



Green Jobs Innovation Fund

Overview

The Green Jobs Innovation Fund (GJIF) was authorized as a Pilot and Demonstration Project under the Workforce Investment Act (WIA) of 1998 to help workers receive job training in green industry sectors and occupations, as well as access green career pathways. The Department of Labor (DOL or the Department) through the Green Jobs Innovation Fund is seeking to increase the number of individuals completing training programs who receive industry-recognized credentials and to increase the number of individuals completing training programs for employment in green jobs. These funds are available to applicants who are willing to operate through local affiliates in at least six communities to serve as the central organization that brings together the appropriate partner organizations to ensure that participants receive comprehensive job training and support services that move participants into and along a career pathway.

With these grants, the Department is emphasizing two key workforce programs that move participants along green career pathways by: 1) forging linkages between Registered Apprenticeship and pre-apprenticeship programs, and/or 2) integrating the delivery of technical and basic skills training through community-based partnerships.

Grantee Abstracts

Six (6) awards ranging from approximately \$5 million to \$8 million each were made to three categories of grantees: 1) national labor-management organizations with local affiliates; 2) national non-profit entities with local affiliates; or 3) statewide non-profit organizations or state Workforce Investment Act administering agencies with local affiliates. In each of these categories, projects will be implemented at the community level. Each applicant was required to actively involve at least one employer or industry organization in each of the proposed communities. In addition, the applicants were required to include at least one invested, active partner that contributed resources products, models, and/or tools funded through other sources. The grantee abstracts may be found on the following pages.

ABSTRACT

Applicant Name: Center for Employment Training
Eligibility Category: National Non-Profit Organization with Local Affiliates
Headquarters: San Jose, California 95110

Communities to be served:

San Jose, California	San Bernardino, California
Sacramento, California	San Diego, California
Watsonville, California	Alexandria, Virginia

Project Name: Center for Employment Training Green Jobs Innovation Project

Funding Requested: \$5,125,548

Project Description: Center for Employment Training (CET), a national non-profit corporation, with over 40 years of employment and training service experience is proposing to provide basic education, literacy and occupational skills training to low-income adults and dislocated workers in six affiliate training communities in California and Virginia. An extensive labor market study has been conducted in each of the affiliate training site communities with strong evidence for growth and opportunity in emerging green jobs industries.

CET will implement its nationally recognized “contextual training model” to enhance the preparation job seekers facing multiple barriers to employment and prepare them for career employment opportunities in a variety of emerging green industry jobs. A total of 450 unemployed adults and dislocated workers will complete training, receive green industry certifications and a minimum 390 graduates will start new and emerging career employment.

The project green training programs/occupations fall within energy efficiency and renewable industries:

The new *Green Jobs* training courses/occupations to be offered:

- *Solar Photovoltaic System Installers*
- *Weatherization Technician*
- *Green Building Construction Skills (including BPI Building Analyst Career pathway Energy Audit Professional and BPI Envelope Analyst Career pathway Building Energy Efficiency Professional)*
- *Heating, Ventilation and Air Conditioning (with Green Skill Competencies)*
- *Electrician Photovoltaic*

Credentials to be offered:

North American Board of Certificated energy practitioners (NABCEP)- Entry-Level Certificate
BPI Building Analyst Professional Certification BPI Envelope Professional Certification
EPA 410, 608, 609 Certifications, Green Awareness Certificate and meeting NCCR proficiency standards
EPA/HUD Lead Abatement Certification and meeting NCCR proficiency standards
<i>Western Association of Schools and Accreditation (WASC) Certificate of Completion- skills competencies completions</i>

Populations to be served: Low-income unemployed adults and Dislocated Workers

Employers and Invested Partners:

Employer Partnerships: 1. Avalon Bay Communities Inc., San Jose, CA, 2. Avalon Bay Communities, Inc. Sacramento, CA, 3. ODW Logistics Inc., San Bernardino/Riverside County 4. Aero Sun Electric, San Bernardino/Riverside County, 5. TA Construction Solar, San Diego 6. Hernandez Electrical & Solar, San Diego, CA, 7. BOZZUTO, Alexandria, Va. 8. Natividad Medical Center Auxiliary, Watsonville 9. Velocity Energy Partners, Inc., Sacramento/San Jose, CA.

