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.
INNOVATION TODAY REFLECTS OUR PAST

2016 Economic Impact*

Technology strengthens our economy

$620 MILLION
Total Economic Impact

$389M
Total Revenue

$156M
Total Income generated

$27.1M
State Taxes generated

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

*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.
**HAWAII SMALL BUSINESS INNOVATION RESEARCH (HSBIR)**

<table>
<thead>
<tr>
<th>Phase</th>
<th>Federal SBIR Funds</th>
<th>Total HSBIR Grant Awarded</th>
<th>Anticipated Jobs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phase 1</td>
<td>$1.49 MILLION</td>
<td>$494K</td>
<td>38</td>
</tr>
<tr>
<td>Phase 2 &amp; 3</td>
<td>$13 MILLION</td>
<td>$1.9M</td>
<td>131</td>
</tr>
</tbody>
</table>

8 Applications Received  
8 Companies Funded  
2 New Companies Awarded

9 Applications Received  
8 Companies Funded  
1 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.

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**OFFICE OF NAVAL RESEARCH ALTERNATIVE ENERGY (HONR)**

<table>
<thead>
<tr>
<th>Total ONR Federal Funding</th>
<th>HONR Matching Funds</th>
<th>Companies Funded</th>
</tr>
</thead>
<tbody>
<tr>
<td>$10.2 MILLION</td>
<td>$950,000</td>
<td>3</td>
</tr>
</tbody>
</table>

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

FIRST RESPONDERS TECH CAMPUS & CYBER CENTER MILILANI
Land purchased August 2017

ENTREPRENEURS SANDBOX KAKAAKO
An innovation center for all ages
Construction to begin early 2018

INNOVATION & MANUFACTURING CENTER HILO
Feasibility study completed June 2017

INCUBATORS

TOTAL STARTUPS & ENTREPRENEURS
56 Manoa
47 Maui

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.

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

<table>
<thead>
<tr>
<th>Count</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>91</td>
<td>Companies Met</td>
</tr>
<tr>
<td>50</td>
<td>Companies Mentored</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Count</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>930</td>
<td>Attendees</td>
</tr>
</tbody>
</table>

## HACKATHONS

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

<table>
<thead>
<tr>
<th>Count</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>Hackathons</td>
</tr>
<tr>
<td>710</td>
<td>Participants</td>
</tr>
</tbody>
</table>
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.
WE ARE HTDC
INNOVATION WILL SUSTAIN OUR FUTURE

CONTINUING AN INNOVATION LEGACY
MADE IN HAWAII (MIH)

New infrastructure, exciting technologies, and scaling up manufacturing are all critical to making Hawaii a HB25 hub. The Manufacturing Acceleration Partnership (MAP) provides matching grants to manufacturers to support modernization, expansion, and energy efficiency. Today’s manufacturers are utilizing the latest technology to further develop and strengthen the Hawaii brand into a global leader.

NIKEWHI HAWAII (NIKEWHI)

MAP Grant Awarded Estimated $5.54 MILLION (NIKEWHI Funded $1.03 MILLION)

$932K Company Match

25 Companies Funded

42 Applications Received

996 Companies Met

930 Participants

56 Total Startups & Entrepreneurs

47 Incubator Graduates

$494K Phase 1

$1.49 MILLION Phase 2 & 3

INNOVATION & MANUFACTURING CENTERS

FIRST RESPONSORS TECH CENTER & FOOD CENTERS

HAWAII SMALL BUSINESS INNOVATION RESEARCH (HSBIR)

OFFICE OF NAVAL RESEARCH ALTERNATIVE ENERGY (HONR)

38 Anticipated Jobs

131 Anticipated Jobs

Hawaii boasts the largest ongoing matching grant programs for the Federal Small Business Innovation Research grant programs. HSBIR funds can be used for any research and development project that advances innovation and technology. NI3 provides ongoing mentoring to 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. Total Economic Impact* generated in state taxes. For every $1 invested, $2.24 is returned.

ECONOMIC IMPACT* 2016 Economic Impact*

$27.1M Total Revenue

$156M Total Economic Impact

EARNING $80,000+

$389M Total Income generated in state taxes.

COST OF LIVING

Hawaii’s living costs are higher than the rest of the U.S. but so are its wages. In fact, Hawaii ranks 15th in the nation for average hourly earnings. The state’s goal of 100% renewable energy by 2045.

BIRDFEEDER REPORT

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