

Skills  
Launchpad  
Plymouth

# Green Horizons

Navigating career and education  
pathways in Plymouth



PLYMOUTH  
CITY COUNCIL

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# Welcome to Green Horizons, your guide to Plymouth's green economy.

Known for our maritime heritage and stunning landscapes, Plymouth declared a climate emergency in 2019 and has been actively working towards a sustainable, net-zero future ever since. Whether you are a student, a recent graduate, a professional, or a business, there is a place for you in this booming economy. This guide seeks to provide an overview to help you explore educational paths, career opportunities, and community projects, including exploring jobs in key sectors that could include retrofit, renewable energy, marine sciences, and sustainable business practices. Plymouth is nurturing green skills and investing in innovative technologies, offering exciting opportunities to be part of the change for a thriving, resilient future.

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## I Green jargon buster

<b>Alternative fuel</b>	Fuels used instead of traditional ones like oil, which can be better for the environment, such as biofuels or electricity.
<b>Biodiversity</b>	The variety of plants, animals, and other living things in a particular area or the world.
<b>Carbon footprint</b>	The total amount of greenhouse gases that a person, organisation, or product is responsible for releasing into the atmosphere.
<b>Circular economy</b>	An economic system focusing on sustainable production through material reuse and regeneration.
<b>Climate change</b>	Changes in the world's weather patterns, like temperatures rising over time, largely due to human activities.
<b>Conservation</b>	Protecting and taking care of the environment and wildlife.
<b>Ecosystem</b>	A community of living organisms and their physical environment interacting as a system.
<b>Energy-efficiency</b>	Using less energy to perform the same task or function, reducing waste, and saving resources.
<b>Greenhouse gas emissions</b>	The gases released into Earth's atmosphere that trap heat and contribute to global warming.
<b>Net zero</b>	A balance between the greenhouse gases put into the atmosphere and those taken out, aiming for no overall increase.
<b>Renewable energy</b>	Energy that comes from natural sources that don't run out, like the sun, wind, or water.
<b>Restorative practices</b>	Actions aimed at restoring damaged ecosystems to their natural state.
<b>Sustainability</b>	Making sure that our actions today don't stop future generations from meeting their needs.
<b>Sustainable business practices</b>	Ways businesses can operate that make money without damaging the environment or society.
<b>Sustainable growth</b>	Growing the economy in a way that uses resources in a responsible manner, so they last for the long term.

## 2 The green sector is not a standalone entity...

...it is a part of everything we do in our lives, from construction and education to business and leisure. Our goal is to protect the planet while supporting the city's sustainable growth. Transitioning to a green, net-zero economy not only fulfils our climate emergency commitments but also leads economic growth through sustainable projects. For instance, construction workers are learning to build with sustainable materials, and office managers are finding ways to reduce energy usage in their workplaces.

Employers play an important role in leading this transition by introducing sustainability into their business operations, increasing environmental awareness, and upskilling the existing workforce with new knowledge and training to enhance green skills. This not only aligns with the city's aspirations but also positions businesses as pioneers in the evolving green sector.

For Plymouth to be a city attracting investment and maintaining a highly skilled workforce it needs to both have and project a sustainable economy. The city needs to promote its sustainable credentials, being clear to explain how it is shifting to a low carbon

economy and working to restore the environment. A focus on this sustainable growth is particularly important, not only because of the necessary commitment to environmental restoration, but also if Plymouth wants to attract and retain young people.

In 2019, Plymouth City Council declared a status of 'climate emergency' and began work on actions that help combat climate change through the transition to net zero. Geographically, Plymouth has significant, naturally occurring, absolute advantages in supporting offshore wind production and, as a port city, it will be important to maximise the considerable opportunities around clean shipping.

The 'climate emergency' has redefined what sustainable growth means for future generations. Emerging technologies are already transforming labour markets, creating thousands of new jobs every year and displacing others.

The rise of new green jobs generates a significant demand for new skills, and the imperative to upskill and reskill. This has placed an even greater importance on the new green jobs that will be created and those existing jobs that need to become 'greener.'

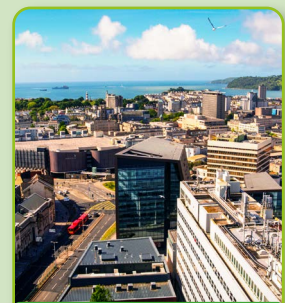
We will target inward investment and growth activity looking specifically at the following project:



**Offshore wind opportunities**



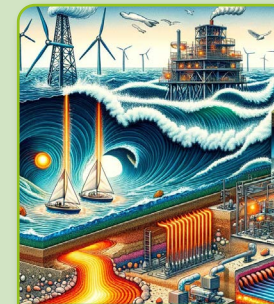
**Solar energy generation**



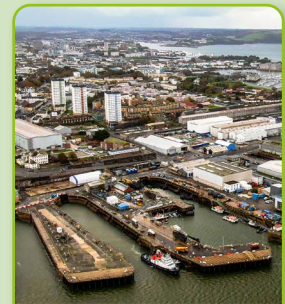
**Heat networks**



**Hydrogen fuel cell technology**



**Wave geothermal and ground or ocean heat pumps**



**Plymouth and South Devon Freeport**



**Retrofitting**



**National Marine Park**



**Clean transport**

### 3 Understanding green careers

Green careers in Plymouth are crucial for moving the city towards a more sustainable future. These jobs vary widely and may be new job roles or a 'greening' of an existing job, they share a common goal: to improve the environment, support growth that doesn't harm the planet, and to make sure that Plymouth's economic advancement goes hand in hand with taking care of the environment.

