

Metro Boston Green Job Training Programs* - last updated by SkillWorks 9/8/10

Organization(s)	Program Name	Population	Geographic area	Occupation(s)	Skills/certifications grads require?	Total served per year	Length of training	Start date month/year	Funders	Partners	Brief Program Synopsis
Asian American Civic Association (AACA)	Building Energy Efficiency Maintenance Skills (BEEMS)	low-moderate income immigrants and other non-native English speakers & other economically disadvantaged native English speakers	Metro Boston	Building Maintenance Workers Weatherization Workers	Carpentry, plumbing, electricity, appliance repair, painting, energy efficiency/weatherization, OSHA 10; Math and measurement, Vocational ESL, resume and cover letter writing, job interviewing skills	30-40	22 weeks	2002	WIA City of Boston City of Cambridge	Employers, primarily property management, hospitality, weatherization, and green building companies; Boston Public Schools	22 week intensive training program designed to train "green-collar" building maintenance and weatherization workers and prepare students for a maintenance job at an American company. Technical training: basics and fundamentals of various trades including carpentry, plumbing, painting, electricity, appliance repair, general maintenance, and occupational safety in addition to energy efficiency, weatherization, and "green" building. Students also trained in vocational English, basic math and measurement, basic computer knowledge, and customer service skills. Students study maintenance related vocabulary and have intensive preparation in job readiness (writing a resume/cover letter, interview practice/preparation, how to find and apply for a job). Graduates prepared to work as either "green-collar" building maintenance workers at property management companies, hotels, nursing/long-term care facilities, and other companies that have "green" initiatives in their facilities or as weatherization/energy efficiency workers at energy efficiency/clean energy companies and weatherization contractors.
	Energy Efficiency Technician Apprenticeship Program (EETAP)	low-moderate income unemployed and underemployed residents of the Metro Boston area	Metro Boston	Energy Efficiency Technician	Energy auditing & energy efficiency upgrade skills, both hands-on and theory: Certificate of Completion of Apprentice Training from Mass. Division of Apprentice Training; OSHA 10; Preparation for BPI exam	16-18	13-14 months	6/14/2010	Mass. Clean Energy Center City of Cambridge SkillWorks	CSG, Next Step Living, and other Energy efficiency employers MAGJC	Apprenticeship program in development that will be registered with the MA DAT (division of the MA DOLWD). 1-year apprenticeship: 2,200 hours of OJT at an employer partner's worksite & 171 hours of classroom training at AACA. AACA will coordinate the apprenticeship and all relevant correspondence with MA DAT in partnership with the employer partners. The Energy Efficiency Technician occupation combines the skills of an energy auditor with skills of a weatherization worker (i.e. air sealing, changing light bulbs and plumbing fixtures, insulating pipes, etc.). Also offer a pre-apprenticeship math component to prepare those that need extra math instruction before entering the apprenticeship. AACA will train four trainers who are bilingual in English and Arabic/Haitian Creole/Chinese/Spanish to become multilingual trainers of BPI curriculum. Graduating apprentices will become Journeyman Energy Efficiency Technicians and will be prepared to take the BPI exam, and will be prepared to work as energy auditors.
http://aaca-boston.org/programs-and-services/workforce-development-center Contact: Christopher Albrizio, Green Programs Director, AACA, chris@aaca-boston.org											
Bikes Not Bombs	Vocational Education	Youth & adults from low-income communities & communities of color	JP, Roxbury, Dorchester, Mattapan, East Boston	Bike mechanics, bicycle retail.	None.	10	3 months (90 hours)	Jan-98		Placement: local bike shops Outreach & recruitment: schools and youth-serving agencies	Vocational education reaches out to youth and adults who like to work with their hands and are interested in bicycle mechanics. The program teaches skills in mechanics, professionalism, and customer service. Bikes Not Bombs makes an effort to help program graduates find jobs in local shops.
