

***Aloha & Welcome***  
**American Recovery and Reinvestment Act:  
Supporting the Aloha State to Go Green**  
**June 22nd, 2009**





# Overview

- Formed in 1982
- 501(c) 3 non-profit corporation
- To implement recommendations and lead effort to balance Maui's economy and pursue high technology development

## **Vision**

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*A future in which abundant opportunities for rewarding employment are met by a qualified, resident workforce in Maui County, a community which honors its cultural heritage and natural environment*

## **Mission**

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*To provide leadership and vision in our community for the responsible design and development of a strong, sustainable, and diversified economy for Maui County*



# TEXTRON Systems

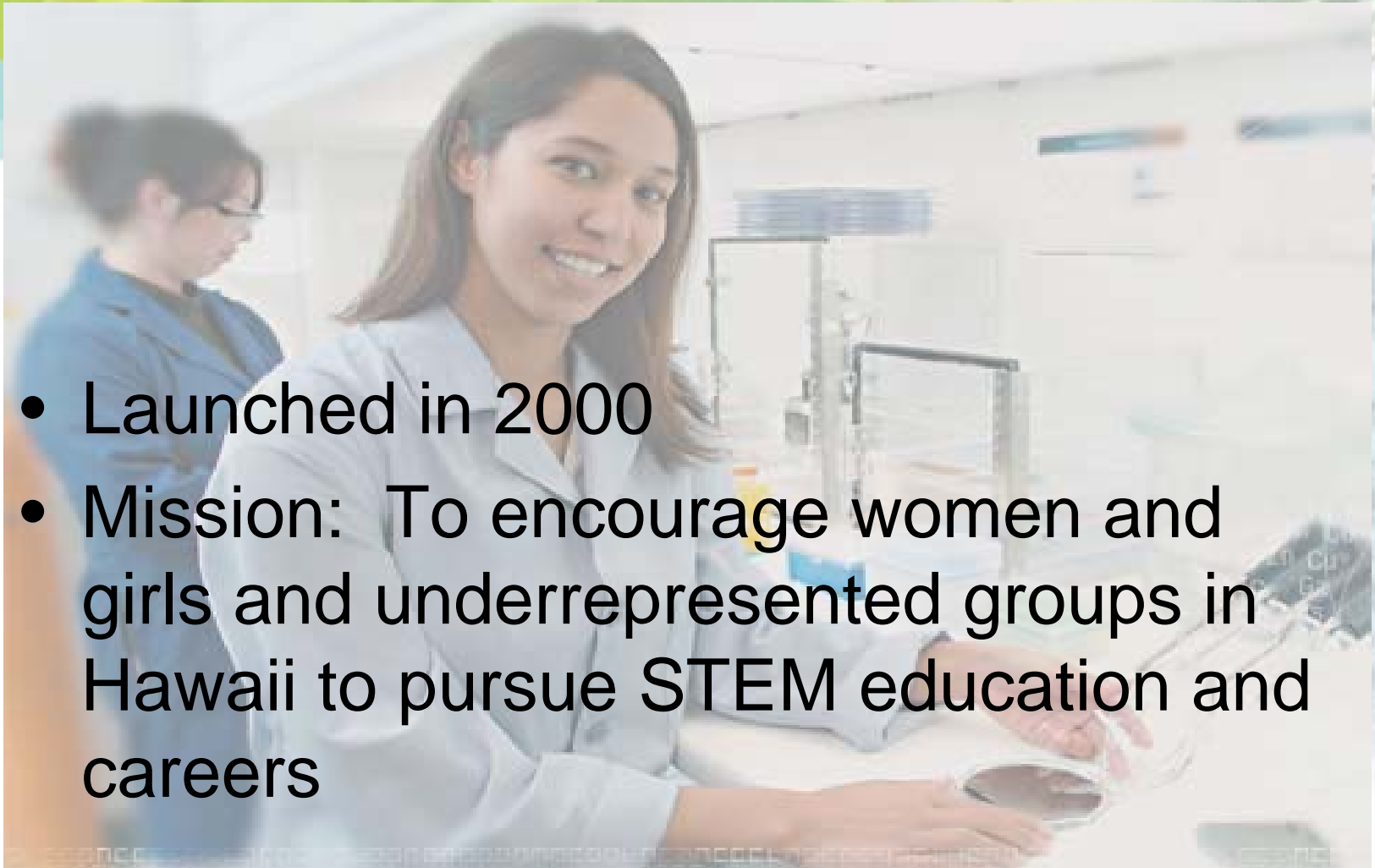




Workforce:  
Key to growth  
and competing

# Women In Technology Project

- Launched in 2000
- Mission: To encourage women and girls and underrepresented groups in Hawaii to pursue STEM education and careers



# Building the Pipeline

## From education to workforce...

- **Project EAST**
- **GeoTech**
- **Robotics**
- **Future Scientists and Engineers of America (FSEA)**
- **Excite Camp**
- **MentorNet**
- **Akamai Internships**
- **Maui GIS Day**
- **4-H Tech Connect**
- **Tech Careers: I Am The Future**
- **Introduce A Girl To Engineering Day**
- **GeoTech for Hawaii Schools**
- **Adopt-A-School Program, Kauai**
- **isisHawaii Mentoring Project, Oahu**
- **Workshops and customized technical assistance**