We have adopted these definitions for green skills, green jobs and green economy based on the Deloitte and Institute of Environmental Management and Assessment report 'A blueprint for a green workforce transition'



#### Glossary of terms:

##### Green Skills

Green skills refer to all the abilities, know-how, and actions needed to address environmental problems and find new ways to grow and improve. This idea doesn't just focus on reducing carbon emissions to meet the UK's goal of not adding to the Earth's greenhouse gases. It also considers the bigger picture, which includes protecting nature and wildlife, fighting climate change and cutting down carbon emissions, and reducing waste and pollution.

##### Green Jobs

Green jobs are positions specifically created to help the environment. These can be within a company or across the economy, focusing on projects or tasks aimed at reducing harm to the planet.

##### Green Economy

The green economy is like imagining a future where the UK's entire economy changes in a big way, like how things changed during the first Industrial Revolution. In this future, the economy still grows and making money is still important, but we also pay a lot of attention to the health of our environment and the well-being of people.

### 4 What does all this mean for Plymouth?

It means that every sector in our city is working to be more eco-friendly. From construction, manufacturing to leisure, everyone is trying to help the planet. Let us look at the city's key sectors to see how they are going green by 'greening' their existing jobs and activities, and check out types of new green jobs that will help Plymouth be more sustainable:



#### Advanced manufacturing

This sector is making big changes to how things are made so that they are more eco-friendly, helping to reduce pollution and waste.

**Example of Jobs:** Sustainable Production Manager, Green Supply Chain Manager, Renewable Energy Technician



#### Business services

These businesses are the brains helping other companies figure out how to work in ways that are better for the planet, teaching businesses green practices and making sure they work to green standards.

**Example of Jobs:** Sustainability Consultant, Green Marketing Specialist, Sustainable Procurement Manager



#### Construction and the built environment

This sector is making sure we design, engineer and build things in a way that uses less energy and more eco-friendly materials, retrofitting existing housing stock and commercial buildings, and installing heat networks to make sure our homes and buildings can withstand and reduce the impacts of climate change.

**Example of Jobs:** Solar Panel Installer, Energy Efficiency Auditor, Sustainable Urban Designer



#### Co-operatives

Groups working together in the community are showing everyone how to run businesses that are about people and the planet at the same time.

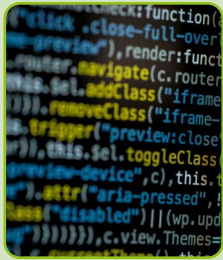
**Example of Jobs:** Sustainable Community Coordinator, Cooperative Development Specialist, Environmental Justice Advocate



### Creative industries

Artists and designers are getting creative with how they can tell stories and make products that encourage people to live more sustainably.

**Example of Jobs:** Sustainable Product Designer, Environmental Graphic Designer, Green Packaging Specialist



### Digital

Tech companies are inventing new ways to save energy and resources, making everything from working to living at home greener.

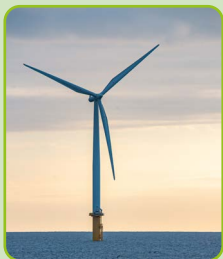
**Example of Jobs:** Green IT Consultant, Environmental Data Analyst, Renewable Energy Software Developer.



### Defence

Even the defence sector is finding ways to keep us safe whilst being mindful of the environment, like using less fuel and energy, and introducing more green technology into their operations.

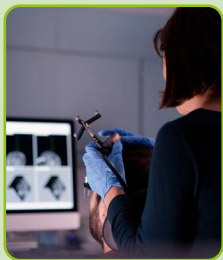
**Example of Jobs:** Environmental Compliance Officer, Sustainable Logistics Manager, Green Technology Researcher.



### Marine, renewables and ports

This sector is all about the ocean, finding clean energy from offshore wind and wave power, decarbonising ports to continue their business operations without harming the environment.

**Example of Jobs:** Marine Conservation Scientist, Renewable Energy Project Manager, Port Sustainability Coordinator



### Medical, health, and life sciences

Healthcare is getting smarter about not only taking care of us, but also making sure that those practices don't harm the planet through litter and using green technologies.

**Example of Jobs:** Green Healthcare Facilities Manager, Environmental Health Specialist, Sustainable Health Researcher



### Nature and wildlife conservation

This sector is about protecting and preserving natural habitats and wildlife populations. It involves projects that conserve biodiversity, restore ecosystems, and promoting sustainable interactions between humans and the environment.

**Example of Jobs:** Ecologist, Environmental Consultant, Ranger.



### Social enterprise

Businesses that want to do good are proving you can make money and still protect the planet, creating jobs that help people and the environment.

**Example of Jobs:** Sustainable Business Development Manager, Fair Trade Coordinator.



### Tourism, hospitality, retail and leisure

The visitor economy is focusing on green tourism and having fun that doesn't leave a harm the planet or communities, through eco friendly hotels and ethical travel and tours.

**Example of Jobs:** Ecotourism Guide, Ethical Travel Consultant.



### Transportation

Getting from A to B is getting cleaner with electric cars, ebikes, and public transport that cuts down on air pollution and carbon emissions. There are also exciting movements happening with hydrogen and biofuel.

**Example of Jobs:** Electric Vehicle Technician, Alternative Fuel Specialist, Sustainable Transport Planner.



### Waste and recycling

This sector is leading the charge in turning our rubbish into things that we can reuse, upcycle and create less waste that we throw away.