	Youth Instructor Program	Youth from low-income communities and communities of color.	JP, Roxbury, Dorchester, Mattapan, East Boston	Any.	None.	20-25	3 mo- 4 years	2006	Attorney General's Office; Boston Capacity Tank; REI; Anna B. Stearns Women's Sports Foundation; Clipper Ship; Barr Foundation	Outreach: schools & youth-serving agencies Curriculum development & staff training: Alliance for Climate Education (ACE), Roxbury Environmental Empowerment Project.	Youth ages 15-18 are trained in youth program instruction and youth organizing. These young people teach mechanics, safe cycling and environmental education to their peers. They also look into climate change, environmental injustice and cycling privilege in the city of Boston, exploring ways to bring awareness to these issues.
http://bikesnotbombs.org/ Contact: Diana Boro, Bikes Not Bombs, diana@bikesnotbombs.org											
Boston Carpenters Apprenticeship & Training Fund (BCATF) and Urban League of Eastern MA (ULEM)	BosCarp Pre-Apprenticeship Training Program	unemployed and employed union apprentice and journeyworker carpenters	Eastern MA Particularly Roxbury, Dorchester, Mattapan, JP	Carpentry, Weatherization, and general "green" construction jobs	Weatherization Authorization (MassSAVE), EPA Lead Safety RRP-- Initial, Green Building Awareness completion certificate, OSHA-10, Lead Remediation	30	46 hours over 12 weeks	March 2010	Primary: contributions from hourly wages of union carpenters according to a collective bargaining agreement. Some funding - MA State Energy Sector Partnership	BCATF & ULEM Employers: Archer Corporation, Component Assembly Systems, Suffolk Construction	Partnership between BCATF, ULEM, and employer partners. 12 week program that combines job readiness and hands-on-experience training in the green construction trades. The BosCarp program will introduce students to the skilled trade of carpentry. Students are taught basics of cutting, sizing and constructing wood or other substances for building while obtaining industry certifications.
http://www.ulem.org/boscarp-apprenticeship-readiness-training-program Contact: Diane Clark-Tucker, BosCarp Project Coordinator, ULEM, dclarktucker@ulem.org											
Chinese Progressive Association (CPA)	Green Collar Pathways Program	Chinese LEP community of Greater Boston, unemployed & incumbent workers	Greater Boston, with emphasis on Chinatown	weatherization - air sealing and insulation	competency in air sealing, insulation, on the job safety, EPA lead and OSHA safety	24	2 weeks training + 1 yr ESL	June 2010	SkillWorks, Barr Foundation	International Union of Painters and Allied Trades (union), employers	The goal of the Green Collar Pathways Program is to prepare Limited English Proficient immigrant workers for Green Collar jobs in air sealing and insulation through a community-labor-employer collaboration that leads to immediate employment with good wages and benefits as well as a continued career path.
http://www.cpaboston.org/											

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Contact: Mark Liu, Green Justice Coordinator, CPA, mark@cpaboston.org											
JFYNetWorks	Green Career Pathways	High risk, out-of-school older youth 16-24	Boston and Chelsea	N/A Career Exploration Program	3 Modules: Air sealing and insulation; Landscaping; OSHA 10-Hour Construction Safety ARC – CPR/First Aid also taught	15	12 weeks/60 hours	March 2010	United Way of Massachusetts Bay and Merrimac Valley	YouthBuild Boston, Roca	United Way's Road To Opportunities Initiative Pilot program: 15 high risk young people served by each of the three cbos come together each week. Curriculum: environmental justice concepts of building healthy homes, neighborhoods and communities; fuel saving strategies; pollution prevention and safety; incorporating curricula/materials developed at other local organizations (Go Green, See Green–Sociedad Latina, Roxbury Environmental Empowerment Program, EPA/Job Corps G.R.E.E.N., Roxbury Community College's EcoLiteracy Workbook for the Future Green Collar Worker), & 3 occupational skills areas: weatherization, landscaping, and green building maintenance. Workshops have provided an overview and mapping of skills and how to apply them to a career path, and what additional basic/academic and occupational skills students will need to develop a career path. Program culminated in a green community service project in June 2010. Work on Job development/higher ed access now in progress.
