

Green Jobs

An alternate career path for clients wishing to receive services from the American Indian Center of Arkansas (AICA)

What is a green job?

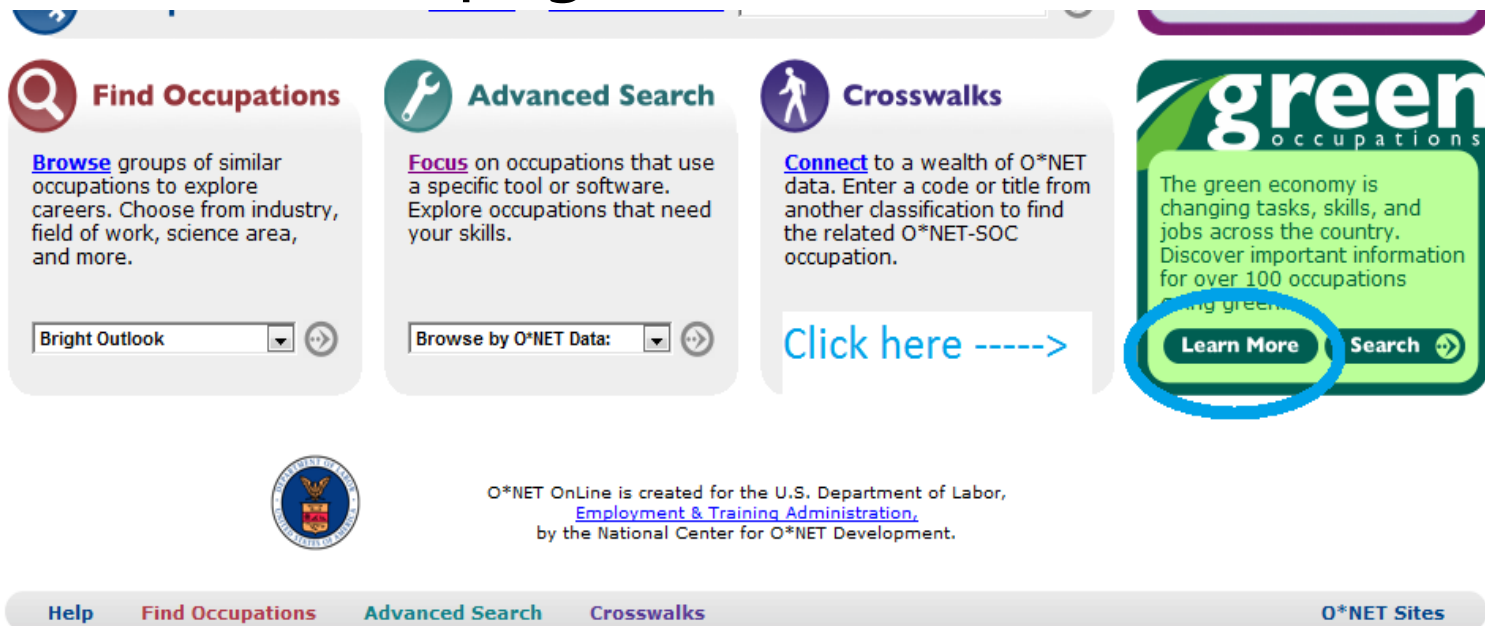
- A green job “has to pay decent wages and benefits that can support a family. It has to be part of a real career path, with upward mobility. And it needs to reduce waste and pollution and benefit the environment.”
- This means that a green job can be in any job sector as long as that job helps put America on the path to a cleaner, more energy efficient future.

Why pursue a green career in AR?

- The green job industry is on the rise. It rose 9.1% between 1998 and 2007, two and a half times as fast as the national job growth rate.
- Little Rock ranks #4 of cities in the nation with the fastest green job growth.
- Green jobs are often in the middle skill range (they require more than a high school diploma but less than a 4 year degree), meaning that they are a great fit for clients wishing to receive assistance from the AICA's employment training program.
- Green jobs are in demand and pay well.
- You are helping America become more energy independent as well as fighting global climate change.