**Example of Jobs:** Waste Auditor, Recycling Facility Manager, Circular Economy

## 5 The importance of sustainability in Plymouth

Plymouth is leading the way in growing sustainably, meaning we are making sure we grow in a way that is good for both people and for the planet. We are focusing on using clean energy like wind power, new technologies like hydrogen fuel cells, and smarter ways to heat buildings. This shows that Plymouth is serious about protecting the environment while also attracting businesses that care about being eco-friendly.

### Growing in a smart way

We want to grow sustainability, so we are helping businesses go green by giving them advice and support. Part of this is making sure people have the right skills for the jobs of the future.

### Bringing in new jobs

We have many projects happening which will create new jobs, in industries like offshore wind, hydrogen and solar.

### Supporting local businesses

We are helping businesses adapt to climate change and be more sustainable by helping them implement eco-friendly practices and the responsible use of resources.

### Training for the future

We are working with our training providers and local businesses to ensure everyone has the access to green courses and training.

### Restorative action

We are working on projects that help fix and protect our natural spaces such as the National Marine Park and Habitat Banks.



## 6 Post-16 choices

**At this important stage, your choices can set the beginning for a future in the green industry. Plymouth offers many different qualifications and pathways tailored to different interests and career goals.**

### A Levels

Standing for 'Advanced Levels'. These qualifications typically come after GCSEs and are one of the **common routes to university**. You will typically be full time in a **classroom setting** and you are likely to pick three or four subjects to focus on. There are **more than 40** different ones to choose from! Your school may not offer all of them, so you can look to move to a different school or provider if you wish.

- Subjects relevant to choose for a green career include Physics and Mathematics for Advanced Manufacturing and Engineering, Economics and Geography for a future in Business Services or Tourism and Leisure.

### T Levels

Standing for 'Technical Levels'. This qualification offers a **practical**, employer-led alternative to A Levels. You will spend 20% of your time in an **industry placement** which will give you hands-on experience in the workplace and the rest in a college environment. Unlike A Levels where you may choose three or four subjects, with a T Level you focus on **one specialist interest**. You will still earn UCAS points allowing you to apply for university.

- Some relevant T-Level courses include Science (Laboratory Sciences), or Digital Production, Design and Development.

### Vocational courses

Some schools offer vocational courses, but these qualifications are **subject-specific**, meaning you focus on one subject area instead of a few different ones. Commonly thought of as 'college courses', you will usually study at level 2 before progressing on to level 3 for usually **three or four days a week**. As most level 3 courses attract UCAS points, if you are considering university, this is another option for you.

- Some examples of vocational courses are Marine Biology with Ecology, and Professional Landscape and Sustainability Operative.

## 7 Apprenticeships

These are real jobs with real training. This means you can **earn money** while you learn and gain a nationally recognised qualification from level two up to degree level. The great thing about being an apprentice is you can get your career started by gaining **new skills** through combining **hands-on experience** with qualifications. Typically, you spend 80% of your time with your employer and 20% in a college environment. There are also options if you may need some additional support.

- Some examples of green apprenticeship roles include Low Carbon Heating Technician and Installation and Maintenance Electrician.

## 8 Higher education

### Pursuing higher education

Specialised courses like Sustainable Manufacturing, Environmental Science, and Marine Biology are just the beginning. These undergraduate and postgraduate degree programmes are designed to deepen your knowledge and hone your skills, preparing you for a leadership role in the green sector.

### Advice

Networking and continuous learning are key. Engage with industry professionals, participate in sustainability projects, and consider further studies to specialise in your chosen field.

### Extracurricular opportunities

Complement your academic journey by joining environmental clubs, volunteering for green projects, and attending industry workshops. These activities not only enrich your resume but also provide practical experience and networking opportunities.