	Environmental Technician Training	Unemployed, underemployed, low income adults 18 and over	Greater Boston, but open to all. Trainees come from all over MA, Southern NH and RI	Hazardous Materials Handler, Environmental Sampling Technician, Green Remediation Technician, Soil Testers, Air Quality Testers, Water Quality	OSHA 40-hour Hazardous Waste Operations & Emergency Response (HAZWOPER) OSHA 32-hour Asbestos Worker; 8-hour Asbestos Abatement Supervisor OSHA 16-Hour Mold Investigation; OSHA 10-hr Construction Safety; EPA/HUD Lead Safe Renovator (Renovation,	40	14 weeks/400 hours	Program began 1998	U.S. Environmental Protection Agency	Employers: Resource Options, Inc., Aerotek, Triumvirate Environmental. Community: YB Boston, Roca, Urban Edge, Dorchester Bay EDC, ACE, Environmental Business Council of NE. Training: The New England Consortium (UMass Lowell, MassCOSH), IEE. Assessment: City of Boston Department of Neighborhood Development, City of Chelsea	Meets steady demand for traditional remediation jobs. Growing demand in MA and globally for green remediation, stimulated by the manufacture of solar panels, which releases toxins that currently need to be cleaned up and remediated. Program offers integrated model of training (technical skills and basic skills), classroom instruction, hands-on training, computer-interactive materials, case management and career development. Offered in 14-week cycles, approx. 400 contact hrs/cycle, exclusive of case management. Has an advisory board composed of employers, educators, and community advocates, who collaborate throughout on key components of program design, including verification of skill standards, reviewing classroom instruction, laboratory and off-site hands-on training, and interviewing. Graduates will qualify for brownfields assessment and clean-up and related work, and sustainable careers in the environmental services industry. Average starting salaries are \$15.00/hr.
	Energy Efficiency Technician	Unemployed, underemployed, low income adults 18 and over	Greater Lowell and Lawrence, MA (Gateway Cities)	Weatherization technicians – air sealers, insulation installers	OSHA 10-hour Construction Safety EPA/HUD Lead Safe Renovator (Renovation, Repair & Painting) OSHA 16-Hour Mold Investigation	40	8 weeks/300 hours	March 2010	MA Clean Energy Center Pathways Our Of Poverty Barr Foundation Parker Foundation Ottaway Foundation	Employer: Carbonneau Insulation, Killelea Property Solutions, A & A Services, Dannetti Insulation, CSG, Next Step Living, Aerotek; Resource Options, Inc. Candidate Referral: Career Center of Lowell; CTI/YouthBuild Lowell; LAEC; CMAA; UTEC; CBA. Training: TNEC, IEE, CSG, National Fiber. Academic: UMass Lowell	The JFYNetWorks Energy Efficiency Technician training program is designed to meet the steadily rising entry-level workforce needs of a growing cluster of local weatherization firms; and create new career pathways for low-income individuals in the Greater Lowell area by providing training, employment, and advancement opportunities in the energy efficiency sector. The program includes community-wide outreach and recruitment, candidate assessment, industry-approved training and certification, professional development/career coaching and case management. Program graduates will be qualified to be hired for entry-level crew positions working on weatherization projects starting \$17.59 per hour. Graduates will have skills and certifications that are transferrable to other entry-level jobs in the clean energy field and that will position them for advancement within the clean energy sector. One cycle is completed; now working on job development.
http://www.ifyboston.org/html/green_jobs.html Contact: 617-338-0815											
Operation Able of Greater Boston, inc.	ABLE W.E.A.T. Green & Renewable Energies	low-income and/or unemployed; 18 years old and older	inside 128	green industry		new program	350 hours over 14 weeks	1/2010	city of boston		14 weeks (350 hours) of classroom and internship leading to a rewarding position in sales, customer service, manufacturing, energy auditing. 12-weeks in classroom-based training which incorporates components in renewable energies, green roof technologies, weatherization and energy auditing with strong components in job search/job retention, presentation/networking skills, computer skills, customer service skills, soft skills and an overview of the renewable energy field especially as it relates to energy conservation, retrofitting, energy efficiency and weatherization, technologies, and construction process. 2-weeks in employer-based internship which offers participants the opportunity to utilize their new skills while working with partner employers.
