

Green Jobs

Linked to the local authority aims
to be Net Zero by 2032

Green Jobs

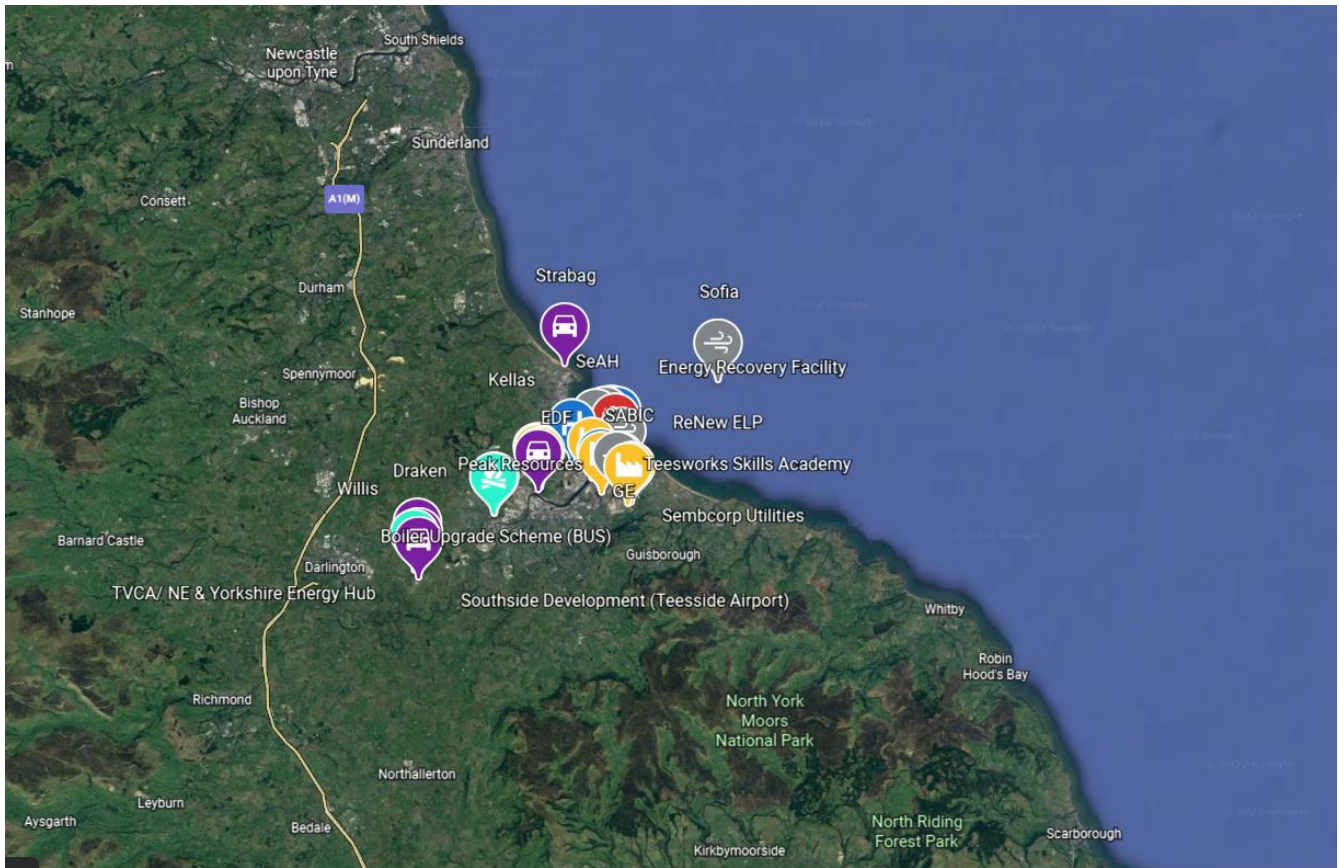
Definition

Employment in an activity that directly contributes to - or indirectly supports - the achievement of the UK's net zero emissions target and other environmental goals, such as nature restoration and mitigation against climate risks.