## 9 Upskilling and retraining

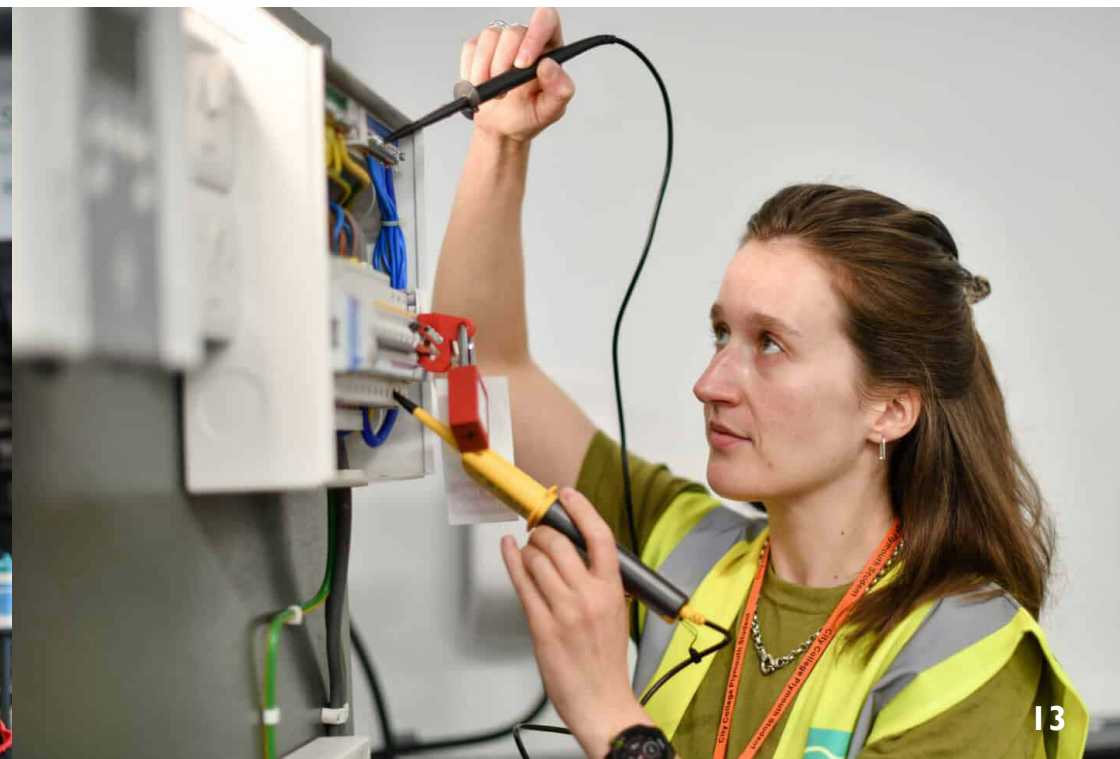
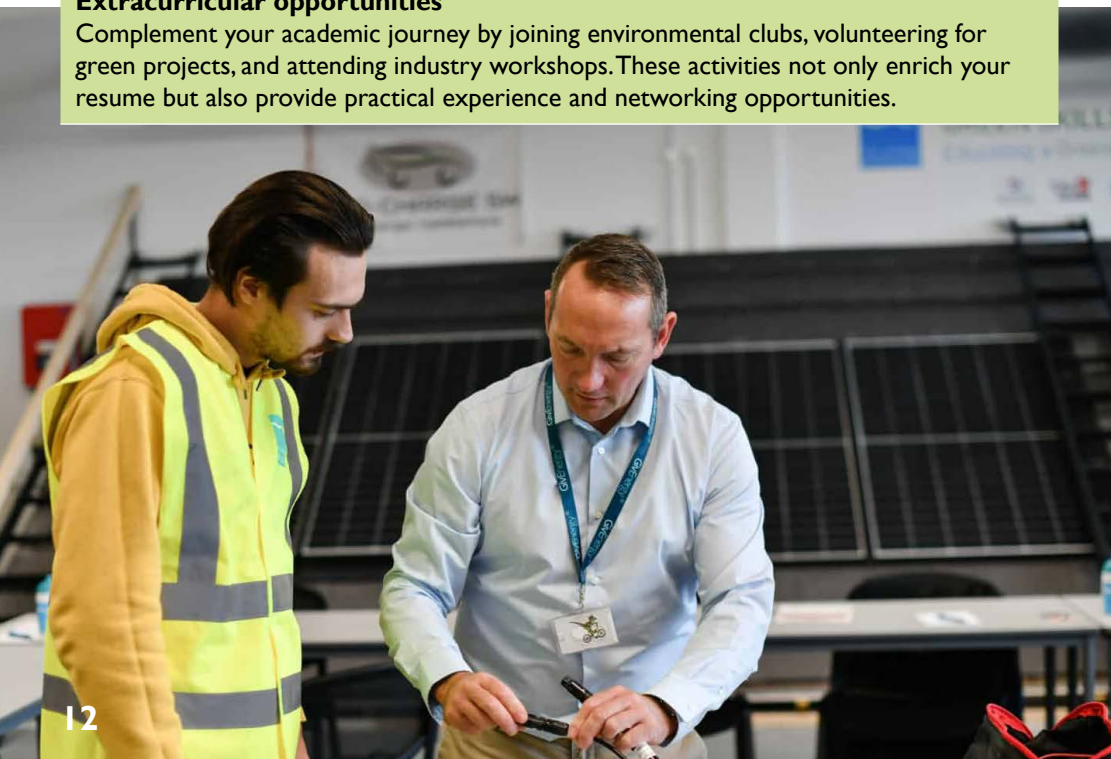
In a field that's constantly evolving, staying updated with the latest skills and knowledge is crucial. Plymouth continues to evolve its range of education options and professional development opportunities in response to industry needs and the greening up of existing jobs.

### Certifications and short courses

Certifications and short courses are invaluable for career development, providing targeted knowledge and skills that can set you apart in the job market. These courses offer quick, focused learning opportunities in specific areas of expertise, allowing you to stay updated with the latest industry trends, technologies, and best practices. Whether you are looking to advance in your current role, change to a new field, or enhance your employability, certifications and short courses can provide the necessary edge.

### Skills bootcamps

Skills bootcamps are intensive training programmes open to people aged 19 and above, aiming to provide participants with specific skills required for in-demand jobs. These short-term courses are aimed at recent graduates, career changers, and professionals seeking to enhance their skill sets. Typically focused on sectors with skills shortages. They offer hands-on training and practical learning experiences. And are often funded by the government and so are free for the learner.



## 10 Professional associations and networking

**Joining a professional association can be a game-changer.**

**It is not just about the contacts you make; it is also about staying on top of industry trends, sharing knowledge, and continuous learning.**

### Chartered Institute of Ecology and Environmental Management (CIEEM)

This is the leading professional membership body representing and supporting ecologists and environmental managers in the UK, Ireland, and abroad. They aim to advance the standards of practice and provide professional development opportunities for those involved in protecting and enhancing the natural environment.