How to locate a green job in your area

- Go to <http://www.onetonline.org/>
- Click on the Learn More link towards the bottom of the page:



The screenshot displays the O*NET OnLine website interface. It features three main navigation panels: 'Find Occupations' with a magnifying glass icon and a dropdown menu set to 'Bright Outlook'; 'Advanced Search' with a wrench icon and a dropdown menu set to 'Browse by O*NET Data'; and 'Crosswalks' with a person icon and a 'Click here ---->' link. To the right is a 'green occupations' section with a green background, containing text about the green economy and a 'Learn More' button circled in blue. At the bottom, there is a footer with the U.S. Department of Labor logo, a navigation bar with links for 'Help', 'Find Occupations', 'Advanced Search', 'Crosswalks', and 'O*NET Sites', and a footer with contact information and legal links.

Find Occupations
Browse groups of similar occupations to explore careers. Choose from industry, field of work, science area, and more.
Bright Outlook

Advanced Search
Focus on occupations that use a specific tool or software. Explore occupations that need your skills.
Browse by O*NET Data:

Crosswalks
Connect to a wealth of O*NET data. Enter a code or title from another classification to find the related O*NET-SOC occupation.
Click here ---->

green occupations
The green economy is changing tasks, skills, and jobs across the country. Discover important information for over 100 occupations going green.
Learn More **Search**

O*NET OnLine is created for the U.S. Department of Labor, [Employment & Training Administration](#), by the National Center for O*NET Development.

Help Find Occupations Advanced Search Crosswalks O*NET Sites

How to locate a green job in your area (continued)

- Click the 'Show All Descriptions' button, then read the descriptions of the different sectors of the green economy to see which area seems right for you.

at the [Green Jobs Community of Practice](#).

The screenshot shows a website interface with four navigation tabs: "Green Sectors", "Green Occupations", "Ongoing Activities", and "OnLine Search". Below the tabs is a paragraph of text: "Major work activities of the green economy cover a broad spectrum. To efficiently and effectively determine the potential occupational implications of green technology, workplace activities were categorized under different green economy sectors:". This is followed by two columns of expandable menu items, each with a downward-pointing chevron icon. The items in the left column are: "Renewable Energy Generation", "Transportation", "Energy Efficiency", "Green Construction", "Energy Trading", and "Energy and Carbon Capture and Storage". The items in the right column are: "Research, Design, and Consulting Services", "Environment Protection", "Agriculture and Forestry", "Manufacturing", "Recycling and Waste Reduction", and "Governmental and Regulatory Administration". At the bottom of the list, there are two buttons: "Show all descriptions" and "Hide all descriptions". The "Show all descriptions" button is circled in blue, and a blue arrow points to it from the left with the text "Click here ---->". At the very bottom of the page, there is a footer with navigation links: "Help", "About O*NET", "Products", "Developers", "Data Collection", "Using O*NET", "About Us", and "O*NET Sites".

Send comments or questions to [O*NET Info](#).

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How to locate a green job in your area (continued)

- Once you have picked an area, click the 'Online Search' link.

at the [Green Jobs Community of Practice](#) .



Major work activities of the green economy cover a broad spectrum. To efficiently and effectively determine the potential occupational implications of green technology, workplace activities were categorized under different green economy sectors:

⌘ Renewable Energy Generation

This sector covers activities related to developing and using energy sources such as solar, wind, geothermal, and biomass. This sector also includes traditional, non-renewable sources of energy undergoing significant green technological changes (e.g., oil, coal, gas, and nuclear).

⌘ Transportation

This sector covers activities related to increasing efficiency and/or reducing environmental impact of various modes of transportation including trucking, mass transit, and freight rail.

⌘ Energy Efficiency

This sector covers activities related to increasing energy efficiency (broadly defined), making energy demand response more effective, constructing "smart grids," and other energy efficient activities.

⌘ Green Construction

This sector covers activities related to constructing new green buildings, retrofitting residential and commercial buildings, and installing other green construction technologies.

⌘ Research, Design, and Consulting Services

This sector encompasses "indirect jobs" to the green economy which includes activities such as energy consulting or research and other related business services.

⌘ Environment Protection

This sector covers activities related to environmental remediation, climate change adaptation, and ensuring or enhancing air quality.

⌘ Agriculture and Forestry

This sector covers activities related to using natural pesticides, efficient land management or farming, and aquaculture.

⌘ Manufacturing

This sector covers activities related to industrial manufacturing of green technology as well as energy efficient manufacturing processes.

⌘ Recycling and Waste Reduction

This sector covers activities related to solid waste and wastewater management, treatment, and reduction, as well as processing recyclable materials.

How to locate a green job in your area (continued)

- Click on a sector, then find a green job with a bright outlook, designated by the green leaf and sun symbols. For this example we will look into the 'Green Construction' sector and examine a job as a Civil Engineer.