Invested Partners: 1. WIB Work2Future, San Jose, CA. 2. Sacramento Works One-Stop Career Center, Sacramento, CA 3. Watsonville Aptos Adult Education, CA 4. City of San Bernardino Employment Training Agency, CA 5. Pure Sustainable Solar San Diego, CA 5. Grid Alternatives, San Diego, CA 6. BOZZUTO Alexandria, VA 7. Sustainable Buildings Industry Council, Washington D.C. (serving Alexandria) 8. US Green Building Council, Alexandria, VA,

Public Contact Information:

Center for Employment Training
Attn: Hermelinda Sapien, President/CEO
701 Vine Street
San Jose, CA 95110
hsapien@cet2000.org
408-534-5320

PROJECT ABSTRACT

APPLICANT NAME: The Connecticut Department of Labor (CTDOL) applies as a State Workforce Investment Act Administering Agency with local affiliates.

APPLICANT CITY/STATE: CTDOL offices are located in Wethersfield, Connecticut.

COMMUNITIES: The project reaches statewide across seven Connecticut communities: Bridgeport, Bristol, Hartford, New Britain, New Haven, and Eastern and Northwest Connecticut.

PROJECT NAME: Connecticut Green Jobs Funnel Initiative (CGJFI)

FUNDING REQUEST: \$5.8 million

PROJECT DESCRIPTION: The CGJFI will systematically enhance and replicate the evidenced-based Jobs Funnel model for delivering technical and basic skills training through community-based partnerships, and will focus on pre-apprenticeship and Registered Apprenticeship programs. The CGJFI will increase the employability of un- and under-employed skilled tradespersons through industry-driven green training and selected Jobs Funnel services, and will assist construction industry newcomers to prepare for Registered Apprenticeship programs and employment through enhanced Jobs Funnel services (including green construction training).

Grant funds will: 1) strengthen five existing Jobs Funnels by ensuring the full availability of Jobs Funnel services (assessment, case management, support services, basic and technical skills training, job placement and retention support) in each community; 2) enhance the Jobs Funnel model through increased delivery of green construction training and online learning; 3) extend Jobs Funnel services and green training to un- and under-employed skilled tradespersons (a population not currently targeted for services by the Jobs Funnels); 4) replicate the enhanced model in Bristol and Eastern Connecticut; 5) Support On-the-Job Training and paid internships for Jobs Funnel graduates; 6) Promote current Registered Apprenticeship programs and explore the development of additional programs; and 7) Support professional development and training for qualified instructors.

A 16-hour Green Tradesman Certification will serve as the “core” green construction training across all trades. A range of additional technical training options will provide specialized green building skills and trade-specific certifications/licenses required for work on green projects.

TARGET INDUSTRIES: The CGJFI responds to industry demand in green construction and related industries (e.g., brownfield remediation, deconstruction, retrofit, weatherization, energy management) with over \$1 billion in near-term projects scheduled to occur. The CGJFI will train skilled construction trades (e.g., carpentry, iron work, electrical, plumbing, sheet metal, painting and allied trades, solar photovoltaic installation, hazardous materials removal) that require additional green skills to meet projected employer demands.

TARGET POPULATION: The CGJFI will target un- and under-employed adults with barriers to employment and will: a) serve 975 individuals (400 construction industry newcomers and 575 skilled tradespersons); b) provide education/training to 900 people; c) help 845 individuals earn credentials; and d) assist 575 participants to enter unsubsidized employment.

Credential type received by CGJFI participants	# Received
1. Green Tradesman Certification	750
2. Trade-specific green technical training (e.g., Energy Audit Technician Certification)	550
3. Trade-specific required technical training (e.g., Solar Thermal Certification)	250
4. Workforce Training Associates Customer Service/Life Skills Completion Certificate	250
5. Math Refresher Course Completion Certificate	180

EMPLOYERS & INVESTED PARTNER: Employers and industry organizations, including several unionized building trades and building contractors, will provide technical assistance, diverse training offerings, entry to Registered Apprenticeship programs, and access to viable construction jobs. Community-based organizations will supply staff to recruit and deliver services to Jobs Funnel participants. The State of Connecticut (the CGJFI *Invested Partner*) will provide financial support and technical assistance. Regional Workforce Investment Boards will house six of the Jobs Funnels, serving as fiscal agents and delivering project-level management.

PUBLIC CONTACT: Contact Kathleen Marioni at CTDOL (kathleen.marioni@ct.gov).