### Institute of Environmental Management and Assessment (IEMA)

IEMA is a global professional body for individuals and organisations working, studying, or interested in the environment and sustainability. They provide resources, tools, and information to promote global sustainability practices and offer a range of professional qualifications.

### Institute of Chartered Foresters (ICF)

The ICF is the UK's leading professional body for foresters and arboriculturists. It promotes the highest standards of practice in forestry and arboriculture and provides services to support members in their continuing professional development.

### Landscape Institute (LI)

The Landscape Institute is the chartered body for the landscape profession and provides a professional home for all landscape practitioners, including landscape scientists, landscape planners, landscape architects, landscape managers, and urban designers. It offers a range of resources to support the work of these professionals.

### Chartered Institution of Water and Environmental Management (CIWEM)

CIWEM represents and supports a community of thousands of members and organizations in over 90 countries who are dedicated to improving water and environmental management for the benefit of the public. They offer training, professional development, and networking opportunities.

### Institute of Environmental Sciences (IES)

The IES is a charitable organisation which promotes and raises public awareness of environmental science by supporting professional scientists and academics working in this crucial sector. They offer various grades of membership and professional registration.

### The Institute of Marine Engineering, Science and Technology (IMarEST)

IMarEST is a global professional body uniting marine engineers, scientists, and technologists worldwide. With members in over 120 countries, IMarEST facilitates professional development, networking, and collaboration to advance marine industries sustainably.



There are also local sector specific groups to be aware of, or to consider joining if appropriate, these are often linked to city employers, providing networking opportunities and include:

<b>Building Plymouth</b>	The sector skills partnership with the construction and built environment industry, driving skills, training and employment.
<b>Destination Plymouth</b>	A private/public sector partnership with the role to increase visitors to the city and surrounding area, grow visitor spend and tourism related jobs.
<b>Devon and Plymouth Chamber of Commerce</b>	The largest network of businesses in the South West – small, medium and large organisations who want to be better at business.
<b>Digital Plymouth</b>	Bringing together the most creative talent in the South West to build connections.
<b>Future Plymouth 2030</b>	This initiative discusses and demystifies sustainability challenges and opportunities to reduce carbon emissions in construction and the built environment sector. Participation in these events and projects can provide valuable experience and networking opportunities.
<b>Maritime UK South West</b>	A public, business, research partnership which brings together the breadth of ocean economy to create a world leading ocean technology cluster. Maritime UK South West aims to champion and promote the sector, internally, nationally and abroad, driving clean growth and building on our centres of excellence in offshore renewables, marine autonomy and clean ocean technology.
<b>Plymouth Design Forum – PDF</b>	Provides a forum to discuss, debate and promote design thinking and creativity in Plymouth and the surrounding area.
<b>Plymouth Manufacturing Group (PMG)</b>	An informal network of manufacturing companies that provide a convenient means of interchange of information, experience and opinion and a channel of communication between members of the group, local authorities and other appropriate organisations.
<b>Plymouth Social Enterprise Network</b>	represents all kinds of social enterprises including co-operatives, community interest companies/business and charities.
<b>Smart Sound Plymouth</b>	Plymouth Sound is home to the world's first 5G ocean-based marine testbed. Known as Smart Sound Connect, the 5G private mobile network built by Vodafone using Nokia equipment, will enable ultrafast download speeds and low-latency 5G connectivity to support the development of new defence technology.
<b>Visual Arts Plymouth</b>	A creative sector steering group made up of arts professionals and independent artists from a range of visual arts and culture organisations across the city who work together to connect grassroots activity with a larger city-wide cultural plan and vision.

## 11 Support and resources

Embarking on a green career path is exciting, and having the right support can make all the difference. From careers information, advice and guidance and CV building to financial aid and scholarships, Plymouth offers a range of services to support your journey. Additionally, get involved with local green initiatives to gain practical experience and give back to the community.

<b>Climate Connections Plymouth</b>	This website is a central point of reference for Plymouth's net zero mission. It encourages sharing knowledge, activities, and experiences and showcases the city's climate emergency action plan
<b>Plymouth City Council</b>	Climate Ambassador Programme: This initiative allows individuals to become Climate Ambassadors, contributing personal or professional abilities to climate conversations. Ambassadors receive recognition, access to resources, and the opportunity to publicise their activities. The programme emphasises inclusiveness and diversity.
<b>Future Plymouth 2030</b>	This initiative discusses and demystifies sustainability challenges and opportunities to reduce carbon emissions in construction and the built environment sector. Participation in these events and projects can provide valuable experience and networking opportunities.
<b>Plymouth Climate Hub</b>	This group brings together environmental and climate activists and is involved in organising actions, public conversations, and discussions to educate and mobilise the community on climate issues. They welcome new ideas and participation.
<b>Net-Zero Exchange</b>	A collaborative platform at the University of Plymouth for research and enterprise focused on net-zero carbon goals. Offers networking, events, courses, and project funding.
<b>Skills Launchpad Plymouth</b>	Connects businesses and local people with opportunities for skills, training, education, careers and jobs.
<b>National Careers Service</b>	Offers career advice, skills assessments, and resources for training and job searching across England.

## Relevant Job Boards

### GreenJobs

A job board for environmental and renewable energy sector jobs in the UK, with job alerts and CV submission options.

### Conservation Careers

Global conservation job listings, career advice, and educational resources for aspiring conservation professionals.

### CharityJob

The UK's largest charity job site, offering a range of non-profit and voluntary sector jobs, online courses, and a professional community.