Tees Valley Investments

Net Zero Ambitions



INDUSTRY



NATURAL RESOURCES, WASTE AND FLUORINATED GASES



FUEL SUPPLY & HYDROGEN



GREENHOUSE GAS REMOVALS



HEAT AND BUILDINGS



TRANSPORT



POWER

Tees Valley Investments

Case Studies



FUEL SUPPLY & HYDROGEN



Protium, the UK's leading green hydrogen energy company has secured a location on Wilton Universal Group's site in Teesside, marking the area's largest announced green hydrogen project to date. Current plans are for the site to include up to 40MW of electrolysis capability, developed in two phases, including hydrogen storage. The building of a hydrogen production facility will provide Protium with the infrastructure necessary to generate renewable green hydrogen energy, with plans to supply local manufacturers once built.



NATURAL RESOURCES, WASTE AND FLUORINATED GASES



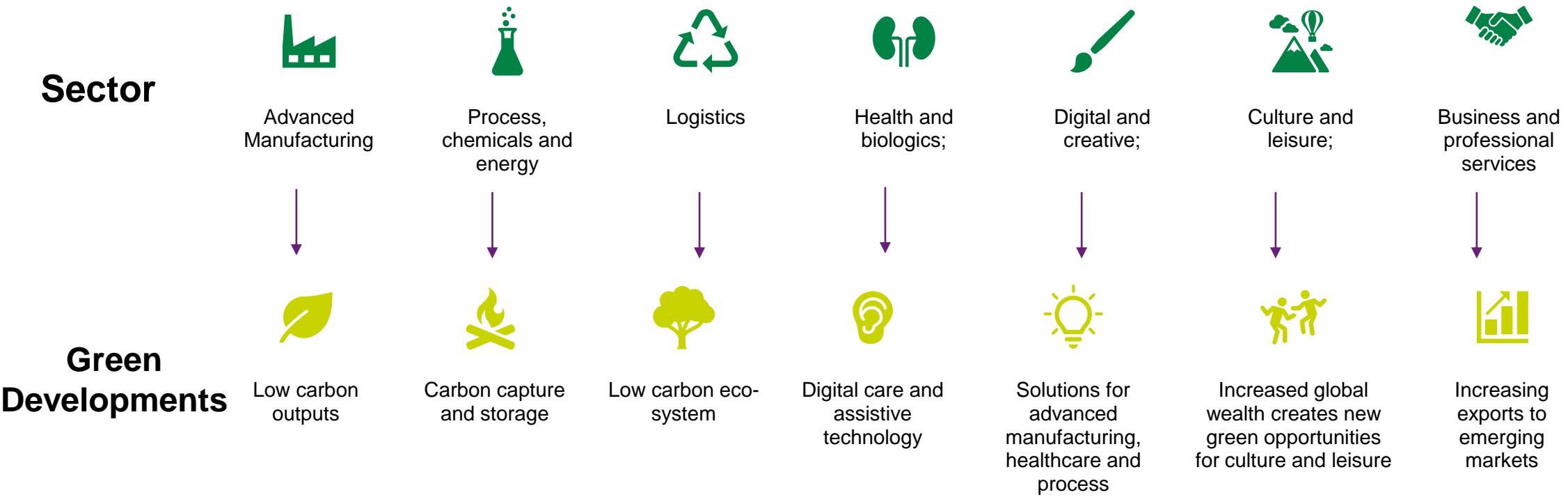
SeAH Wind's new £400m offshore wind foundation factory in Teesside. 1.13 million square foot facility will produce bases for offshore wind turbines based at Redcar's Teesworks industrial zone. 750 Direct jobs 1500 indirect.



The **Redcar Energy Centre** will be a state-of-the-art materials and energy from waste recovery facility generating baseload power to more than 100,000 homes and providing renewable heat to the UK's largest industrial zone. The project will create 450 full time jobs during construction, 80-100 new fulltime jobs during operation and will support many other jobs within the local supply chain.

