



The Workforce Solutions Division

Developing the Job Skills for Today's Economy through Customized Training

GREEN TRAINING FOR THE INCUMBENT WORKFORCE

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Discussion Outline

- 1. The Green Economy and Green Jobs**
- 2. Incumbent Worker Training Needs**
- 3. Response to the Training Needs**
- 4. Next Steps**
- 5. Discussion and Q&A**

OUTLINE



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Green Economy (Many Definitions!)

“The products and services that are being developed and produced to lower greenhouse gas (GHG) emissions, improve air and water quality, provide more sustainable development alternatives, and provide cleaner and more efficient energy options.” Research Partnerships, 2008

Economy Sectors and Clusters Involved

- **Green Building**
- **Renewable Energy**
- **Alternative Fuels and Transportation**
- **Utilities**
- **Green Technology**

THE GREEN ECONOMY AND GREEN JOBS



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Green Jobs

“Skilled and professional jobs where specific training is provided to produce products and services that directly improve environmental quality.” REDI, 2008

Green Jobs are then...

- **Found in companies that are part of the green economy and in companies and other institutions that are involved in environmental efforts**
- **Will require the conversion of existing skill sets and the acquisition of new skills sets**
- **Generally mid level (although there will also be entry-level!) and many of them do not require a bachelor's degree (e.g. solar system installer)**

THE GREEN ECONOMY AND GREEN JOBS



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Employers Need:

- **Entry level workers in all kinds of occupations with basic green knowledge and skills**
- **Mid level workers in all kinds of occupations with adequate green experience and skills**

Workers will need to get....

- **Introductory training on green practices**
- **Green certifications (LEED, CEP)**
- **Specialized training (Energy Auditor)**
- **Green continuing education**

INCUMBENT WORKER TRAINING NEEDS



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The Green Training Needs Require a Comprehensive Response:

- **Incumbent worker training and continuing education programs will need to develop expertise in green sectors, occupations and competencies in a short span of time**
- **These programs will also need to recruit trainers, subject matter experts, sales and programming staff to develop and deliver various types of green training programs**

RESPONSE TO THE TRAINING NEEDS



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The Green Training Needs Require a Comprehensive Response:

- **These programs will need to work closely with business associations and other workforce development partners to keep pace with a new and quickly changing green economy**
- **These programs will need to work with local, state and federal agencies to tap into workforce development monies to develop programs and to deliver training**

RESPONSE TO THE TRAINING NEEDS



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Examples of Response (pg. 22-25)

- **Green Academy (Cuyahoga Community College)**
- **Center for the Advancement of Green Training (Workforce Institute, City Colleges of Chicago)**
- **Benchmark for best practices at other colleges and universities!**

RESPONSE TO THE TRAINING NEEDS



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What is Coming?

- **The American Recovery and Reinvestment Act (Stimulus Package!) will make the green economy and green jobs a priority**
- **There will be other policy decisions that will continue to make the green economy a priority**
- **We should start to develop the capacity to respond to a great opportunity to attract more students, funding, and enterprise revenues to our colleges and universities!**

NEXT STEPS



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Discussion and Q & A!

DISCUSSION AND Q & A