



Written Statement of  
**Len Higashi**  
Acting Executive Director  
Hawaii Technology Development Corporation  
before the  
**House Committee on Finance**  
Wednesday, March 27, 2019  
2:30 p.m.  
State Capitol, Conference Room 308

In consideration of  
**SB1291, SD1, HD1**  
**RELATING TO THE ALTERNATIVE ENERGY RESEARCH AND DEVELOPMENT FUND.**

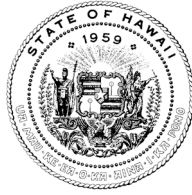
Chair Luke, Vice Chair Cullen, and Members of the Committee.

The Hawaii Technology Development Corporation (HTDC) **supports** SB1291, SD1, HD1 that appropriates funds into and out of the Alternative Energy Research and Development revolving fund for the Hawaii Technology Development Corporation to provide grants.

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. Last session \$1,000,000 was appropriated for the Alternative Energy Research and Development grant program. HTDC has completed the required public hearing on the proposed administrative rules for the program. HTDC has opened the application period and is on schedule to make FY19 awards before the end of the fiscal year. Act 67, SLH18 restarts the program that was last awarded in FY17. In FY17, all 3 companies that applied were awarded a total of \$950,000. The companies matched the state award with a total of \$10.2 million of federal funds.

Thank you for the opportunity to offer these comments.

DAVID Y. IGE  
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

SENATE COMMITTEE ON TECHNOLOGY  
SENATE COMMITTEE ON COMMERCE, CONSUMER PROTECTION, AND HEALTH  
Wednesday, March 27, 2019

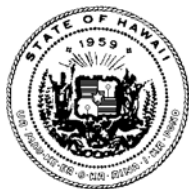
SENATE CONCURRENT RESOLUTION 175/ SR142  
REQUESTING THE STATE TO CONVENE AN ARTIFICIAL INTELLIGENCE  
ADVISORY COMMITTEE TO INVESTIGATE HOW TO IMPLEMENT,  
DEVELOP, AND REGULATE ARTIFICIAL INTELLIGENCE IN THE STATE

Dear Chairs Keohokalole and Baker, Vice Chairs English and Chang, and members of the committee:

The Office of the Enterprise Technology Services (ETS) supports SCR 175/ SR142. ETS has been exploring how State government might responsibly apply the emerging Artificial Intelligence (AI) technologies that could potentially bridge people and machines to improve the quality, effectiveness, and productivity of selected government processes and citizen services. In addition to AI's technological challenges, we recognize that AI introduces new privacy, legal, security, and ethical issues that we must address. We look forward to serving on this advisory committee.

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

DAVID Y. IGE  
GOVERNOR



PANKAJ BHANOT  
DIRECTOR

CATHY BETTS  
DEPUTY DIRECTOR

STATE OF HAWAII  
DEPARTMENT OF HUMAN SERVICES  
P. O. Box 339  
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March 25, 2019

TO: The Honorable Senator Jarrett Keohokalole, Chair  
Senate Committee on Technology

The Honorable Senator Rosalyn H. Baker, Chair  
Senate Committee on Commerce, Consumer Protection, and Health

FROM: Pankaj Bhanot, Director

SUBJECT: **SCR 175/SR 142 - REQUESTING THE STATE TO CONVENE AN ARTIFICIAL  
INTELLIGENCE ADVISORY COMMITTEE TO INVESTIGATE HOW TO  
IMPLEMENT, DEVELOP, AND REGULATE ARTIFICIAL INTELLIGENCE IN THE  
STATE.**

Hearing: Wednesday, March 27, 2019 9:00 a.m.  
Conference Room 229, Capitol

**DEPARTMENT'S POSITION:** The Department of Human Services (DHS) supports the intent of this resolution.

DHS supports the effort to plan an Artificial Intelligence (AI) strategy for the state that would include investment to train future and current members of the workforce to become AI literate and proficient. From a human services workforce perspective, strategic implementation of a robust AI program with the right tools may be able to assist in addressing high turnover rates by easing administrative burdens that take workers out of the field to complete necessary paperwork. From a client's perspective, with certain rules based automated services, there will be less error, and less wait or delay time to apply or re-new program eligibility. From an administrative perspective, it is imagined that oversight and

compliance tools will be more refined for earlier detection of problems, ability to better manage resources, and an improvement of predictive analytics based upon existing data.

**PURPOSE:** Requests the state to convene an advisory committee to investigate how to implement, develop, and regulate artificial intelligence in the State.

Thank you for the opportunity to testify on this resolution.



John Uekawa, President  
Dave Rolf, Executive Director



HADA testimony in **Strong Support of**  
SCR175 / SR142

REQUESTING THE STATE TO CONVENE AN ARTIFICIAL INTELLIGENCE ADVISORY COMMITTEE TO INVESTIGATE HOW TO IMPLEMENT, DEVELOP, AND REGULATE ARTIFICIAL INTELLIGENCE IN THE STATE.

Submitted to the Senate Committee on Technology and the Senate Committee on Commerce, Consumer Protection and Health

for the public hearing 9 a.m. Wednesday, March 27, 2019  
in conference room 229, Hawaii State Capitol

Chairs Keohokalole and Baker, Vice chairs English and Chang and members of the committees:

The large economies of the world are in a race to be the first to achieve the mastery of and use of Artificial Intelligence. Autonomous cars are providing a key pathway to the development of AI.

Hawaii's unique qualities are perfect for the testing and development of connected autonomous vehicles.

It has been reported that by 2025, in a single 30-day period, Connected Autonomous Vehicles will produce a volume of data that is the digital equivalent of all the spoken words throughout history uttered by human beings--a mind-boggling amount of data. Data is the lifeblood of Artificial Intelligence. That's why connected cars will play such an important role in the development of Artificial Intelligence and will connect us to the things we want. Indeed connected cars, through 5G LTE, will connect us to just about everything.



The Hawaii Automobile Dealers Association (HADA), as one of the three founding members of the Hawaii Autonomous Vehicle Institute, (HAVI) was formed late last year, with the UH College of Engineering, also being one of the founding members.

Hawaii's new car dealers are the first state auto dealer association in the nation involved in the development of connected autonomous vehicle technology.

Governor David Ige's executive order 17-07 relating to making Hawaii open for business for autonomous vehicle research and development put things into motion.

HADA moved quickly. In this race to AI it's important that Hawaii move quickly to embrace the changes that are coming to so many industries through Artificial Intelligence. HADA dealers are committed to this legislative effort and ask to be involved in the task force if the resolution moves forward and is adopted.

Respectfully submitted by David H. Rolf, for the members of the Hawaii Automobile Dealers Association