

# GREEN ENERGY JOBS FOR A BETTER FUTURE



Put your INTELLIGENCE and POWER into a better tomorrow. Start a green career in the clean energy sector. The prospects of finding a decent job are excellent. In Europe, the sector is experiencing strong growth with a corresponding increase in demand for qualified people.

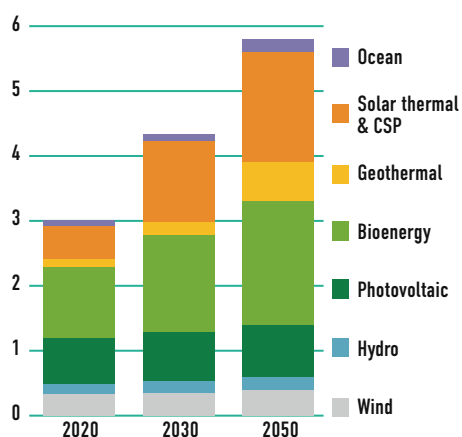


The European Union is the world leader in the development of renewable energy with already 700 000 jobs and an annual turnover of 91 billion Euros.<sup>[1]</sup>

The 'RE-thinking 2050' study predicts an increase of up to 6.1 million jobs in 2050.<sup>[6]</sup>

## Jobs in the renewable energy sector

Employees (millions) by year 2020 / 2030 / 2050 <sup>[4] [6]</sup>



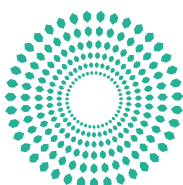
The energy efficiency and sustainable transport sectors also hold enormous promise to cut carbon emissions and to create jobs. In most areas we have only seen modest beginnings. Energy efficiency goods, services and energy efficient transport provide 3,000,000 jobs already today.<sup>[3]</sup>

Green jobs barriers such as financing, skills and materials supply shortages in key renewables sectors like wind may put a dampener on job growth in the shorter term<sup>[4]</sup>. But as climate change becomes a more and more urgent problem, there is the real prospect of generating and fostering green jobs for ever more people.<sup>[5]</sup>

A green career starts with choosing the right education. No matter if you want to be a wind engineer, organic farmer or campaign manager. What's important is that your work is your passion, it is part of your career path and it contributes to sustainable use of energy and natural resources. It benefits the environment and of course pays you a decent wage.

## Some green jobs...

- environmental and renewable energy consultants
- campaign and event managers
- eco-artists
- environmental or biological systems engineers
- green building architects
- holistic passive solar building designers
- solar energy engineers and installers
- wind energy engineers and installers
- green vehicle engineers
- green business owners
- organic farmers
- environmental lawyers
- ecology educators
- ecotechnology workers
- sales staff
- electricians who install solar panels
- plumbers who install solar water heaters
- construction workers who build energy-efficient green buildings and wind power farms
- construction workers who weatherize buildings to make them more energy efficient
- researchers and other workers involved in clean renewable sustainable future energy development
- EU project managers



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## Find a green job

RES Compass - [www.rescompass.org](http://www.rescompass.org)

- A website offering guidance to school pupils interested in a career in the Renewable Energy Sector.

The site allows the use of a decision tool (the 'compass') to help direct students towards the career categories they may be most suited to and find most interesting.

RES Compass aims to provide high school and higher education students with access to knowledge on RES-related careers, to attract young people into careers involved with renewable energy and energy efficiency and to boost employment and contribute to the development of the RES sector.

The RES Compass site features:

- over 40 job profiles related to specific careers in the renewable energy sector
- a searchable database of over 700 vocational and higher education courses related to renewable energy
- a library of articles on the different RES technologies and the rate of employment growth in the sector

EUROPE:

[www.greenjobs.co.uk](http://www.greenjobs.co.uk)

[www.greenjobs.de](http://www.greenjobs.de)

[www.renewableenergyjobs.com](http://www.renewableenergyjobs.com)

[www.kaufda.de/Umwelt-Jobs/jobs/Green-Jobs-international](http://www.kaufda.de/Umwelt-Jobs/jobs/Green-Jobs-international)

EUREC Agency - [www.eurec.be](http://www.eurec.be)

WORLDWIDE:

[www.resourceactionprograms.org/blog/index.php/2009/04/09/green-collar-jobs](http://www.resourceactionprograms.org/blog/index.php/2009/04/09/green-collar-jobs)

[www.energyplacement.com/jobs/renewable\\_energy\\_jobs\\_alternative/europe](http://www.energyplacement.com/jobs/renewable_energy_jobs_alternative/europe)

[www.jobs.renewableenergyworld.com/careers/jobsearch](http://www.jobs.renewableenergyworld.com/careers/jobsearch)

[www.greenjobs.com](http://www.greenjobs.com)

[www.renewableenergyjobs.net](http://www.renewableenergyjobs.net)

## Notes

[A] Renewable industry employment growth is greatest for the bioenergy sector (biomass and biofuels). There are controversial debates about the environmental and economic sustainability of biofuels. Friends of the Earth Europe and other organisations believe that under the current circumstances, biofuels could cause environmental and social problems. Therefore it is difficult to determine what portion of biofuels can be considered as green jobs.

## References

[1] The state of Renewable Energies in Europe, 9th EurObserv'ER Report, 2010

[www.energies-renouvelables.org](http://www.energies-renouvelables.org)

[2] MITRE – Monitoring and Modelling Initiative on the Targets for Renewable Energy, Altener Programme, DG Energy and Transport European Commission, 2003

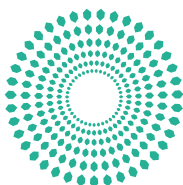
[3] Low Carbon Jobs for Europe – Current Opportunities and Future Prospects, World Wide Fund for Nature (WWF) Meera Ghani-Enland and Worldwatch Institute, Michael Renner, Ambika Chawla

[4] Article: 'Green jobs' on the increase [www.EurActiv.com](http://www.EurActiv.com) Monday, 14th July 2008 updated: 29 January 2010

[5] Green Jobs: Towards Decent Work in a Sustainable, Low-Carbon World, UNEP/ILO/IOE/ITUC, September 2008

[6] 'RE-thinking 2050' study, EREC [www.rethinking2050.eu](http://www.rethinking2050.eu)

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