# INNOVATION IS HERE



FY17 ANNUAL REPORT



2800 Woodlawn Drive, Suite 120 Honolulu, HI 96822 (808) 539-3806 | info@htdc.org





The metrics reported were prepared in accordance with Hawaii Revised Statute 206M-3.5 and 206M-15.1.

The annual report required by each of these statutes have been combined into this single, comprehensive report.

HTDC.ORG



80,000 JOBS EARNING \$80,000+ BY 2030

2016 Economic Impact\*

Technology strengthens our economy

\$620 MILLION

Total Economic Impact

\$389M

Total Revenue

10X

**ROI for State**for every \$1 invested
in grant programs \$10
generated in state taxes.

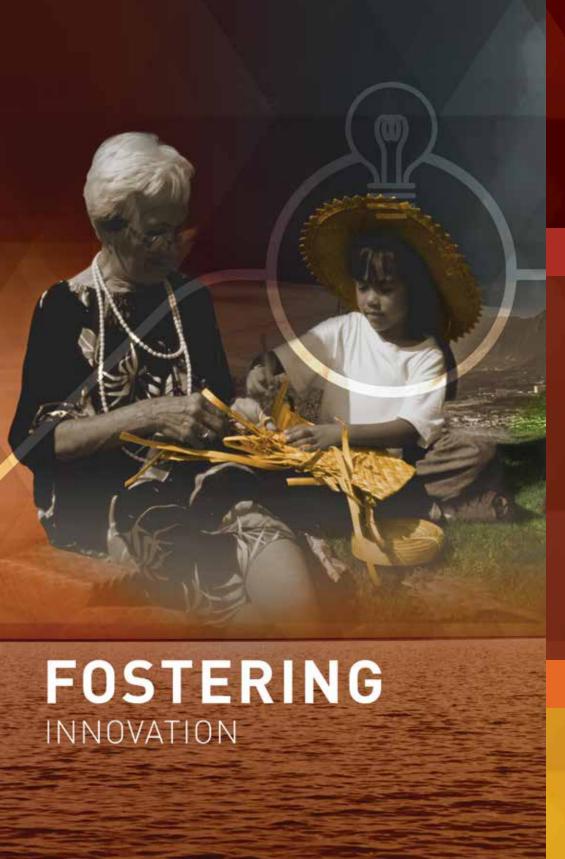
\$156M

Total Income generated

\$27.1M

State Taxes generated

\*150 companies (78%) representing 2,687 jobs responding to HTDC Annual Economic Impact survey distributed to all incubator clients, graduates, grant recipients and Neighbor Island Innovation Initiative clients.



# **UTILIZING RESOURCES**

From the earliest days in Hawaii, innovation has been integral to sustaining our livelihood.

Innovation companies today are building on Hawaii's strengths solving our nation's toughest challenges. They provide good local job opportunities.



# HAWAII SMALL BUSINESS INNOVATION RESEARCH (HSBIR)

PHASE 1

# **\$1.49 MILLION**

Federal SBIR Funds

\$494K

38

Total HSBIR Grant Awarded Anticipated Jobs

8 Applications Received
8 Companies Funded
2 New Companies Awarded

**PHASE 2 & 3** 

# \$13 MILLION

Federal SBIR Funds

\$1.9M

131

Total HSBIR Grant Awarded Anticipated Jobs

9 Applications Received8 Companies Funded1 New Company Awarded

Hawaii boasts the longest running matching grant programs for the Federal Small Business Innovation Research grant program.

September 2017 - the U.S. SBA held its SBIR Road Tour in Honolulu with 80 participants.

OFFICE OF NAVAL RESEARCH ALTERNATIVE ENERGY (HONR)

\$10.2 MILLION

\$950,000

3

Total ONR Federal Funding

HONR Matching Funds

Companies Funded

This matching fund supports energy research projects that will help reach the state's goal of **100% renewable energy by 2045.** 



# BUILDING CAPACITY

# **SUSTAINED GROWTH**

Ancient Hawaiians were leaders in innovative infrastructure using ahupua'a to build, farm and make products.

Our programs and projects look to build on our past with new capacity for our future.