# Project EAST

## Changing the Education Paradigm...

- *Project-based & service-oriented course*
  - Affirms *community values* and *stewardship*
  - Provides students with most current, high-end software available
- The learning environment creates *critical thinkers*
- Led by a facilitator who guides the students in their own *self-directed* learning process
- Each student *team collaborates* with at least one technical advisor/mentor from the community
- Mentors provide the students insights into the application of the *technology* to the local workplace and community needs.

## *Subtle Shift...*

- Marked Increase in Renewable Energy Projects
- Environmentally Conscience Youth
- Contextual & Relevant Learning
- Making a Difference in the World
- Giving Back



*\*Wonderful engagement and equity tool to attract girls, Native Hawaiians, and underrepresented minorities.*

# **Inquiry Based Science Workshop**

## **“Island Energy”**

- Educate the Educator
- Developed Island Energy Green Curriculum
- Professional Development Credits (3)
- Aligned with the Hawaii State Standards
- Maui Summer Pilot 2009
- Bringing the Workshop Statewide  
Spring/Summer 2010



# GeoTech for Hawaii Schools

- Launched Summer of 2008
- Approximately 50 teachers from across the state participated in GIS workshops.
- Introduction to GIS
  - 8 Week Online Workshop Series for Teachers
- Summer 2009 Teacher/Student GIS Workshops (Statewide)
- October Professional Development Workshop with ESRI's Joseph Kerski
- GIS Day Event – Please Join Us!