ABSTRACT

SGA/DFA PY-10-07

- **Applicant Name:** The Finishing Trades Institute of the Mid Atlantic Region; a statewide non-profit organization and private higher education institution.
- **Location:** Philadelphia, Pennsylvania
- **Communities to be served:** Altoona, Pa. (Blair Co.), Delaware State (all 3 counties), Drums, Pa. (Luzerne Co.), Erie, Pa. (Erie Co.), Harrisburg, Pa. (Dauphin Co.), Philadelphia, Pa. (Philadelphia Co.), Pittsburg, Pa. (Allegheny Co.), Winslow, NJ. (Camden Co.).
- **Project Name:** FTI Tri-Green Certification Program
- **Funding Level Requested:** \$5,935,032.40
- **Targeted Industries & Credentials:** Construction/Building Trades Industry; with special disciplines in Commercial Painting, Drywall Finishing, Glazing, and Industrial Painting. Outcome credentials (1) OSHA 10, (2) First Aid/CPR, (3) Green Advantage, and (4) Associate's Degrees.
- **Populations to Be Served:** unemployed / underemployed, dislocated workers, youth/disadvantaged youth, incumbent workers, and veterans.
- **Employers and Invested Partners:** This program would serve over 400 existing signatory employers in three states (PA, NJ, and DE). Additional employer groups are anticipated upon start of program. Invested partners consist of several community and faith based groups, eight (8) local Workforce Investment Boards, and content matter experts in the field of "green" and sustainable businesses. Additionally, we will partner with several educational institutions to provide degrees and or credits towards degrees.
- **Public Contact Information:** Michael Schurr – Director of Training; mikeschurr@dc21.com; www.fti.edu; 215-501-0130 x17.

Description:

The Finishing Trades Institute of the Mid Atlantic Region (FTI MAR) and the Finishing Trades Institute of Western Pennsylvania (FTI WPA) are non profit, post secondary educational facilities that have had apprenticeship standards registered with the Department of Labor for nearly seventy (70) years. Additionally, the FTI MAR is accredited through the Federal Department of Education. Both institutions provide membership training for crafts represented by the International Union of Painters and Allied Trades (IUPAT); Commercial Painters/Wall Coverers, Drywall Finishers, Glaziers, and Industrial Painters. The FTI MAR provides education for IUPAT District Council 21 in Eastern Pennsylvania, Southern New Jersey and all of Delaware. The FTI WPA provides education and training for IUPAT District Council 57 in Western Pennsylvania.

The FTI MAR and FTI WPA propose a non traditional partnership between organized labor, employers, and the public and private workforce development sectors. **This Partnership will be called the “FTI Tri-Green Certificate Program”**. The proposed project would combine safeguarding the environment with preparing skilled and unskilled workers for green jobs in the painting, finishing, glazing, and weatherization industries.

The Project would:

- *Offer three unique training opportunities; (1) pre-apprenticeship programs offering pathways to apprenticeship in several building trades or residential constructions industries;*
- *(2) Apprenticeship; by enhancing existing curricula, and (3) through journeyworker skills upgrade training programs.*
- *Provide training leading to certification for nearly 1800 **individuals** including incumbent workers, unemployed or under employed workers, disadvantaged young people interested in pre-apprenticeship training, and dislocated workers from various manufacturing sectors in the region, and veterans.*
- *Offer program completers three industry recognized credentials; (1) OSHA 10, (2) First Aid/CPR, and (3) the nationally recognized “Green Advantage Certificate,” as well as ten college credits. Additionally, this program will offer apprenticeship graduates the opportunity to obtain an Associates Degree.*
- *Provide hands-on **work experience and employment** in the many career opportunities emerging as the clean economy grows: Stimulus-supported bridge and weatherization projects, LEED green building initiatives, solar window and glass retrofits, and many other areas.*
- *Reduce Volatile Organic Compounds (**VOC**) **emissions and contamination** of ground and storm water and increase the use of environmentally-friendly products and treatment approaches – better safeguarding workers and consumers.*

The classroom and lab based training would occur at eight strategic locations in the Tri-State area; Philadelphia PA, Pittsburgh PA, Harrisburg PA, Drums PA, Erie PA, Altoona PA, Winslow, NJ, and all of Delaware. More than 400 contractors have signed on to work with the graduates of the program. The project would be managed by the FTI MAR in conjunction with several area Workforce Investment Boards, School Districts, and Private and Public Workforce Development Organizations.