# **NEW INFRASTRUCTURE**



# **ENTREPRENEURS SANDBOX KAKAAKO**

An innovation center for all ages Construction to begin early 2018

# FIRST RESPONDERS TECH **CAMPUS & CYBER CENTER** MILILANI

Land purchased August 2017

# INNOVATION & **MANUFACTURING CENTER** HIL0

Feasibility study completed June 2017

# **INCUBATORS**

# **TOTAL STARTUPS & ENTREPRENEURS**

56

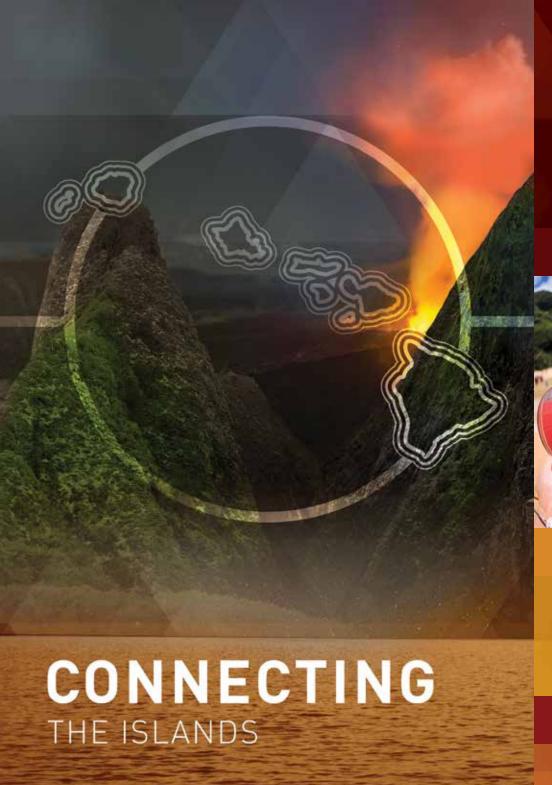
Manoa

Maui

80% of companies in incubators are likely to be in business 5 years after graduating.

# HAWAII CENTER FOR ADVANCED TRANSPORTATION TECHNOLOGIES (HCATT)

HCATT's projects combine demonstration and integration of multiple renewable energy technologies to inform Air Force requirements and concepts of operation. Funded by the US Air Force Research Lab, HCATT is bringing the future of energy technology into reality.



# **OUR WAY TO THE WORLD**

Hawaii companies have always produced world class technologies and products.

Our programs connect them to resources and new opportunities.
Supporting today's innovators creates new channels of revenue and jobs on all islands.



# **NEIGHBOR ISLAND INNOVATION INITIATIVE (NI3)**



91

4.1

Companies Met

Companies Mentored

NI3 provides ongoing mentoring to innovative companies to help them get to the next growth level.

This program is critical to grow an innovation economy to make resources readily available to neighbor island businesses and entrepreneurs.

# **WETWARE WEDNESDAY**

HTDC brings coders, developers and employers together through monthly networking, to support connections that grow into businesses, products and jobs.

930 Attendees

# **HACKATHONS**

These code challenges support innovation to solve issues in a creative way. High school, college students and adults come together to create solutions.

6 Hackathons

710
Participants



THE ECONOMY

# **MADE IN HAWAII**

Hard work is in our culture and has made Hawaii known for its quality products.

Today's manufacturers are utilizing the latest technology to further strengthen the Hawaii brand into a global asset.



# **INNOVATE HAWAII (IH)**



INNOVATE Hawaii assists Hawaii manufacturers through a variety of programs, direct mentoring and special projects. IH is a program of the U.S. Department of Commerce NIST Manufacturing Extension Partnership Program.

# MANUFACTURING ASSISTANCE PROGRAM (MAP)

# **\$5.54 MILLION**

Company Match

\$932K

MAP Grant Awarded 353

Estimated New Jobs 42 Applications Received

25 Companies Funded

14 New Companies Receiving Grants

MAP provides matching grants to manufacturers to support modernization, expansion, and energy efficiency. The grants provide up to a 20% match to a maximum of \$100,000.



# MADE IN HAWAII

Hard work is in our culture and has made Hawaii known for its quality products.

Today's manufacturers are utilizing the latest technology to further strengthen the Hawaii brand into a global asset.