### Indeed

A comprehensive database which collates employment opportunities posted on other job search sites. You can explore recommended roles based on many different filters and search criteria.



## I2 Plymouth employers

Employers have an essential role to play in protecting the environment to support our planet for generations to come. When considering green jobs you will need to take into account if an employer's core activity is environmentally sustainable and whether it directly contributes to, or indirectly supports the achievement of the UK's net zero emissions target.

Alternatively, it may be that 'greening an existing job' is possible to help mitigate climate risks.

On this basis we have included main employers in each of the sectors for you to undertake your own research based on your qualifications, skill set and green aspirations.

### Advanced manufacturing

Plymouth has the highest concentration of manufacturing employment on the south coast of Britain, providing opportunities in the medical, defence, transport, pipeline, composite and marine technology sectors.

<b>Applied Automations Ltd</b>	<b>Hellermann Tyton</b>
<b>Babcock International</b>	<b>Kawasaki Precision Machinery Ltd</b>
<b>Becton Dickinson</b>	<b>Mars (Wrigley's)</b>
<b>Bombardier Transportation</b>	<b>Rittal</b>
<b>Burts Snacks Ltd</b>	<b>Toshiba</b>
<b>Collins Aerospace</b>	<b>Vi-Spring</b>
<b>Fine Tubes/Ametek</b>	

## Business services

Plymouth benefits from a vibrant mix of innovative, globally leading businesses across a multitude of sectors. The service sector within the city is thriving and offers a wealth of opportunities to work with businesses that provide services to local companies with national and international reputations.

<b>Bishop Fleming</b>	<b>Nash and Co Solicitors</b>
<b>Brights Solicitors</b>	<b>PKF Francis Clark</b>
<b>Capita</b>	<b>Vickery Holman</b>
<b>Delt Shared Services</b>	<b>Wolferstans</b>
<b>Foot Anstey</b>	<b>Womble Bond Dickenson</b>
<b>HM Land Registry</b>	<b>Gregory Distribution Ltd</b>
<b>KPMG</b>	

## Construction and the built environment

Organisations that work in different functions across a wide variety of sectors including housing, education, commercial, defence, healthcare, heritage, industrial, leisure and retail, public sector and civil engineering can be explored following the links below. Each organisation will have a different environmental impact and focus depending on their work undertaken.

**The Building Plymouth Expertise Directory 2024** - demonstrates the strength of local capabilities across construction and the built environment with an A-Z guide to contractors and consultants in and around Plymouth.

## Co-operatives

Co-operatives in Plymouth operate in different growth areas and include:

<b>Plymouth Energy Community</b>	<b>Four Green Community Trust</b>
<b>Nudge Community Builders</b>	<b>Coastal Producer Organisation</b>

## Creative industries

Plymouth is home to a diverse creative industries sector, which includes creative and digital media, software services, advertising, marketing, audio-visual, design, photography, TV, film, video, and radio production, performing, visual arts, crafts, fashion, music technology and games development. There are also museums, galleries, and libraries in the city.

Specialist companies include:

<b>Barbican Theatre</b>	<b>Plymouth Arts Cinema</b>
<b>CAMP</b>	<b>REAL Ideas</b>
<b>Plymouth Music Zone</b>	<b>The Box</b>
<b>KARST</b>	<b>MIRROR, The Gallery, Arts University Plymouth</b>
<b>The Market Hall, by Real Ideas Organisation</b>	<b>Theatre Royal Plymouth</b>
<b>Ocean Studios by Real Ideas Organisation</b>	



## Digital

Plymouth is home to a dynamic and diverse digital sector, which includes advertising, design, digital and ICT music publishing, radio and television software, computer games, electronic publishing, video, film photography, visual and performing arts. Plymouth has clear competitive advantages in digital connectivity and is comfortably above the UK average for superfast broadband speeds and coverage.

### Specialist companies include:

<b>Acronyms IT Support</b>	<b>Impleyable</b>
<b>Archilime</b>	<b>Magicka Interactive</b>
<b>Argans</b>	<b>Pixalytics</b>
<b>BluescreenIT</b>	<b>Plymouth Software</b>
<b>Cosmic Digital</b>	<b>Silverstream</b>
<b>DATA Play</b>	<b>Sponge</b>
<b>Elixel</b>	<b>The Market Hall, by Real Ideas Organisation</b>
<b>Goss Interactive</b>	<b>The Moment</b>

## Defence

The city of Plymouth and its surrounding area is home to a rich ecosystem of world-renowned defence research capabilities and private sector businesses, including:

<b>Artemis Optical</b>	<b>Babcock International at Devonport Royal Dockyard</b>
<b>Barden</b>	<b>BMT</b>
<b>Chess Dynamics</b>	<b>Collins Aerospace</b>
<b>MSubs</b>	<b>Thales UK</b>

## Marine, renewables, and ports

With a strong industry base and research facilities and a broad range of capabilities and infrastructure covering the fishing industry, marine operations and engineering, marine and environmental sciences, advanced manufacturing, composites, aerospace, and defence.

The recently announced Freeport status for Plymouth and South Devon will introduce a secure customs zone for the city bringing benefits to companies operating within them, including Manufacturing.