The Finishing Trades Institute of the Mid Atlantic Region and its partners appreciate the opportunity to be considered for funding through the SGA/DFA PY-10-07. We believe the proposed program can change the quality of life for its participants by creating pathways where each can obtain a family sustaining wage career.

**JFF GreenWays Initiative
DOL Green Jobs Innovation Fund
Funding Opportunity Number: SGA/DFA PY-10-07
CDFA Number: 17.279**

Abstract

Applicant Name: Jobs for the Future, Inc.

Applicant Category: National Non-Profit Organization with Local Affiliates

Applicant's City/State: Boston, MA

Communities Served by the Applicant: Boston, Chicago, Detroit, Milwaukee, Philadelphia, Seattle, Washington, DC

Project Name: JFF GreenWays Initiative

Funding Level Requested: \$8,000,000

Brief Description of Project: Jobs for the Future (JFF), in partnership with Wider Opportunities for Women (WOW), will leverage its significant expertise in green sector training and the substantial capacity of its affiliates to enhance and expand green career pathway training programs for unemployed, dislocated, and lower-skilled incumbent workers in Boston, Chicago, Detroit, Milwaukee, Philadelphia, Seattle, and Washington, DC. The proposed project, titled the "GreenWays Initiative" will enhance an exceptional set of nine existing pathway programs managed by JFF's local affiliates to provide green career advancement opportunities in four industry sectors: Green Construction, Auto Technology, Manufacturing, and Utilities. Each pathway program to be enhanced is an established workforce partnership with strong employer engagement and with a record of successfully training and placing lower skilled workers. Each pathway program is designed specifically to meet strong and confirmed labor market need. Each program will receive financial and technical support from its JFF affiliate, a local funder collaborative that serves as Invested Partner. All affiliates and their programs will receive high value technical assistance from JFF and WOW. By the end of the grant period, the expanded and enhanced GreenWays career pathway programs will serve over 1,000 participants.

Targeted Industries/Occupations and Related Credentials

- ***Auto Technology:*** Mechanic Assistant; General Service Technician; Valet; Lube Technician; Maintenance Technician; Customer Service Advisor; Alternative Fuel Diagnostician; Maintenance Diagnostician; Master Automotive Technician
 - Related Credentials: Auto Service Excellence credentials
- ***Green Construction:*** Weatherization Installer; Air Sealer; Insulator; Landscaping Technician; Deconstruction specialist; RESNET Field Rater/Blower door operator; Green Carpenters helper; Green Roof maintenance; Green Cement Masonry; Union Apprenticeships; Weatherization Crew Chief; Weatherization auditor; Solar PV Installer; Solar PV Technician;

Solar PV Sales; Solar PV Supervisor; Solar PV Designer; Weatherization Contractor; Advanced Designer

- Related Credentials: OSHA 10; Lead Abatement; HAZWOPER; First Aid/CPR; BPI Energy Audit; Qualify for HERS raters and BPI Building Analysts; Crew Chief and Weatherization Inspector exams; NABCEP Installer
- **Manufacturing:** Press Punch Operators; Manual Machine Operators; CNC Machine Operator; CNC Programmer Trainee; Quality Assurance Technician; Turning and Milling; CNC Programmer
 - Related Credentials: NIMS Level 1 manual milling, tuning, measurement/materials/safety; CNC operating and set up; NIMS Level 2 CNC milling and tuning programming
- **Utilities:** Cable TV Installer; Warehouse Groundsman; Materials Handler; Apprenticeships: Tree Trimmer, Traffic Signal Installer, Linesman, Operator, Utility Electrician, Wireman; Foreman; Job Estimator; Construction Manager
 - Related Credentials: First Aid/CPR; Flagger certification; Forklift certification; OSHA 10; National Joint Apprenticeship Committee 1st year credentials in solar photovoltaic, building automation, and advanced lighting controls

Population Served: Unemployed, dislocated, and lower-skilled incumbent workers, with a focus in many communities on recruiting women and people of color into green industry occupations.

