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Testimony of  
**TODD NACAPUY**  
Chief Information Officer, State of Hawai'i

Before the

SENATE COMMITTEE ON WAYS AND MEANS  
Wednesday, February 28, 2018  
11:00 A.M.  
State Capitol, Conference Room 211

SENATE BILL NO. 2902, SD1  
RELATING TO TECHNOLOGY DEVELOPMENT

Dear Chair Dela Cruz, Vice Chair Keith-Agaran, and members of the committee:

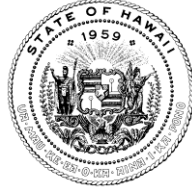
I am Todd Nacapuy, Chief Information Officer for the State of Hawai'i and head of the Office of Enterprise Technology Services (ETS), testifying in **support** of Senate Bill No. 2902 SD1, Relating to Technology Development, which appropriates funds for grants to participants in application challenges so that the proof of concepts created during those challenges can be developed into prototypes suitable for local and state government use.

The Hawai'i Annual Code Challenge (HACC), inaugurating in summer 2016 and continuing in summer 2017, was the result of collaboration across public and private sectors. ETS partnered with the Hawaii Technology Development Corporation (HTDC) and various other departments and agencies, as well as community partners, to engage the local tech community in promoting an efficient, effective and open government.

The purpose of the HACC was to bring Hawai'i talent together to use modern tools and applications to enhance government services delivered to the public. Approximately 220 coders and innovators answered the call in 2016, followed by more than 300 in 2017, who developed solutions which addressed problems and challenges posed by government agencies and non-profit organizations that support government activities.

ETS looks forward to continuing to work with HTDC and our other community partners to ensure success for future events that similarly benefit not only participants but all users of State government services.

Thank you for this opportunity to testify in support of this bill.



DAVID Y. IGE  
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DOUGLAS S. CHIN  
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TO THE SENATE COMMITTEE ON  
WAYS AND MEANS

TWENTY-NINTH LEGISLATURE  
Regular Session of 2018

Wednesday, February 28, 2018  
11:00 a.m.

**WRITTEN TESTIMONY ONLY**

**TESTIMONY ON S.B. NO. 2902, S.D. 1, RELATING TO TECHNOLOGY DEVELOPMENT.**

TO THE HONORABLE DONOVAN M. DELA CRUZ, CHAIR, AND MEMBERS OF THE COMMITTEE:

The Department of Commerce and Consumer Affairs (“Department”) appreciates the opportunity to testify in support of S.B. 2902, S.D. 1, Relating to Technology Development. My name is Ji Sook “Lisa” Kim, and I am the Administrator of the Department’s Cable Television Division.

This bill, which is a companion to H.B. 2080, appropriates funds to the Hawaii Technology Development Corporation for grantmaking and other costs associated with software application challenges, where proofs of concept may be developed into prototypes suitable for local and state government use. S.D. 1 amends this bill by allowing federal and county sources as matching funds.

Consistent with its broadband-related duties, the Department continuously looks for opportunities to advocate for and facilitate the deployment of expanded broadband applications, programs, and services that will bolster the usage of and demand for

broadband. The Enterprise Technology Services' sponsored 2017 Hawaii Annual Code Challenge ("HACC") presented such an opportunity, as it engaged the local tech community in modernizing state government to develop innovative tools and applications to provide enhanced government services to the public and to drive civic engagement. Through the Department's participation in the HACC as a pitching agency, the Department witnessed the strength of this event in promoting the development of broadband-level applications, as well as in providing agencies the opportunity to collaborate with HACC participants to gain insights on the development and use of software applications to support their respective duties and activities.

This bill would further the benefits these types of software application challenges could achieve, by providing funding that will allow for future application challenges and by allowing participants to develop their proof of concepts into prototypes. The Department thus strongly supports this measure because of the direct impact it could have on deploying software applications that bolster the use and demand for broadband.

Thank you for this opportunity to testify on this bill.



Written Statement of  
**Robbie Melton**  
Executive Director & CEO  
Hawaii Technology Development Corporation  
before the  
**Senate Committee on Ways and Means**  
Wednesday, February 28, 2018  
11:00 a.m.  
State Capitol, Conference Room 211

In consideration of  
**SB2902, SD1**  
**RELATING TO TECHNOLOGY DEVELOPMENT**

Chair Dela Cruz, Vice Chair Keith-Agaran, and Members of the Committee on Ways and Means.

The Hawaii Technology Development Corporation (HTDC) **supports** SB2902, SD1 that appropriates funds for grants to participants in software application challenges so that the proofs of concept created during the challenges can be developed into prototypes suitable for local and state government.

