Green Core Area Definitions

The Georgia Department of Labor's Workforce Statistics & Economic Research Division has identified five core areas of green business activities and green jobs. Green activities and jobs fall under one or more of the following five core areas:



- **Renewable Energy** – activities related to developing and using renewable energy sources such as solar, wind, geothermal, and biomass, as well as traditional, non-renewable sources of energy undergoing significant green technological changes (e.g., oil, coal, gas, and nuclear)

- **Energy Efficiency** – activities related to increasing energy efficiency (broadly defined), making energy demand response more effective, constructing "smart grids", and other energy efficient activities

- **Pollution Reduction & Removal, Greenhouse Gas Reduction, & Recycling & Reuse** – activities related to reducing or eliminating the creation or release of pollutants or hazardous waste from the environment, reducing greenhouse gas emissions through methods other than renewable energy generation and energy efficiency, such as electricity generated from nuclear sources, or reusing, remanufacturing, composting, or avoiding creation of waste materials or wastewater

- **Natural Resources Conservation** – activities related to reducing the environmental impact of agricultural production and improving natural resources conservation, including the use of chemical fertilizers and pesticides, soil and water conservation, sustainable forestry, land management, and wildlife preservation

- **Environmental Compliance, Education & Training, & Public Awareness** – activities related to enforcing environmental regulations, providing education & training related to green technologies & practices, & increasing public awareness of environmental issues

For more information please contact:

Georgia Department of Labor
Workforce Statistics & Economic Research
(404) 232-3875, Fax (404) 232-3888
Email: Workforce_info@dol.state.ga.us

Georgia Department of Labor Home Page
www.dol.state.ga.us

Georgia's Green Jobs Portal
www.greenjobs4georgia.com

Georgia DOL Department of Labor

Equal Opportunity Employer/Program
Auxiliary Aids and Services Available upon Request to Individuals with Disabilities

This workforce solution was funded by a grant awarded by the U.S. Department of Labor's Employment and Training Administration. The solution was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership. This solution is copyrighted by the institution that created it. Internal use by an organization and/or personal use by an individual for non-commercial purposes is permissible. All other uses require the prior authorization of the copyright owner.

Georgia's GREEN JOBS 3

Service Delivery Region

Metro Atlanta



Includes the following counties in the vicinity of the city of Atlanta: Cherokee, Clayton, Cobb, DeKalb, Douglas, Fayette, Fulton, Gwinnett, Henry, and Rockdale

Georgia Department of Labor
Workforce Statistics & Economic Research Division
Mark Butler, Commissioner

The Georgia Department of Labor recently conducted a Green Jobs Survey to assess current levels of "green" employment in the state. This pamphlet presents our findings for Service Delivery Region (SDR) #3 – Metro Atlanta.

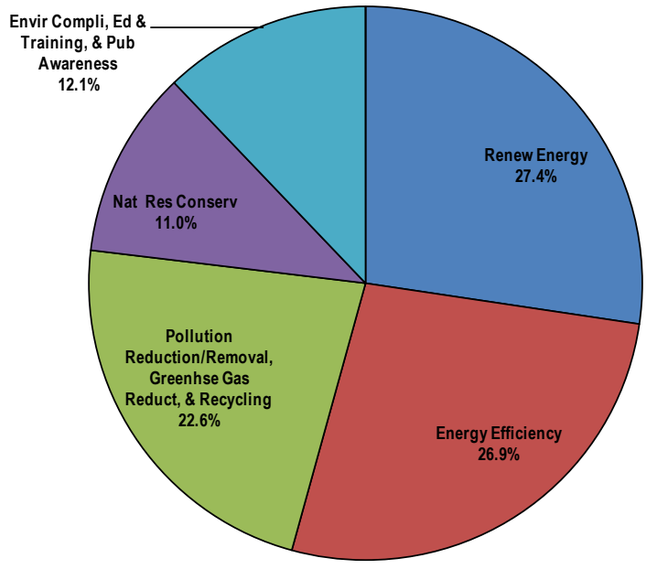
Broadly defined, a green job is one that produces goods or provides services that benefit the environment. The work can be found in at least one of the five core green economic clusters listed on the back of this pamphlet.