Tees Valley

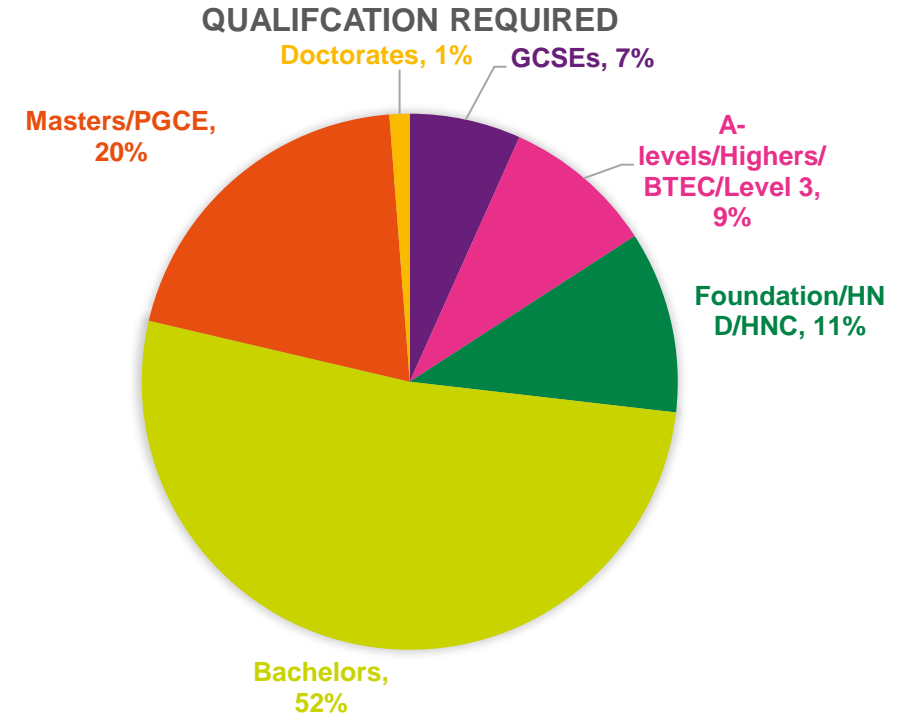
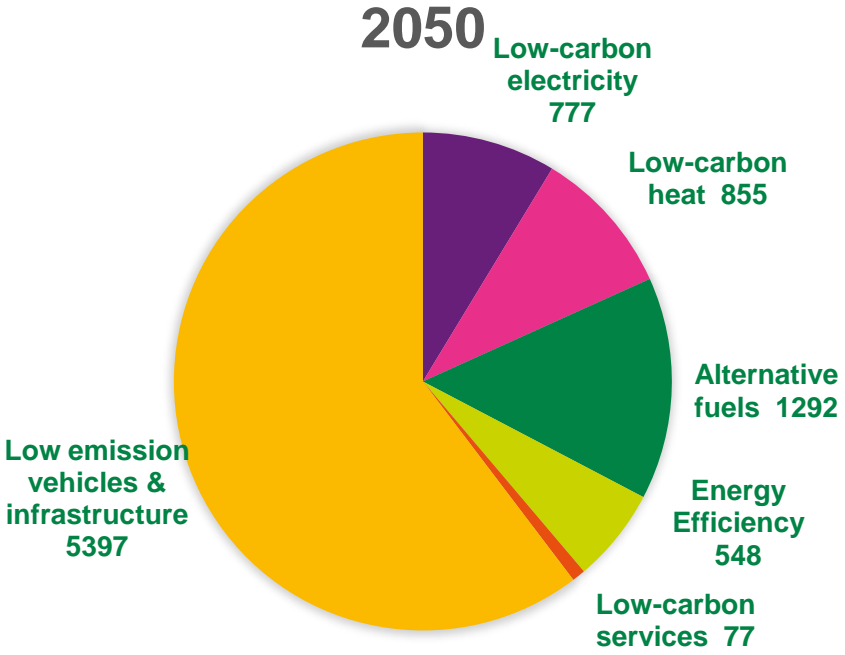
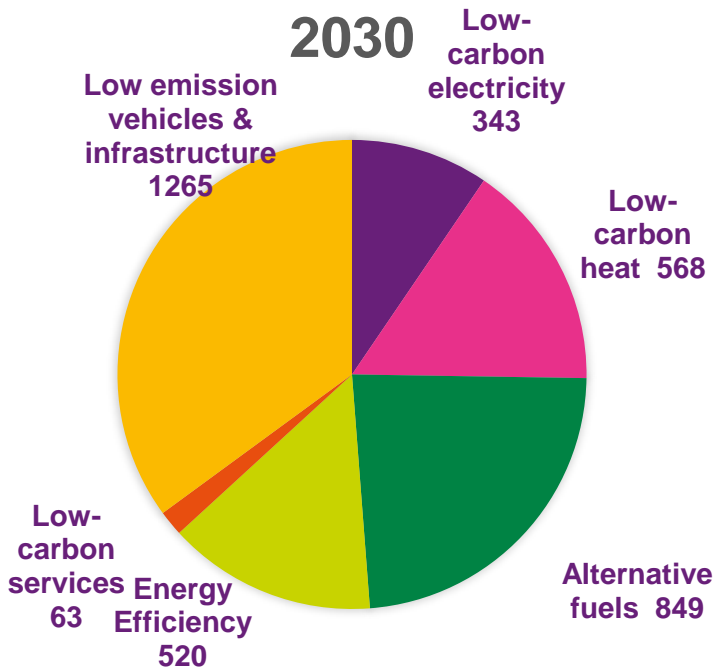
Priority Sectors and Green Opportunities