As part of HTDC's vision to create 80,000 new innovation jobs in Hawaii earning \$80,000 or more by 2030, HTDC supports initiatives aimed at promoting technology and innovation jobs. The Hawaii Annual Code Challenge is a "hackathon" style competition aimed at promoting civic engagement, open government, and finding innovative solutions for some of government's challenges. Hackathon events are designed to rapidly create early proof of concept projects of potential solutions without regard to quality control testing, optimization, or completeness. The rapid development allows teams to present their ideas for user input and feedback. This technique is often used as an agile approach to commercial software development with subsequent iterations providing optimization and quality control. In FY17, HTDC sponsored 6 hackathon events with over 700 participants and recently co-hosted the State's first agricultural hackathon with the Department of Agriculture and Hawaii Open Data.

While the primary goals of civic hackathons are to engage the local tech community in the modernization of Hawaii state government, there are greater opportunities to develop some of the projects into solutions that government can benefit from. The bill appropriates funds to build upon the success of the hackathons. It will also assist in strengthening the tech community. The bill requires HTDC to solicit matching donations from non-governmental sources. HTDC comments that securing the 50% matching amount may be a challenge, but we look forward to the opportunity.

HTDC supports this initiative as long as it does not replace our priorities requested in the Executive Budget. Thank you for the opportunity to offer these comments.

**SB-2902-SD-1**

Submitted on: 2/23/2018 3:07:18 PM

Testimony for WAM on 2/28/2018 11:00:00 AM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Melodie Aduja	Testifying for OCC Legislative Priorities Committee, Democratic Party of Hawai'i	Support	No

Comments:

**PRESENTATION OF THE  
OAHU COUNTY COMMITTEE ON LEGISLATIVE PRIORITIES  
DEMOCRATIC PARTY OF HAWAI'I**

TO THE COMMITTEE ON WAYS AND MEANS

THE SENATE

TWENTY-NINTH LEGISLATURE

REGULAR SESSION OF 2018

Wednesday, February 28, 2018

11:00 a.m.

Hawaii State Capitol, Conference Room 211

RE: Testimony in Support of SB 2902 SD1 RELATING TO TECHNOLOGY DEVELOPMENT

To the Honorable Donovan M. Dela Cruz, Chair; the Honorable Gilbert S.C. Keith-Agaran, Vice-Chair, and Members of the Committee on Ways and Means:

Good morning, my name is Melodie Aduja. I serve as Chair of the Oahu County Legislative Priorities Committee of the Democratic Party of Hawaii. Thank you for the opportunity to provide written testimony on Senate Bill No. 2902 SD1, relating to Technology; Software Application Challenges; Grants; and Appropriations.

The OCC Legislative Priorities Committee is in favor of Senate Bill No. 2902 SD1 and support its passage.

Senate Bill No. 2902 SD1 is in alignment with the Platform of the Democratic Party of Hawai'i ("DPH"), 2016, as it appropriates funds for grants to participants in software application challenges so that the proofs of concept created during the challenges can be developed into prototypes suitable for local and state government and requires matching funds.

The DPH Platform states that "[s]tate and county governments have a key role to play in setting reasonable standards for industry and trade." (Platform of the DPH, P. 1, Lines 44-45 (2016)).

A diversified and healthy economy in Hawai'i requires a well-educated and healthy citizenry. To encourage existing and new enterprise, we need to develop a combination of tax policies and credits, lending programs, and financial incentives that will attract the business community. The creation of intellectual property and new start-ups should be a part of the curriculum of our business schools. Business training should stress ethical company management that is responsive to customer needs. (Platform of the DPH, P. 1, Lines 38-45 (2016)).

We recognize that the responsible use and development of technology in all its manifestations offers immense potential for our community, government, including institutions of higher education and business sectors. We encourage synergistic research, development, commercialization and educational programs to promote technological proficiency and innovation. In particular, we support Science, Technology, Engineering and Math (STEM) initiatives in our public, private and charter schools as these prepare the next generation to address the needs of our state. We also support programs that facilitate incubator i.e., start-up, opportunities for new and promising technologies, and encourage the local retention of our intellectual resources." (Platform of the DPH, P. 2, Lines 97-99 (2016)).

Given that Senate Bill No. 2902 SD1 appropriates funds for grants to participants in software application challenges so that the proofs of concept created during the challenges can be developed into prototypes suitable for local and state government and requires matching funds, it is the position of the OCC Legislative Priorities Committee to support this measure.

Thank you very much for your kind consideration.

Sincerely yours,

/s/ Melodie Aduja

Melodie Aduja, Chair, OCC Legislative Priorities Committee

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