http://www.operationable.net/training_programs.html Contact: Rose Hom, rhom@operationable.net											

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Roca Inc.	3-G Jobs! From Green Gangs to Green Jobs	High Risk Youth	Chelsea and Revere	Green Construction, Green Custodial, Environmental Remediation, Weatherization installers and Technicians, Insulation Workers, Environmental Maintenance Workers	OSHA 10, RRP Lead, BETCO, OSHA Haz/Comm; Slip and Fall Prevention; Basic Cleaning Techniques; Restroom Cleaning; Hard Floor Care; Carpet Care; Green Cleaning; Asbestos Remediation, Mold Remediation, Confined Space Entry, Hazardous Response	112	modular approach over 2 years	Jan-10	USDOL/ETA Pathways Out of Poverty	JFY Networks, Boston Carpenters Union, Metro North REB	Based on Roca's nationally recognized high-risk youth intervention model, designed to help young people change negative behaviors that prevent them from retaining employment & shift towards positive life trajectories. Transformational relationship model: importance of consistent participant/case manager relationship to better engage disconnected young people. Integrate academic instruction with occupational training with other supplementary social services & paid work experience to prepare participants for placement in unsubsidized employment. Serve 225/2 yrs. Lead to unsubsidized employment for 140 participants. 110 will gain employment in training-related jobs.
	Green Cleaning and Custodial Training	16-24 year high risk youth	Chelsea, Revere and East Boston	Green Custodial	BETCO, OSHA Haz/Comm; Slip and Fall Prevention; Basic Cleaning Techniques; Restroom Cleaning; Hard Floor Care; Carpet Care; Green Cleaning	120	2 weeks	Jan-10	Federal, state and Private Foundations	Suffolk Building Services	Roca is a performance-based and outcomes-driven organization that helps young people to change their behavior and shift the trajectories of their lives through a High-Risk Youth Intervention Model. Roca serves very high-risk young people in Chelsea, Revere and East Boston, MA. Training is designed as stage based programming designed to provide hands on experience and training in the area of green cleaning and custodial work.
	Basic Green Construction	16-24 year high risk youth	Chelsea, Revere and East Boston	Green Construction, Carpenters and Carpenters Helpers	Weatherization Authorization, Lead Safety RRP-- Initial, Green Building Awareness completion certificate	60-80	3 weeks	Jan-10	Federal, state and Private Foundations	Boston Carpenter's Union	Developing an integrated curriculum that includes an intro to "green building" concepts and terminology, an intensive overview of weatherization skills (e.g., insulation, air sealing, blower door testing, installation of energy efficient doors and windows), and training in lead safety for renovation, repair, and painting. Students will receive training in a weatherization curriculum licensed by MassSAVE and created by Conservation Services Group, the Center for Ecological Technology, and the Low-Income Energy Affordability Network to allow them to carry out weatherization work authorized by the MA utility companies. Also receive lead safety training leading to an EPA certification in Lead Safety for Renovation, Repair, and Painting (key credential that will be required for all workers on pre-1978 residential or "child-occupied" projects beginning on April 22, 2010). This would include virtually all projects normally undertaken by weatherization contractors.
http://www.rocainc.org/ Contact: info@rocainc.com, 617-889-5210											
South Middlesex Opportunity Council, Inc.	Weatherization OJT	Unemployed, homeless adults who have been vetted and held temporary work assignments through SMOC's day labor program, Ready Willing and Able	Greater Framingham	Weatherization Laborer/ Installer	DOE Qualified Laborers/ Installers	6	3 months (selected participants recruited for add'l 3 month crew chief training)	Sep-09	SMOC Researve Funds	SMOC has MOU's with area Contractors to place graduates	SMOC instituted a contracting company SES Insulation with the business model of performing insulation work and training. The contracting company currently has 1 crew in operation and will add another soon, with a goal of 6 crews. Each crew has a qualified Supervisor/Instructor, a Crew Chief and two laborers/trainees. Candidates undergo assessments for mechanical aptitude, education level, motivation, and commitment. Accepted candidates sign a "statement of commitment and are SMOC employees. They participate in work readiness programming at the MetroWest Career Center including Soft Skills & Customer Service training. They undergo OSHA 10 training & two 8-hour days of classes utilizing the DOE Weatherization approved curriculum. Then trainees undergo 2 months of OJT under the supervision the qualified instructor.
http://www.smoc.org/ Contact: 508-620-2300											

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