TVCA project 23,000 jobs in these areas by 2026

Stockton-on-Tees

Low Carbon Jobs in the Future

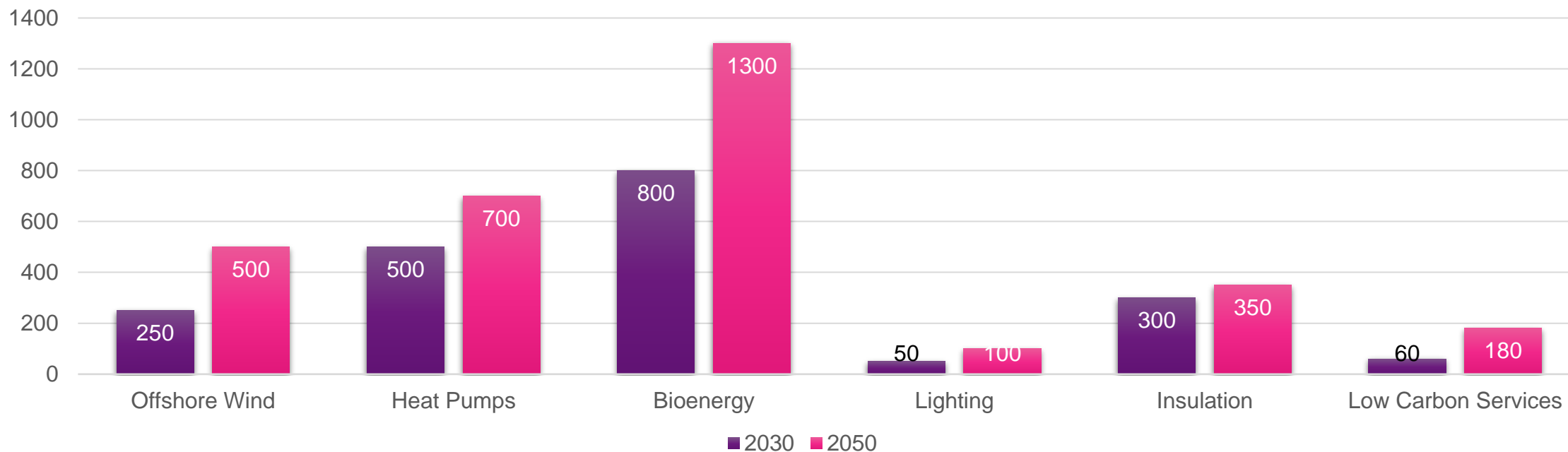


In Stockton-on-Tees it is estimated that 3,607 jobs will be required by 2030 and 9,046 by 2050.