Required Employers and Invested Partners:

- **Boston - Invested Partner:** SkillWorks; **Employers:** *Auto Technology:* Sullivan Tire and Auto Service; Direct Tire and Auto Service; Herb Chambers Honda; Expressway Motors; Auto Service and Tire
- **Chicago – Invested Partner:** The Partnership for New Communities; **Employers:** *Manufacturing:* Ford Motor Company; Kay Manufacturing Company
- **Detroit – Invested Partner:** Detroit Fund for Innovative Workforce Solutions; **Employers:** *Green Construction:* Midwest Region and Pole Star Construction
- **Milwaukee – Invested Partner:** Milwaukee Area Workforce Funding Alliance; **Employers:** *Green Construction and Auto Technology:* Johnson Controls; Wisconsin Green Building Alliance; Housing Authority of City of Milwaukee; Wisconsin Auto & Truck Dealers Association; City of Milwaukee Department of Public Works
- **Philadelphia – Invested Partner:** Job Opportunity Investment Network; **Employers:** *Green Construction:* Smart Energy Initiative of Southeastern Pennsylvania
- **Seattle – Invested Partner:** SkillUp Washington; **Employers:** *Green Construction and Utilities:* Puget Sound Energy; Grays Harbor PUD; AVISTA; Bonneville Power Administration; Tanner Electric; Snohomish PUD; Seattle City Lights
- **Washington, DC – Invested Partner:** National Capital Region Community Foundation; **Employers:** *Green Construction:* Clark Construction

Project Contact: Geri Scott, Program Director, Jobs for the Future (gscott@jff.org).

**Abstract for a U.S. Department of Labor ETA
Green Jobs Innovation Grant Application**

Applicant Organization: LIUNA Training and Education Fund (LIUNA Training)

Eligibility Category: National Labor-Management Organization with Local Affiliates

Applicant Location: Pomfret Center, CT

Proposed Communities Served: Albany/Schnectady, NY; Cincinnati, OH; Long Island, NY; Newburgh, NY; New Orleans, LA; New York City, NY; Miami, FL

Project Name: Energy Efficiency and Green Construction Jobs Training Program

Funding Level Requested: \$5,507,602

Project Overview: LIUNA Training and Education Fund and six affiliated training sites will conduct energy efficiency/green construction worker training programs at seven locations in the Eastern U.S, Midwest and Gulf Coast. The proposed project provides training that addresses anticipated industry and workforce needs in Cincinnati; Miami; New Orleans; Long Island, New York City, Albany and Newburgh, NY. A primary goal of the training program is to provide training that helps participants obtain living wage jobs with career growth opportunities.

Target Industries: The training will qualify workers for employment in energy efficiency/renewable energy (weatherization and geothermal), waste water management, transportation (green highway construction) and green construction (residential and commercial retrofit). Depending on local needs and program emphasis, participants will obtain certificates in weatherization technician/installer, weatherization supervisor, and energy auditor; demolition/deconstruction, geothermal installation, erosion control, storm water management and other related construction and safety certificates. Participants will also learn core

construction skills that qualify them for general construction work and entry into LIUNA Construction Craft Laborer registered apprenticeship programs.

Populations Served: Target populations for the training programs are unemployed construction workers who require new skills to obtain or retain employment in the green construction/energy efficiency industries and unemployed and unskilled or limited skilled workers who require basic and job skills training to obtain good jobs with education and career growth opportunities.

Partners: Six affiliated training sites will implement the training programs in partnership with Community Based Organizations (CBOs), employers and pre-apprenticeship programs. Most partners are also Invested Partners, which provide leveraged resources. Program partners include: Eastern New York Laborers' Training Center with: Altamont and Peter Young Housing Industries; Laborers' Southeast Training Fund with: Opa Locka Community Development Corp., Jamii Builders, LLC, and South Florida WIB; Local 17 Training Fund with: Best Resource Center, Newburgh Seamless Gutters, and Total Comfort Services; South Central Laborers Training and Apprenticeship Fund with: Delgado Community College, and Boh Brothers; Mason Tenders Training Fund with: United Way of Long Island, Community Environmental Center, the Town of Babylon, Non-Traditional Employment for Women, and Tishman Construction; Ohio Laborers' Training and Apprenticeship Trust Fund with: 3CRC, RWB Properties & Construction, Greater Cincinnati Energy Alliance, Southwest Ohio Region WIB, Laborers Local 265 Joint Apprenticeship Training Committee and Cincinnati State Technical and Community College.

Contact Information:

John J. LeConche, Executive Director, LIUNA Training and Education Fund:

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