

The Democrats' new climate and tax bill will invest billions in clean energy. Here are 21 high-paying green careers for people who want to save the planet.

<https://www.businessinsider.com/high-demand-renewable-energy-jobs-of-the-future-2019-8#11-public-relations-specialists-employment-is-projected-to-increase-114-from-2020-to-2030-11>



Solar photovoltaic installers are projected to see employment growth of 52.1% from 2020 to 2030. Reuters/Mike Blake

- **There are many occupations out there that help the environment, such as wind turbine service technician.**
- **The Inflation Reduction Act could mean more clean energy jobs created.**
- **Here are the 21 fastest-growing green jobs that also have an annual pay greater than the overall median pay.**

Saving the earth and having a lucrative career aren't always mutually exclusive, and the Democrats' big climate and tax bill that just passed could mean even more investment in green jobs.

The Inflation Reduction Act could mean many more workers will be needed to fill various clean energy and other jobs in the coming years. The bill also says it will cut carbon emissions by about 40% by 2030.

"The Inflation Reduction Act builds a new clean energy manufacturing economy by investing in refurbishing old factories; building new factories; requiring high wages; and mandating apprenticeship training for companies using clean energy tax credits," The Center for American Progress wrote in a fact sheet. "The bill will spur domestic production of batteries, solar panels, wind turbines, and more, setting the United States up to compete in the global clean energy economy and creating millions of clean energy jobs."

AFL-CIO staff wrote that there will be "an especially big boost to manufacturing." According to Energy Innovation, 1.4 million to 1.5 million jobs in 2030 could be made as a result of the Inflation Reduction Act. According to research from the Political Economy Research

Institute, there will be almost 1 million jobs created a year or more than 9 million over the decade as a result. Most of these millions of jobs created would come from grants, loans, and tax credits, according to BlueGreen Alliance who commissioned that analysis.

Per reporting from Axios, Philip Jordan, vice president of BW Research, said equipment installation and construction will see the biggest job gains.

"Green" jobs can lead to lofty incomes. For instance, construction managers typically make \$98,890, according to median annual wage data for May 2021.

Additionally, projections from the Bureau of Labor Statistics show wind turbine service technician is the fastest-growing job in the country after "excluding occupations with above average cyclical recovery," according to projections from the Bureau of Labor Statistics (BLS). This occupation is estimated to grow by 68.2% between 2020 and 2030. Solar photovoltaic installers is also the third fastest-growing job — after excluding jobs with "above average cyclical recovery" — with projected employment growth of 52.1% from 2020 to 2030.

Insider looked at different green jobs that are projected to quickly grow and that pay well. To find the 21 fastest-growing green jobs that also pay well, we looked at employment projections from BLS for jobs that are considered green jobs on the Occupational Information Network (O*NET). We only included occupations that had median annual pay above the overall national median of \$45,760 as reported by BLS for May 2021.

We also included how much they pay from the BLS' Occupational Employment and Wage Statistics program, along with green economy sectors from online database O*NET.

21. Electricians: Employment is projected to increase 9.1% from 2020 to 2030.



ftwitty/Getty Images

Sectors: Green construction

Annual salary: \$60,040

20. Chemical engineers: Employment is projected to increase 9.3% from 2020 to 2030.



RuslanDashinsky/Getty Images

Sectors: Research, design, and consulting services

Annual salary: \$105,550

19. General and operations managers: Employment is projected to increase 9.4% from 2020 to 2030.



Thomas Barwick/Getty Images

Sectors: Agriculture and forestry; energy efficiency

Annual salary: \$97,970

18. Arbitrators, mediators, and conciliators: Employment is projected to increase 9.7% from 2020 to 2030.



fizkes/Getty Images

Sectors: Governmental and regulatory administration; research, design, and consulting services

Annual salary: \$49,410

17. Freight forwarders: Employment is projected to increase 9.9% from 2020 to 2030.



Nitat Termmee/Getty Images

Sectors: Transportation

Annual salary: \$46,910

15 (tie). Soil and plant scientists: Employment is projected to increase 10.0% from 2020 to 2030.



SDI Productions/Getty Images

Sectors: Environment protection

Annual salary: \$66,750

15 (tie). Marketing managers: Employment is projected to increase 10.0% from 2020 to 2030.



SDI Productions/Getty Images

Sectors: Research, design, and consulting services

Annual salary: \$135,030

14. Millwrights: Employment is projected to increase 10.3% from 2020 to 2030.



Rebecca Cook/Reuters

Sectors: Manufacturing

Annual salary: \$60,330

13. Environmental science and protection technicians, including health: Employment is projected to increase 10.6% from 2020 to 2030.



AFP Contributor/Getty Images

Sectors: Environment protection

Annual salary: \$47,370

12. Training and development specialists: Employment is projected to increase 10.8% from 2020 to 2030.



Energy management. GettyImages/Caiaimage/Trever Adeline

Sectors: Energy efficiency; green construction; research, design, and consulting services

Annual salary: \$61,570

11. Public relations specialists: Employment is projected to increase 11.4% from 2020 to 2030.



Morsa Images/Getty Images

Sectors: Environment protection; research, design, and consulting services

Annual salary: \$62,800

10. Construction managers: Employment is projected to increase 11.5% from 2020 to 2030.



Hispanolistic/Getty Images

Sectors: Environment protection; green construction

Annual salary: \$98,890

9. Economists: Employment is projected to increase 13.1% from 2020 to 2030.



miniseries/Getty Images

Sectors: Environment protection

Annual salary: \$105,630

8. Industrial engineers: Employment is projected to increase 13.7% from 2020 to 2030.



Tom Werner/Getty Images

Sectors: Research, design, and consulting services

Annual salary: \$95,300

7. Transit and intercity bus drivers: Employment is projected to increase 21.0% from 2020 to 2030.



Jumping Rocks/Education Images/Universal Images Group/Getty Images

Sectors: Transportation

Annual salary: \$48,620

6. Industrial machinery mechanics: Employment is projected to increase 21.3% from 2020 to 2030.



Nitat Termmee/Getty Images

Sectors: Manufacturing

Annual salary: \$59,840

5. Software developers: Employment is projected to increase 22.2% from 2020 to 2030.



Ngampol Thongsai/EyeEm/Getty Images

Sectors: Research, design, and consulting services

Annual salary: \$120,730

4. Service unit operators: Employment is projected to increase 22.9% from 2020 to 2030.



Joe Amon/Getty Images

Sectors: Renewable-energy generation

Annual salary: \$48,410

3. Logisticians: Employment is projected to increase 29.5% from 2020 to 2030.



alvarez/Getty Images

Sectors: Manufacturing; research, design, and consulting services; transportation*

Annual salary: \$77,030

**Green economy sectors are for logistics engineers and logistics analysts*

2. Solar photovoltaic installers: Employment is projected to increase 52.1% from 2020 to 2030.



Reuters

Sectors: Renewable-energy generation

Annual salary: \$47,670

1. Wind turbine service technicians: Employment is projected to increase 68.2% from 2020 to 2030.



Stephane Mahe/Reuters

Sectors: Renewable-energy generation

Annual salary: \$56,260