



**Leaders in Energy**

Research, Communications, Policies & Analysis

# Finding a Job in the Bioeconomy

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# What are Bioeconomy Jobs?

- They are ones involved in using renewable plant and animal resources to produce food, fuel, chemistry, and other materials.
  - [Bioscience: Jobs, Investments and Innovation 2014](#): 1.62 million people working across 73,000 individual business establishments – [Battelle](#) and [Biotechnology Industry Organization \(BIO\)](#)
- **Bioeconomy is built on vast landscape of many sectors**
  - **Energy** – biomass, waste-to-energy, Switchgrass
  - **Agriculture** – sustainable agriculture, nutrient recovery, forestry
  - **Manufacturing** – green roofs/blankets, green chemistry
  - **Products** – food, health and beauty, automotive parts



# Why are Bioeconomy jobs attractive?

- **Employment opportunities present across multiple disciplines, areas of expertise**
  - Agricultural Science, Biology, Chemistry
  - Engineering , Design
  - **Business Administration, Marketing** (sales, business development, marketing, client services, research & analysis, consulting, et. al.)
  - **Technical** (installers, fabricators, etc.)
  - **Other** (entrepreneurial, public policy)
- **Mid-Atlantic Region will see considerable increase in Bioeconomy jobs**
  - Diverse bioeconomy companies transforming operations, manufacturing, and distribution to seize opportunity, disrupt established markets, and scale revenue for sustainable products and services



# Seeking a Job in the Bioeconomy? Start here:

Become familiar with available opportunities:

- TheGreenJobBank, Advanced Biofuels USA
- Regional Groups
- Company Websites
- Industry Groups



# Acquire Skill, Experience & Training

Whether seasoned talent or entry-level, there are gaps you may need to fill:

- Relevant accreditation tracks
- Certification through community colleges, industry groups, etc.
- Advanced degree programs (some online)



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IOWA STATE UNIVERSITY  
Bioeconomy Institute

UC DAVIS  
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# Photo and Graphic Credits

1. Advanced Biofuels USA Job Board logo (accessed June 17, 2015)
2. Bioenergy Industry Organization 'Bio Jobs' logo (accessed June 17, 2015)
3. Cornell University logo (accessed June 17, 2015)
4. Energy.gov, Bioeconomy worker photo (accessed June 17, 2015)
5. EnergyBioScienceInstitute.org, worker photo (accessed June 18, 2015)
6. Green Job Bank (The) logo (accessed April 14, 2015)
7. Iowa State University Bioeconomy Institute (accessed June 17, 2015)
8. MARC Regional Green Jobs logo (accessed April 14, 2015)
9. MoeringsUSA/Sempergreen logo (accessed June 18, 2015)
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13. University of California at Davis logo (accessed June 18, 2015)
14. USDA logo (accessed June 17, 2015)
15. Vermont Sustainable Jobs Fund; farmer on tractor (accessed June 18, 2015)

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