Training Your Employees for Sustainability

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Hawaii Build and Buy Green Conference, 2012
Why is it important to train your employees in sustainability?

• Transition to “green”
• Sustainability training certifications:
  • Establish a standard of professional competence
  • Foster professional development, long-term career goals
  • Promotes quality, high level of competence
SESP Business Survey Results

- 94% of 124 businesses surveyed made money-saving sustainable practice changes:
  - 83% in Recycling
  - 81% in Water Conservation
  - 80% in Lighting
  - 56% in Air conditioning and Ventilation
  - 21% in PV installation
  - 19% in Solar hot water
- 33 reporting savings of over $1.4 million
SESP Business Survey Results

• Improvements businesses would like to make
  • 70% water conservation
  • 60% recycling
  • 56% PV
  • 46% energy management
• 64% interested in having a sustainability assessment
• 58% would like intern from sustainability classes
Hawai‘i Green Workforce Projections

• Green Jobs to grow by 26% from 2010-2012
  --Hawaii’s Green Workforce
• Energy efficiency provisions will create an additional 2,100 new jobs in the State of Hawai‘i in the next 10 years
  --American Council for an Energy Efficient Economy (ACEEE)
Hawaii Green Workforce Report

Kauai County
460 Green Jobs
1.9% of County Jobs
71 Additional Green Jobs by 2012

Honolulu County
6,866 Green Jobs
2.0% of County Jobs
1,885 Additional Green Jobs by 2012

Maui County
2,597 Green Jobs
4.6% of County Jobs
437 Additional Green Jobs by 2012

Hawaii County
1,222 Green Jobs
2.5% of County Jobs
510 Additional Green Jobs by 2012

Source: Hawaii’s Green Workforce: A Baseline Assessment, December 2010 (Department of Labor and Industrial Relations)
Establishing Training Partnerships
Where can I get trained?

honolulu community college
leeward community college
uh maui college
hawaii community college
kauai community college
university of hawaii at manoa

Community colleges and trade schools fulfill 62%
--Source: Hawaii’s Green Workforce: A Baseline Assessment, December, 2010
Energy Training Focus Areas

Focus Areas
- Energy Efficiency
- Renewable Energy
- Water Efficiency
- Business
- Waste

Target students
- Unemployed
- Low employment
- Current students
- Needs updated skills
Welcome to SESP Hawaii

Are you interested in training in one of Hawaii’s green sectors? Do you need to upgrade your skills to advance in a green occupation? Would you like to be a part of Hawaii’s clean energy movement?

No matter who you are or what your schedule, there are green job training programs for you. Many are offered through the University of Hawaii Community College system; others are offered by private training providers. In both cases, full scholarships are available for qualified applicants to attend these programs absolutely free.

Click on the statement that best describes you:
Training Programs Available Now

Select where you'd like to look for available training programs.

Oahu

Hawai‘i (Big Island)

Maui

Kaua‘i

I'd like to take a course online.
Since receiving my certification, I've been able to "speak the language" of sustainable and energy-efficient building practices and systems more readily, which has translated into being more effective in my communications with clients, vendors, subcontractors and colleagues. It's no longer difficult to convince others to make informed decisions now that I have been better informed myself.”
Designation for level 1 home or small business audits
- Train participants in the basics of building science and energy management
- Selected because no specialty equipment is needed to perform audit tasks
- Available through SESP on all islands and KUPU on Oahu
Green Building and LEED

- 2-4 day trainings that provide participants with a stronger base in the field before taking the LEED GA exam preparation class
- Covers basic green building and energy efficiency concepts
- All islands, including Lanai and Molokai
Renewable Energy Training Programs

- Advanced Photovoltaic
- PV Technical Sales
- Solar Hot Water
- NABCEP Exams
- NABCEP
- Small Wind Energy Program
Sustainable Business Programs
Hawaii Energy

- Association of Energy Engineers (AEE)
  - Certified Energy Manager (CEM)
- “Learning to S.E.E. (Sell Efficiency Effectively)™”
- “Energy Efficiency’s Role in Your Sustainability Agenda”
- “Benchmarking Your Commercial Building and What’s Next”
- See http://www.eefg.com/training-events for more info
maui eva
MAUI ELECTRIC VEHICLE ALLIANCE
KUPU – Youth Energy Assessment Hawaii

- On O’ahu, homes that have signed up for the Hawaii Energy Study (HES) are selected for a home assessment.
- Auditors completed the RESNET Home Energy Survey Professional training.
- Partners on the HES are committed to bettering our local communities through this collaborative effort to ‘reducing Hawaii’s energy consumption by making energy efficiency and energy conservation solutions more accessible and actionable.’
Sustainability Workshop for Business Leaders in Hawaii

- Sustainability 101 for business
- Engaging the green workforce
- Energy, water, and waste saving techniques for business
- Communications for sustainability

Workshops summer 2012

www.GBOGroup.com
How to Register

- Register for classes at the University of Hawaii colleges: [www.sesphawaii.org](http://www.sesphawaii.org)
  - **Honolulu Community College**: Preshess Willets-Vaquilar, (808) 845-9407
  - **Kapiolani Community College**: Carol Hoshiko, (808) 734-9568
  - **Leeward Community College**: Michael Moser, (808) 455-0470
  - **Windward Community College**: Jane Uyetake, (808) 235-7433
  - **Maui College**: Jennifer Chirico, (808) 984-3379
  - **Kauai Community College**: Tracy Hirano, (808) 245-8351
  - **Hawaii Community College**: Tony Kent, (808) 934-2700
- Sustainable Business Workshops: [www.GBOGroup.com](http://www.GBOGroup.com)
Green Workforce Future

• Growing
• Identifying gaps
• Developing policy
• Transition to “green”
• Local workforce
Mahalo!

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