Explore Careers in Energy, Environment & Sustainability

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Specialties: Focus on career development, programming and employer partnerships in the sciences, engineering, technology, environment, energy, architecture/urban planning, international development and government industries. See less
Today’s Agenda

- The job/internship search process
- Strategies
- State of the Industries
- Where the jobs/internships are
- Sustainability Trends
- Timeline
- Resources
- Examples
Job Search Process

Self Assessment → Research Options → Prepare Job Search Documents → Apply → Interview → Negotiate Terms → Accept → Start Work!

Will it take 30 days or 3 months?
Strategies: Exploration

Plan & Prepare:
- Harvard Alumni Directory (degree candidates)
- LinkedIn
- Online Resources
- Professional Groups / Associations
- Talk to folks you know doing interesting work
- Workshops / Programs / Events
State of the industry

Federal Funding?
Federal Hiring Freeze?
EPA?

But, the bright side....
State of the industry

- MA ranks 2nd in US Clean Tech Leadership Index, Boston ranks 3rd in metro areas with the most clean tech jobs
- Boston/MA rank 1st by American Council for an Energy Efficient Economy for efficiency
- Highest concentration of opportunities in:
  - Energy Efficiency
  - Renewable Energy
  - Smart Grid
Where to find opportunities...

Energy

- **Renewables** (wind turbines, solar photovoltaics)
- **Storage** (fuel cells / batteries)
- **Green Const / Efficiency** (design, engineering, planning)
- **Finance / Tech** (energy mgmt, software)
- **Government / Policy**
- **Research / Analysis** (consulting, think tanks)
Where to find opportunities... (company examples)

**Energy**
- **Renewables** (Acciona, Siemens, Vestas, Borrego, Solectria, Sunpower)
- **Storage** (Form Energy, Tesla, Solar City)
- **Green Const / Efficiency** (New Ecology Inc, NYSERDA)
- **Finance / Tech** (EnelX, Global Impact Investing Network, New Island Capital)
- **Government / Policy** (DOE, Union of Concerned Scientists, MA Dept of Energy Resources)
- **Research / Analysis** (IHS, ICF, Brookings)
Where to find opportunities...

**Environment**

- **Climate Change** (modeling, mitigation)
- **Conservation & Natural Resources** (research/fieldwork)
- **Clean Water / Technology** (resource recovery)
- **Policy** (research, analysis, legislation)
- **Government** (local, state, fed)
- **Non-profit** (advocacy, associations)
- **Consulting** (advising, analysis, risk management)
Where to find opportunities... (company examples)

Environment

- **Climate Change** (SAIC, RenaissanceRe, Center for Resource Solutions, The Climate Group)
- **Conservation & Natural Resources** (Nature Conservancy, NRDC)
- **Clean Water / Technology** (Cambrian Innovation, Imagine H2O)
- **Policy** (RAND, World Resources Institute, Enviro Law Institute, Resources for the Future)
- **Government** (EPA, City of Cambridge, MA Office of Energy & Environmental Affairs)
- **Non-profit** (American Forest Foundation, Environment MA, Sierra Club)
- **Consulting** (ERM, Cadmus, ERG, Arcadis, Ramboll Environ, TetraTech)
Where to find opportunities...

**Sustainability**
- Corporate Social Responsibility
- Sustainable Building / Development
- Energy Conservation / Efficiency
- Life Cycle Analysis & Supply Chain
- Education / Universities
- Consulting
- Food Systems
Where to find opportunities... (company examples)

**Sustainability**

- Corporate Social Responsibility (internally e.g. Sony, Microsoft)
- Sustainable Building / Development (Cherokee Investment Partners, NYSERDA, Jacobs)
- Energy Conservation / Efficiency (Pure Strategies, Ameresco, Carbon Lighthouse)
- Life Cycle Analysis & Supply Chain (ThinkStep, Sustainability Consortium, internally e.g. Pepsi, Apple)
- Education / Universities
- Consulting (Green Order, J Ottman Consulting, Strategic Sustainability Consulting, SustainAbility)
- Food Systems (Ceres, Quantis, Impossible Foods)
Where to find opportunities in uncertain times

*Look for possibilities – identify where the needs are*

- Supply Chain
- State & Local Government
- Food Systems & Ag Tech
Corporate Citizenship - profile

Most frequently cited as part of job responsibilities:
- Building internal partnerships with other departments (86.3 percent)
- Building relationships with external stakeholders

