

Educating a Workforce in Renewable Energy and Energy Efficiency

**Hudson Valley Community College
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Workforce Development Institute

- Closely aligned with organized labor & the NYS Department of Labor
 - Provider of workforce intelligence to DOL
- One of the founders and funders of the NYS Apollo Alliance
- Seeking ways to ensure that NYS gets its rightful place in the green jobs economy

Current Condition of Green Jobs Training

- Community Colleges in NY take the lead
 - Flexible – certificate programs
 - Credit and non-credit courses
- Organized labor is retooling its training and looking to build partnerships
- Businesses do their own training & retraining
- NYSERDA and other government agencies provide job training funds
- BOCES and other Technical Secondary Schools

Importance of Training Partnerships

- Identify projected job growth and demand for skilled labor;
- Assess the strengths and weaknesses of the current workforce development infrastructure and its ability to meet this demand;
- Develop new training programs to fill the gap.

Source: Green-Collar Jobs in America's Cities, the Apollo Alliance and Green for All

WDI's Vision for GJ's Training

- Reduce fragmentation and improve coordination of training opportunities
- Serve as an information consolidator for green jobs training
- Build regional alliances that identify and address the training needs of businesses

Training Inventory

- Training inventory statewide
 - What training opportunities already exist among colleges, BOCES, the Unions, Businesses?
 - Work with partners to identify needs, develop and maintain an inventory of green jobs training
 - Provide easy, one-stop access to available training resources.

Form Regional Alliances That Support Green Jobs

- Use the WDI Regional Director Network
- Help create regional Apollo's
- Host green industry skills panels to support curriculum development
- Support community green job audits
 - Determine training needs and compare against availability
 - What are the gaps?

Green Jobs Training Fund

- Fund innovative programs that can be replicated and that support green jobs
- Provide *gap funding* for training programs with multiple funding sources
- Encourage curriculum development through collaborative partnerships (community colleges, businesses, unions)
- Provide guidance re: available funding for green jobs training

WDI As A Resource Consolidator

Our Vision:

- www.greenmarketnetwork.org

Welcome to the Workforce Development Institute's *Green Market Network*. This web site will serve as a portal for all things related to green jobs, training and referrals.

Some Questions & Challenges

- California's solar roof initiative will generate 15,000 jobs there. *Why not here?*
- Denmark's wind industry employs 20,000 and Spain's 35,000. *Why not here?*
- Generating 20% of U.S. electricity from new renewable energy by 2020 will add 185,000 new jobs nationwide. *How many will be here?*
- *And will we have a system of training that can meet the needs?*

“The challenge we face is taking workers whose jobs are disappearing and moving them into jobs that are being created. For workers with great knowledge and flexible skills, the challenge can be met.”

The Jobs Revolution, Gunderson, Jones & Scandland

The Clean Tech Revolution is Upon Us. Let's all seize the moment!

- For more information or to share your ideas, complete the survey form.
- Contact: pshatsoff@wdiny.org