# **OUR WAY TO THE WORLD**

Hawaii companies have always produced world class technologies and products.

Our programs connect them to resources and new opportunities. Supporting today's innovators creates new channels of revenue and jobs on all islands.



# **SUSTAINED GROWTH**

Ancient Hawaiians were leaders in innovative infrastructure using ahupua'a to build, farm and make

Our programs and projects look to build on our past with new capacity for our future.



# **UTILIZING RESOURCES** From the earliest days in Hawaii,

innovation has been integral to sustaining our livelihood.

nnovation companies today are building on Hawaii's strengths solving our nation's toughest challenges. They provide good local job opportunities.



PHASE 2 & 3

\$13 MILLION

Federal SBIR Funds

Anticipated Jobs

# INNOVATE HAWAII (IH)



INOVATE Hawaii assists Hawaii anufacturers through a variety f programs, direct mentoring and special projects. IH is a program of the U.S. Department of Commerce **NIST Manufacturing Extension** 

# **NEIGHBOR ISLAND INNOVATION INITIATIVE (NI3)**



and jobs.

Companies Met

Companies Mentored

NI3 provides ongoing mentoring to innovative companies to help them get to the next growth level.

This program is critical to grow an nnovation economy to make resources readily available to neighbor island businesses and entrepreneurs.

# **ENTREPRENEURS SANDBOX** KAKAAKO

Construction to begin early 2018

FIRST RESPONDERS TECH CAMPUS & CYBER CENTER MILILANI

Land purchased August 2017

INNOVATION & MANUFACTURING CENTER HILO

Feasibility study completed June 2017

\$1.49 MILLION Federal SBIR Funds

> Total HSBIR Grant Awarded

**Anticipated Jobs** 

8 Applications Received

8 Companies Funded

2 New Companies Awarded

PHASE 1

Frant Awarded

Total HSBIR

9 Applications Received 8 Companies Funded

1 New Company Awarded

Hawaii boasts the longest running matching grant programs for

September 2017 - the U.S. SBA held its SBIR Road Tour in Honolulu with 80 participants

OFFICE OF NAVAL RESEARCH ALTERNATIVE ENERGY (HONR)

This matching fund supports energy research projects that will help reach

**\$10.2 MILLION** \$950,000

the state's goal of 100% renewable energy by 2045.

the Federal Small Business Innovation Research grant program.

#### **WETWARE WEDNESDAY** MANUFACTURING ASSISTANCE PROGRAM (MAP)

\$5.54 MILLION Company Match

353 Estimated New Jobs

42 Applications Received 25 Companies Funded

14 New Companies Receiving Grants

MAP provides matching grants to manufacturers to support modernization, expansion, and energy efficiency. The grants provide up to a 20% match to a maximum of \$100,000.

**HACKATHONS** 

These code challenges support innovation to solve issues in a creative way. High school, college students and adults come together to create solutions.

HTDC brings coders, developers and employers

together through monthly networking, to support

connections that grow into businesses, products

Hackathons Participants

# HAWAII CENTER FOR ADVANCED TRANSPORTATION TECHNOLOGIES (HCATT)

# **INCUBATORS**

**NEW INFRASTRUCTURE** 

# **TOTAL STARTUPS & ENTREPRENEURS**

Manoa

80% of companies in incubators are likely to be in business 5 years after graduating.

HCATT's projects combine demonstration and integration of multiple renewable energy technologies to inform Air Force requirements and concepts of operation. Funded by the US Air Force Research Lab, **HCATT** is bringing the future of energy technology into reality.

Maui

# 2016 Economic Impact\*

Technology strengthens our economy

\$620 MILLION

Total Economic Impact

for every \$1 invested in grant programs \$10 \$156M

Total Revenue

Total Income generated

\$27.1M State Taxes generated

\*150 companies (78%) representing 2,687 jobs responding to HTDC Annual Economic Impact survey distributed to all incubator clients, graduates, grant recipients and Neighbor Island Innovation Initiative clients.









The metrics reported were prepared in accordance with Hawaii Revised Statute 206M-3.5 and 206M-15.1. The annual report required by each of these statutes have been combined into this single, comprehensive report.

HTDC.ORG

# INNOVATION ISHERE



FY17 ANNUAL REPORT

