DATA.

Purpose of Bill: Establishes a chief data officer and data set task force, within the office of enterprise technology services, to develop, implement, and manage statewide data set policies, procedures, and standards. Effective 7/1/2050. (SD2)

Department's Position:

The Department of Education (Department) supports SB 1001, SD2 to increase data sharing efforts and strategies.

The Department would like to ensure that data sharing efforts are aligned 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.

OFFICE OF INFORMATION PRACTICES

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To: House Committee on Economic Development and Business

From: Cheryl Kakazu Park, Director

Date: March 13, 2019, 10:00 a.m.
State Capitol, Conference Room 309

Re: Testimony on S.B. No. 1001, S.D. 2
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 this bill, which would increase availability of data held by state agencies both to the public at large and to other agencies.

Thank you for the opportunity to testify.

THE CIVIL BEAT
LAW CENTER FOR THE PUBLIC INTEREST

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House Committee on Economic Development & Business
Honorable Angus L.K. McKelvey, Chair
Honorable Lisa Kitagawa, Vice Chair

RE: Testimony in Support of S.B. 1001 S.D. 2, Relating to Government Data
Hearing: March 13, 2019 at 10:00 a.m.

Dear Chair and Members of the Committee:

My name is Brian Black. I am the Executive Director of the Civil Beat Law Center for the Public Interest, a nonprofit organization whose primary mission concerns solutions that promote governmental transparency. Thank you for the opportunity to submit testimony **strongly supporting S.B. 1001 S.D. 2.**

Progress toward more efficient and publicly accessible government requires personnel focused exclusively on government data. Open and transparent government data cannot be an afterthought or it will never happen. A chief data officer and data task force would be well-situated to ensure that Hawai'i has the appropriate infrastructure and policies to carry the State into a new era of more efficient, open, and data-driven government.

Thank you again for the opportunity to testify in **support** of S.B. 1001 S.D. 2.



March 8, 2019

Representative Angus L.K. McKelvey, Chair
Representative Lisa Kitagawa, Vice Chair
House Committee on Economic Development & Business
Conference Room 309
Hawai'i State Capitol
Honolulu, HI 96813

RE: Testimony in strong support of SB 1001 SD2, Relating to Government Data

Chair McKelvey, Vice Chair Kitagawa, 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 Senate Bill 1001 SD2, Relating to Government Data, which establishes a chief data officer and data task force, within the Office of Enterprise Technology Services, to develop, implement, and manage statewide data policies, procedures, and standards.

THG also support amendments from the Senate Committee on Technology that enhance the task force membership to include two members of the public representing stakeholders with experience in data and the director of the Office of Information Practices or the director's designee.

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, 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, state government and the public met to craft a State IT Strategic Plan. Among their top priorities were to establish a chief data officer.

In 2012, the State of Hawai'i launched its official data website, data.hawaii.gov, to increase public accessibility to public data. Since then, however, 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's time to commit resources to develop a long-term vision, goals and objectives to enable all branches and departments of our State government to work 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.

SB 1001 SD2 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,

A handwritten signature in black ink, appearing to read 'Christine Sakuda', with a stylized flourish at the end.

Christine Sakuda

Executive Director

Transform Hawai'i Government

email: csakuda@TransformHawaiiGov.org | phone: (808) 321-2811



Email: communications@ulupono.com

HOUSE COMMITTEE ON ECONOMIC DEVELOPMENT & BUSINESS
Wednesday, March 13, 2019 — 10:00 a.m. — Room 309

Ulupono Initiative Strongly Supports SB 1001 SD 2, Relating to Government Data

Dear Chair McKelvey, Vice Chair Kitagawa, 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 SB 1001 SD 2, 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



ELEMENTAL EXCELERATOR

Written Statement of Elemental Excelerator before the House Committee on Economic Development and Business Tuesday, March 13, 2019

In consideration of [SB 1001 SD2](#) RELATING TO GOVERNMENT DATA

Aloha Chair McKelvey, Vice-Chair Kitagawa, and Members of the House Committee on Economic Development and Business:

Elemental Excelerator respectfully submits our **support for SB 1001 SD 2** 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 like oil and coal. 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 SB 1000 SD 2 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

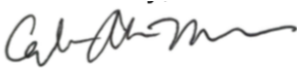
¹ *Transcending Oil*, pg.3, Retrieved from <https://www.transcendingoil.com/>

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,

A handwritten signature in black ink, appearing to read 'Aki Marceau', with a stylized, cursive script.

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

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



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

March 9, 2019

House Committee on Economic Development & Business

From: Nancy Cook Lauer, publisher, All Hawaii News

www.allhawaiinews.com nclauer@gmail.com 808.781.7945

In SUPPORT of SB 1001 SD2, Relating to Government Data

All Hawaii News, a state government and political news aggregate blog covering Hawaii since 2008, is in support of SB 1001 SB2, 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 SB 1001 SD2

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 12, 2019

LATE

To: The Honorable Angus L.K. McKelvey, Chair,
The Honorable Lisa Kitagawa, Vice Chair, and
Members of the Committee on Economic Development & Business

Date: Wednesday, March 13, 2019
Time: 10:00 a.m.
Place: Conference Room 309, State Capitol

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

Re: S.B. No. 1001 SD2 RELATING TO GOVERNMENT DATA

I. OVERVIEW OF PROPOSED LEGISLATION

SB1001SD2 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, and standards.

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.