Top three skills most critical to success:
- Ability to influence
- Leading/motivating others
- Network building

Source: BC Center for Corporate Citizenship Profile of the Profession
Trends You Need to Know About

- Sustainability is no longer consumer driven
- Large & medium companies demanding supply chain sustainability
- Public policy drives creation of sustainability jobs (e.g. extended producer / takeback)
- Integration of sustainability into other roles
Keys to a successful job search

- Build knowledge base - stay current on trends
  - Read books, articles, research reports, blogs
- Join groups and networks
- Use job boards AND social / professional networks
- Attend conferences and events:
  - Mass Green Careers Conference (Sep)
  - Mass Sustainable Communities Conference (March)
  - Net Impact National Conference (Nov)
  - Business for Social Responsibility Conference (Nov)
  - Sustainable Brands Conference (June)
  - Corporate Citizenship Conference (Nov)
  - All Ivy Enviro Fair (Feb)
Timeline – When should you apply?

Varies depending on industry / function and when you will start

- Energy
- Environment
- Sustainability
Resources – Energy

https://www.energyfolks.com/
http://www.energy.gov/scholarships&internships.htm
https://www.nrel.gov/careers/internships.html
https://acore.org/careers/
Resources – Environment

http://www.idealist.org/ (non-profit)
http://www.ecojobs.com/ (comprehensive)
http://jobs.oriongrassroots.org/ (conservation)
http://www.worldwildlife.org/about/careers (conservation)
http://www.ucsusa.org/about/internships.html (research)
http://career.ucsd.edu/undergraduates/getting-experience/internship-information/off-campus-internships/dc-internships/environmental-policy-agriculture.html (policy)
Resources – Sustainability

http://www.greenbiz.com/jobs
http://ccc.bc.edu/index.cfm?pageId=2786
http://www.sustainablebusiness.com/greendreamjobs/jobs/
http://netimpact.org
http://weinrebgroup.com/ (postings / resources)
Resources – People

- Harvard Alumni Directory (thousands of listings!)
- Head of European Climate and Energy Policy, WWF Brussels, Belgium
- Chief of Staff, Massachusetts Clean Energy Center
- Environmental Organic Chemist, US Geological Survey
- Policy Analyst, Minnesota Pollution Control Agency
- Director, Mission Programs Online, National Geographic
- Project Manager, Renewable and Alternative Power, Southern California Edison
- President, Cody Energy Group
- Co-Founder, Helical Turbine of Massachusetts
- Analyst, Sound Energy Partners
- Consultant, Int'l Sustainable Projects, The World Bank
- Deputy Chief of Party, USAID-Energy and Clean Air Project
- Originator, Biofuels Europe & Africa, BP
- Managing Director-Climate Policy, Duke Energy
- Senior Resident Fellow, Urban Land Institute
- Vice President, Sustainability, Dow Chemical Company
Sample Job Titles

- Energy & Sustainability Analyst
- Manager – Climate Change & Sustainability Services
- Fresh Market Manager
- Director of Global Citizenship
- Environmental Sustainability Consultant
- Program Officer
- Sustainability Coordinator
- Sustainability Services Project Specialist
- Manager Environmental Sustainability Strategy
- Advisory Sustainable Business Solutions Managing Director
Examples of Current Openings

Sustainability Analyst
Chipotle (Newport Beach, CA)

We are looking for an experienced analyst with a fierce work ethic and a passion for creating positive change to help further our mission of Cultivating a Better World. This person will work with our Sustainability team to develop, implement and improve our sustainability program. S/he will be responsible for working with a variety of internal departments and external partners including Operations, Facilities, Marketing, Supply Chain and various other departments to ensure strong collaboration as we work to expand and improve our sustainability efforts.

https://weinrebgrou.com/2020/03/30/sustainable-job-sustainability-analyst-chipotle-newport-beach-ca/
Examples of Current Openings

Plastic and Waste Senior Program Officer
World Wildlife Fund (Washington, DC)

The Sr. Program Officer serves as part of Private Sector Engagement's (PSE) Sustainability Research and Development (SR&D) team. Responsible for activities related to developing and managing projects that support WWF's work with companies, especially on topics related to material science and plastic. Manages the development of research, materials, projects, consultants and communications related that support WWF's goals with the private sector, and supports relationship management of corporate plastic platforms. Acts as a key technical resource for WWF's No Plastic in Nature initiative.

Q&A

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