### Organisations include:

<b>Associated British Ports (ABP)</b>	<b>Mashfords</b>
<b>Applied Automation</b>	<b>MSubs</b>
<b>ARGANS</b>	<b>Ocean Electric Power</b>
<b>Atlantis Marine Power</b>	<b>Plymouth Marine Laboratory (PML)</b>
<b>Babcock International Group</b>	<b>PML Applications Ltd</b>
<b>Blue Ocean Monitoring</b>	<b>Princess Yachts International</b>
<b>Brittany Ferries</b>	<b>Sonardyne</b>
<b>Fugro Academy</b>	<b>Thales UK</b>
<b>Interfish Ltd</b>	<b>The Marine Biological Association (MBA)</b>
<b>Marine AI</b>	

## Medical, health and life sciences

Plymouth's growing cluster of innovative life sciences companies utilises the area's technology infrastructure, resulting in a healthy mix of established and emerging companies across medical device and diagnostics, biologics and biotech, contract research organisations and pharmaceuticals.

### Specialist companies include:

<a href="#"><u>Advanced Medical Solutions</u></a>	<a href="#"><u>Livewell Southwest</u></a>
<a href="#"><u>Artemis Optical</u></a>	<a href="#"><u>The Algram Group</u></a>
<a href="#"><u>Becton Dickinson</u></a>	<a href="#"><u>The Barden Corporation</u></a>
<a href="#"><u>Express Diagnostics</u></a>	<a href="#"><u>VacSax</u></a>
<a href="#"><u>Fine Tubes</u></a>	

At the heart of the Plymouth Health Campus, which includes the [University of Plymouth Hospitals NHS Trust](#) and the [Nuffield Health Plymouth Hospital](#) is a community of businesses from start-ups to multi-national corporations, located across two business parks: Plymouth International Medical and Technology Park which includes:

<a href="#"><u>The Peninsula Radiology Academy</u></a>	<a href="#"><u>Biovault</u></a>
<a href="#"><u>Practice Plus Group Hospital</u></a>	<a href="#"><u>K2 Medical Systems</u></a>

and Plymouth Science Park - where key life science businesses include:

<a href="#"><u>Attilium Group</u></a>	<a href="#"><u>Cardio Analytics</u></a>
<a href="#"><u>UltraCardiac</u></a>	<a href="#"><u>DDRC Healthcare</u></a>
<a href="#"><u>Re:Cognition</u></a>	<a href="#"><u>Express Diagnostics</u></a>
<a href="#"><u>Sentinel Healthcare</u></a>	<a href="#"><u>Institute of Translational and Stratified Medicine (ITSMED)</u></a>

## Nature and wildlife conservation

Over a third of Plymouth is covered with green spaces, including parks, nature reserves and woodlands. Britain's Ocean City also hosts a stunning marine environment, Dartmoor National Park to the north and the Tamar Valley and South Devon Areas of Outstanding Natural Beauty, (AONB).

### Explore the organisations within this sector:

<a href="#"><u>The National Marine Aquarium</u></a>	<a href="#"><u>Ocean Conservation Trust</u></a>
<a href="#"><u>Dartmoor Zoo</u></a>	<a href="#"><u>The National Trust</u></a>
<a href="#"><u>Dartmoor National Park</u></a>	<a href="#"><u>Tamar Valley AONB</u></a>
<a href="#"><u>South Devon AONB</u></a>	<a href="#"><u>Natural England</u></a>

## Social enterprise

In 2013, Plymouth became the UK's first Social Enterprise city. Plymouth Social Enterprise Network represents all kinds of social enterprises including co-operatives, community interest companies, charities, community businesses and more. There are now around 200 social enterprises in the city working across a wide range of sectors including in education, health, arts, environment, food, finance, housing, business support, sport, social care and more.

**You can read the Plymouth Book of Social Enterprise Wonders**

Find out more about the many local Social Enterprise employers [here](#)



## Tourism, hospitality, retail and leisure

Plymouth Britain's Ocean City is a vibrant waterfront city packed full of heritage, attractions, land and water-based activities and events, shopping, entertainment, and sightseeing opportunities. The city has a vibrant cultural life as well as close proximity to Dartmoor and some of the most beautiful countryside in the UK.

### Employers include:

<b>Adrenalin Quarry</b>	<b>Plymouth Snowsports Centre</b>
<b>Brittany Ferries</b>	<b>The Box Plymouth</b>
<b>Drake Circus and the Barcode</b>	<b>Theatre Royal Plymouth</b>
<b>Everyone Active</b>	<b>Norton Group Holdings (The Range)</b>
<b>National Marine Aquarium</b>	<b>Clip n Climb</b>
<b>Plymouth Sound National Marine Park</b>	<b>Argyle Community Trust</b>
<b>Plymouth Boat Trips</b> <b>Plymouth Boat Trips</b>	<b>Super Tramp</b>
<b>Plymouth Gin Distillery</b>	<b>The National Trust</b>

## Transportation

This sector plays a significant role in delivering a healthy city and a transport system that enables and encourages sustainable and active travel choices, providing good accessibility for the population to jobs and services, and supports a healthy environment.

<b>Plymouth City Bus</b>	<b>Local rail services</b>
<b>Brittany Ferries</b>	<b>Cycling, including continued delivery of Plymouth's Strategic Cycle Network Bikespace</b>
<b>Plymouth Boat Trips</b>	<b>Community Transport schemes - Access Plymouth</b>
<b>Electric Vehicle roles are varied and can be searched via Indeed</b>	
<b>Enterprise Car Club</b>	
<b>Co-cars Limited</b>	
<b>Highways England</b>	
<b>Statutory providers Cormac</b>	
<b>Plymouth and South Devon Freeport</b>	
<b>Low emission logistics Zedify</b>	

## Waste and recycling

Waste management that strives to achieve the most sustainable solution with the minimisation of greenhouse gas emissions, subject to the constraints of feasibility and financial viability. the development of a circular economy to gain maximum value from materials and products by keeping resources in use for as long as possible, and then recovering material value at the end of life.