More than one percent of all jobs in this region are green, a slightly higher percentage than in the state as a whole. Of the approximately 40,000 total green jobs in Georgia, more than half are located in this region. These jobs can be found in all five green economic clusters, in 13 major industry sectors, and in 179 different occupations. They range from jobs that do not require any education beyond high school to positions that require advanced degrees and extensive job experience.

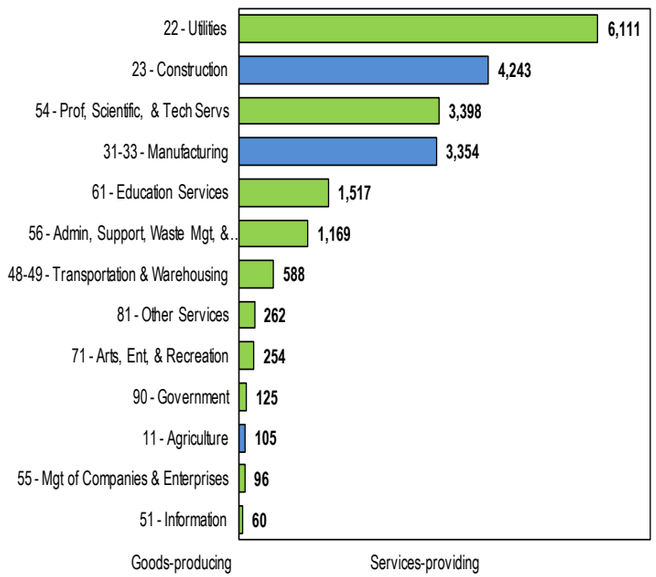
Survey Highlights

- Of the 179 occupations found to have green employment in this region, 99 had an average wage higher than Georgia's mean wage ($19.87) for all occupations, while 84 had an average wage ($22.64) higher than all green jobs combined.
- The average wage ($25.15) for green jobs was nearly 12 percent higher than the mean wage ($22.47) for all occupations in this area.
- SDR #3 was the only region where each green cluster had at least a ten percent share of green jobs.
- This SDR's 27.4 percent share of green jobs in renewable energy was almost four times more than the region with the second largest share of green renewable energy jobs.
- Of the 14 industries found to have green employment in this area, 74 percent are located in the services-providing industry sectors.
- Most of the green jobs found in the Metro Atlanta SDR require a bachelor's degree or short-term on the job training.
- Nearly 30 percent of the jobs in the top ten green occupations are construction-related.

Employment by Green Core Area



Green Jobs by Industry Sector



Top Ten Green Jobs

SOC Code	Occupation	Job Prep Level	Average Wage
17-1011	Architects, Except Landscape & Naval	5	$39.42
25-1032	Engineering Teachers, Postsecondary	2	$104,883
43-4051	Customer Service Reps	10	$15.39
47-1011	Supvsrs of Construction Trades & Extraction Wkrs	8	$26.23
47-2111	Electricians	9	$20.12
47-2131	Insulation Workers, Floor, Ceiling, & Wall	10	$12.18
49-9021	Heat, Air Cond, & Refrig Mechanics & Installers	7	$18.20
49-9051	Electrical Power-Line Installers & Repairers	9	$22.61
51-8013	Power Plant Operators	9	$27.21
53-7062	Laborers & Freight, Stock, & Material Movers, Hand	11	$11.95

Job Prep Levels

1 First Prof Degree
2 Doctoral Degree
3 Master's Degree
4 Bachelor's or Higher + Exp
5 Bachelor's Degree
6 Associate's Degree
7 Postsec Voc-tech Training
8 Work Exp in a Related Job
9 Long-term OJT of More Than 1 Year
10 Moderate-term OJT of 1 to 12 Months
11 Short-term OJT of Less Than a Month

Green Employment by Job Prep Level