Stockton-on-Tees

Industry Projections

Low Carbon Jobs



Top Roles and Companies Recruiting

In the Tees Valley 2020-2022



| |
|---|
| Environment Engineers |
| Environmental Coordinators |
| Environmental Engineers |
| Environmental Health and Safety Managers |
| Environmental Health and Safety Specialists |
| Environmental Health and Safety Technicians |
| Environmental Health Officers |
| Environmental Managers |
| Environmental Officers |
| Environmental Services Managers |
| Environmental Services Workers |
| Environmental Specialists |
| Environmental Services Workers |
| Environmental Specialists |
| Hazardous Waste Specialists |
| Recycling Sorters |
| Recycling Workers |
| Renewable Energy Analysts |
| Renewable Energy Engineers |
| Solid Waste Operators |
| Sustainability Managers |
| Wind Turbine Technicians |

Current Programmes and Emerging Industries

With Common Training Requirements



Warm Homes Healthy People (WHHP) - assistance with boiler servicing (SBC & partners)



Boiler Upgrade Scheme (BUS) – government grant for installation of heat pumps/biomass boilers



Home Upgrade Grant (HUG) – insulation, draft proofing solar panels and heat pumps (TVCA)



Replacement Cavity Wall Insulation



External Wall Insulation



Solar Photovoltaic (PV) Panels



Solar Thermal Panels



Loft Insulation



High Retention Storage Heaters



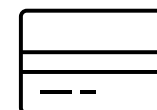
Draft Proofing



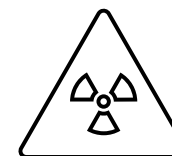
Double Glazing



Air Source Heat Pump



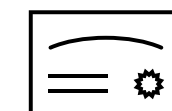
CSCS Card



Asbestos Awareness



Manual Handling



NVQ and City & Guilds Level 2 and 3

Teesworks Skills Academy

Training Programmes and Facilities

Heat Pump
Installation
Training

Installation of
Electric
Charging Points

Installation of
Solar PV

Battery Storage
Systems
Engineer

Renewable and
Clean Energy

Wind Turbine
Technology

Robotics and
Automation

Project
Management

Manufacturing

Logistics

Scaffolding

Rope Access



TEESWORKS
SKILLS ACADEMY

Employment and Training Hub

Partners and Events

Stockton-on-Tees
Employment &
Training Hub

The Learning & Skills Service are working in conjunction with our Environmental Team and an external awarding body to potentially develop a Carbon Literacy Programme.

Centrepoint are experienced in delivering workshops to young people, one of their most successful programmes has been in conjunction with Kier construction where they work with disadvantaged young people and showcase the construction sector with job opportunities at the end. The E&T Hub is working with Centrepoint to deliver a similar programme around Green Jobs, providing key information and hands-on experience for young people so that they can understand the Green Jobs of the future in relation to construction and also understanding sustainability in construction, programmes will be delivered part classroom and part on location, with links to employment at the end.

Training Provider Framework - We are procuring a Provider List of partners who can provide relevant training to our residents and businesses, as part of the list we will be looking for providers who can deliver Green Skills provision to upskill and retrain residents.

Events - We are planning a number of events within the Hub to enhance knowledge for residents and businesses regarding green jobs and how the landscape will change taking into consideration government policies. Our first event is on the 6th October 2022 called, Climate Change Coalition Event – Mike O'Reilly is hosting and has invited a variety of partners & representatives.