<http://womenintech.com/geotech.html>

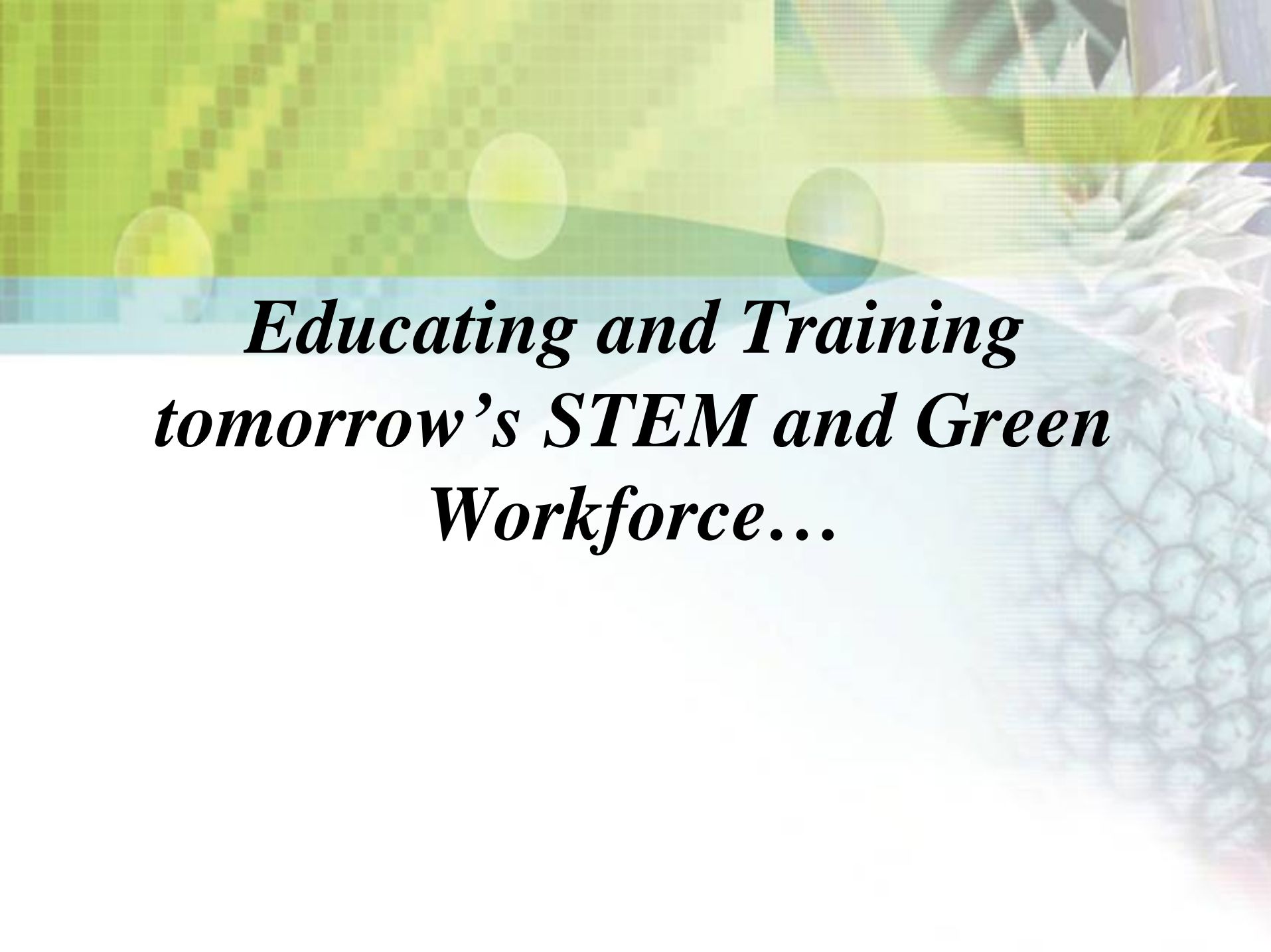


# Good News!!

- Hawaii recently acquired a statewide license through a partnership with MEDB's Women In Technology & the State DOE.
- Hawaii is the *first state in the nation* to have GIS licensure throughout the entire K-20 educational system.

**County of Maui**  
**U.S. Congressional Delegation**  
**U.S. Department of Energy**  
**U.S. Department of Commerce - EDA**  
**U.S. Department of Labor**  
**U. S. Department of Education**  
**U.S. Department of Agriculture**  
**Center for Adaptive Optics, NSF**  
**Air Force Research Lab**  
**Institute for Astronomy**  
**Technology Business Community**  
**University of Hawaii / Community Colleges**  
**Department of Education, Maui District**  
**Kamehameha Schools**  
**Labor Unions**  
**Kama'aina Careers**  
**Workforce Investment Boards**  
**Economic Development Boards**

## **Workforce Alliances**



***Educating and Training  
tomorrow's STEM and Green  
Workforce...***

**For more information please  
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