Browse by Green Economy Sector



The green economy will cause a change in occupations' employment demand or work and worker requirements such as tasks, skills, knowledge, and credentials. Green occupations are linked to Green Economy Sectors.

Green Construction

Green Construction [Save Table \(XLS/CSV\)](#)

This sector covers activities related to constructing new green buildings, retrofitting residential and commercial buildings, and installing other green construction technology.

Sort by: Category	Code	Occupation ▲	
Green Enhanced Skills	17-1011.00	Architects, Except Landscape and Naval	🌿 Green
Green Increased Demand	17-3011.01	Architectural Drafters	🌿
Green Increased Demand	47-2011.00	Boilermakers	🌿
Green Increased Demand	47-2051.00	Cement Masons and Concrete Finishers	🌿
Green Enhanced Skills	17-2051.00	Civil Engineers	☀️ Bright Outlook 🌿
Green Enhanced Skills	47-4011.00	Construction and Building Inspectors	🌿

How to locate a green job in your area (continued)

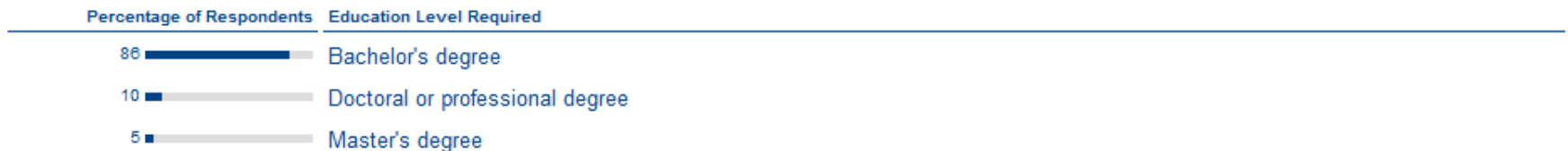
- Read over the various aspects of the job, including education required. For this job a Bachelor's degree is generally required.

agents.

SVP Range (7.0 to < 8.0)

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Education



This occupation may require a background in the following science, technology, engineering, and mathematics (STEM) educational disciplines:

Engineering — Civil Engineering; Transportation and Highway Engineering; Water Resources Engineering

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Interests

How to locate a green job in your area (continued)

- When you find a green job that you are willing to commit to, scroll to the bottom of that job's page, select Arkansas, and press Go.



The screenshot shows a web page with the following elements:

- Projected job openings (2008-2018) 114,000
- Top industries (2008) [Professional, Scientific, and Technical Services](#)
[Government](#)
- State & National
- Select Arkansas --->
- careeronestop logo
- Source: Bureau of Labor Statistics [2009 wage data](#) and [2008-2018 employment projections](#). "Projected growth" represents the estimated change in total employment over the projections period (2008-2018). "Projected job openings" represent openings due to growth and replacement.
- [back to top](#)
- Sources of Additional Information
- Disclaimer: Sources are listed to provide additional information on related jobs, specialties, and/or industries. Links to non-DOL Internet sites are provided for your convenience and do not constitute an endorsement.
- [Engineers](#). Bureau of Labor Statistics, U.S. Department of Labor. *Occupational Outlook Handbook, 2010-11 Edition*.
- [back to top](#)
- Help Find Occupations Advanced Search Crosswalks O*NET Sites
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How to locate a green job in your area (continued)

- This link takes you to the Career Onestop webpage, where you can check various statistics on the job in Arkansas. Make sure that the job has openings and is growing.

State and National Trends

United States	Employment		Percent Change	Job Openings ¹
	2008	2018		
Civil engineers	278,400	345,900	+24%	11,460
Arkansas	Employment		Percent Change	Job Openings ¹
	2008	2018		
Civil engineers	1,530	1,680	+10%	60

¹ Job Openings refers to the average annual job openings due to growth and net replacement.

[Occupation Trends FAQs](#)

[Employment Trends by Occupation Across States](#)

[Compare Employment Trends by Occupation](#)

[Employment Trends by Industry and Occupation](#)

National Data Source: [Bureau of Labor Statistics, Office of Occupational Statistics and Employment Projections](#)

State Data Source: [Arkansas Department of Workforce Services](#)

- If eligible to receive funding from the American Indian Center of Arkansas, return to our organization's website and fill out the appropriate forms. When you talk to our staff, tell them you are interested in a career in the green economy and which job you have chosen.

Good luck with your
search for a green job!