**Jobs in Plymouth Household Waste Services and Recycling Centres can be found by searching here**

<b>Borrow Don't Buy</b>	<b>Made in Plymouth</b>
<b>Plymouth Scrapstore</b>	<b>It Takes a Village - Plymouth</b>
<b>Devon and Cornwall Furniture Reuse Project Ltd</b>	<b>Jar Plymouth Limited</b>
<b>MVV Energy from Waste Plant</b>	

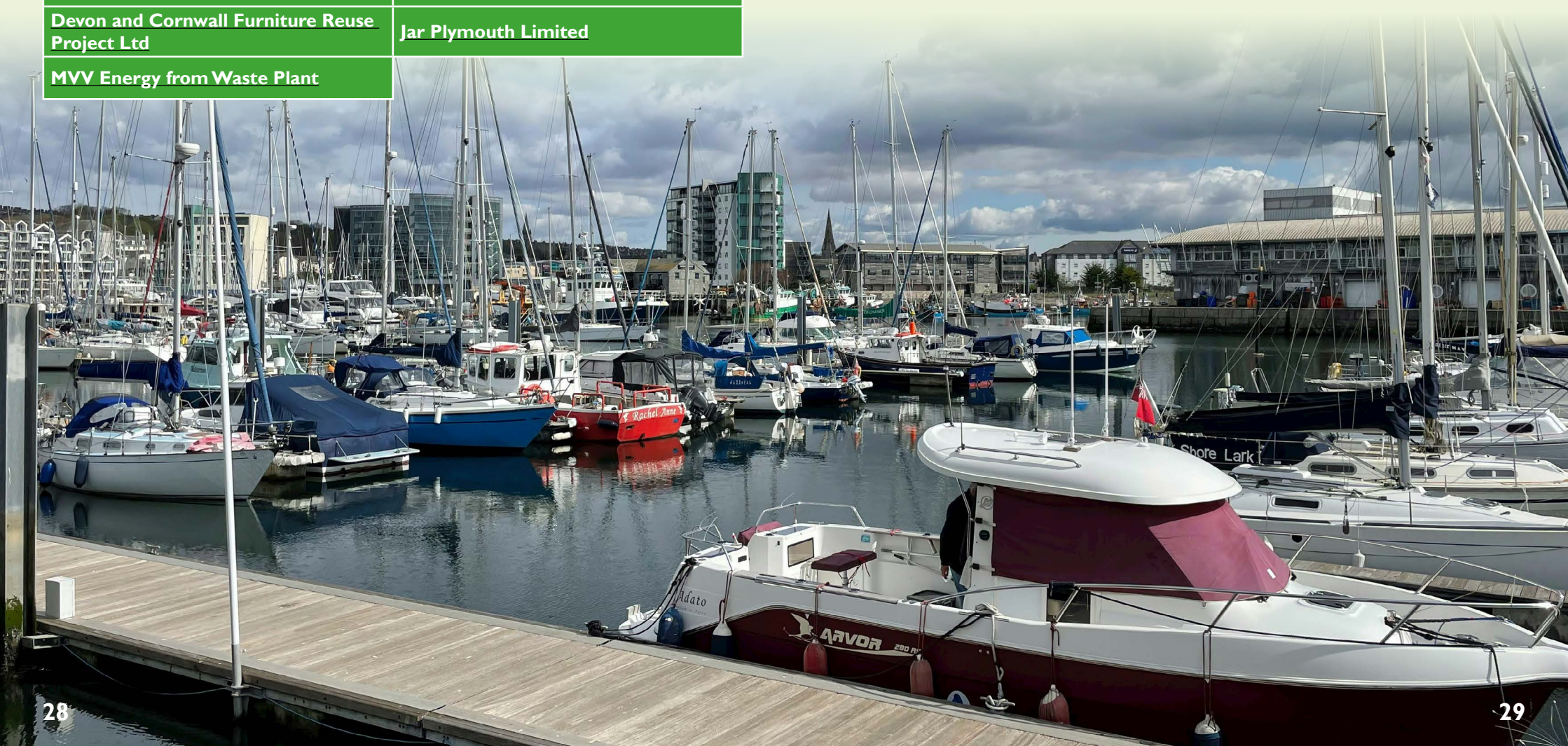
## 13 Final thoughts and encouragements

A green career in Plymouth is an exciting journey that holds a lot of promise. With a commitment to environmental sustainability, you can be a part of the positive change in your community and beyond.

As you start or progress your journey to a green career, remember that each step you take, whether it's in education, gaining hands-on experience, or networking with like-minded individuals, is an important step in making a brighter and greener future for Plymouth and the world.

We encourage you to embrace this journey with enthusiasm, curiosity, and a deep sense of purpose. Your efforts today will shape the sustainable world of tomorrow. Plymouth's green sector welcomes passionate individuals like you who are determined to make a difference and build a greener future.

**Good luck!**



## To find out more

Visit: [www.skillslaunchpadplym.co.uk/greeneconomy](http://www.skillslaunchpadplym.co.uk/greeneconomy)

Email: [skillslaunchpad@plymouth.gov.uk](mailto:skillslaunchpad@plymouth.gov.uk)

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