

Low Carbon Environmental Goods and Services Sector Study 2024: Local Authority Short Report for Redditch Borough Council

Commissioned by the Midlands Net Zero Hub, this report provides 2024 data of the LCEGS sector, updating the 2021 study.

1. Introduction

This document has been prepared to provide an overview summary of the LCEGS sector within this Local Authority. Reports on the wider picture of the MNZH region and Worcestershire, including skills forecasts relevant to this Local Authority, and datasets are available [here](#). Additional detailed data is available from kMatrix; and further recommendations and details on areas of focus are available through the Climate Action Benchmarking study.

2. Current Activity Supporting the Growth of the Sector

Activity at the Worcestershire level relevant to the wider geographical region:

- Net Zero Worcestershire offers free advice, energy assessments and grants for energy efficiency and renewable energy measures to SMEs from all sectors in the region. This includes 75% funding grants of up to £100,000 for businesses wanting to install energy efficiency measures.
- [SkillsBoost Worcestershire](#) is a scheme run by the Worcestershire Growth Hub that helps organisations with the costs of upskilling and training their employees with a 50% grant. This can include improving net zero skills in a company or can be as broad as having a consultant come in to talk about sustainability for a day, both of which drive demand in the LCEGS sector.

3. Recommendations

Recommendations for Redditch Borough Council are:

- Promote the funded [SkillsBoost Worcestershire](#) scheme to local businesses, which allows for 50% funding for any form of upskilling or training for employees.
- Strengthen SME engagement with the LCEGS sector and funding available to them through promoting good news, clear communication of support options, and helping advice providers to incentivise SMEs to take up grant offers.
- Work with nearby local authorities to develop a strategy to better work with local skills providers, education institutions and LCEGS businesses to ensure training and apprenticeships are available that address the specific skills gaps in the area. This work could include pooling funding.
- Review procurement processes within the local authority and wider public sector to prioritise sustainable practices across the supply chain, thereby driving growth in the LCEGS sector. Shift focus from short term cost savings to longer term savings and consider savings to other budgets through procurement which brings social and environmental benefits.
- Contact the Midlands Net Zero Hub and request the supplementary booklet of additional data to provide further information and context to the LCEGS sector in your area.
- Large sub-sectors which saw stronger 3-year growth in Redditch than the UK average and are considered strengths are:
 - Recovery & Recycling
 - Waste Management
 - Water Supply & Waste Water Treatment
 - Alternative Fuel Vehicle
 - Alternative Fuels
 - Building Technologies
 - Energy Management
 - Biomass
 - Geothermal
 - Photovoltaic
 - Wind

These are similar strengths to the wider Worcestershire area, which also includes Nuclear Power, but does not include Biomass, Photovoltaic and Wind, which did not grow stronger than the UK average across Worcestershire. The Worcestershire report and dataset includes details of the skills gaps across Worcestershire for each sub-sector, providing evidence to feed into local skills plans, ideally formed in collaboration with neighbouring councils.

4. Headline Figures for Redditch

The headline figures for the Redditch Borough Council area are:

- The LCEGS sector in Redditch was worth £319m in 2023/24 and is forecast to grow to £488m over the next 5 years
- The LCEGS sector accounts for 9.3% of GVA, 3.6% of employment, and sales accounts for 10.1% of GDP in Redditch
- Redditch’s LCEGS Sales generates 1.0% of the LCEGS Sales in the MNZH region, slightly higher than the 0.8% of total GDP contribution
- Redditch’s LCEGS GVA generated 1.0% of the MNZH’s LCEGS GVA, slightly higher than its 0.8% total GVA contribution
- Redditch’s LCEGS employment accounts for 0.8% of MNZH’s LCEGS employment, slightly lower than its 0.9% of economically active people in the MNZH

5. Redditch’s LCEGS Sector Key Metrics

Key metrics in Redditch for each financial year from 2019/20 to 2023/24, with growth between years:

Redditch	2019/20	% growth	2020/21	% growth	2021/22	% growth	2022/23	% growth	2023/24
Sales	£259.6m	-12.0%	£228.3m	9.0%	£248.8m	11.0%	£276.0m	15.6%	£319.1m
GVA	£207.1m	-11.9%	£182.5m	8.9%	£198.8m	10.9%	£220.5m	15.8%	£255.3m
# FTE Employees	1,615	-7.5%	1,494	8.9%	1,627	11.1%	1,807	15.9%	2,094
# Companies	174	-12.4%	152	8.4%	165	11.1%	183	15.8%	212

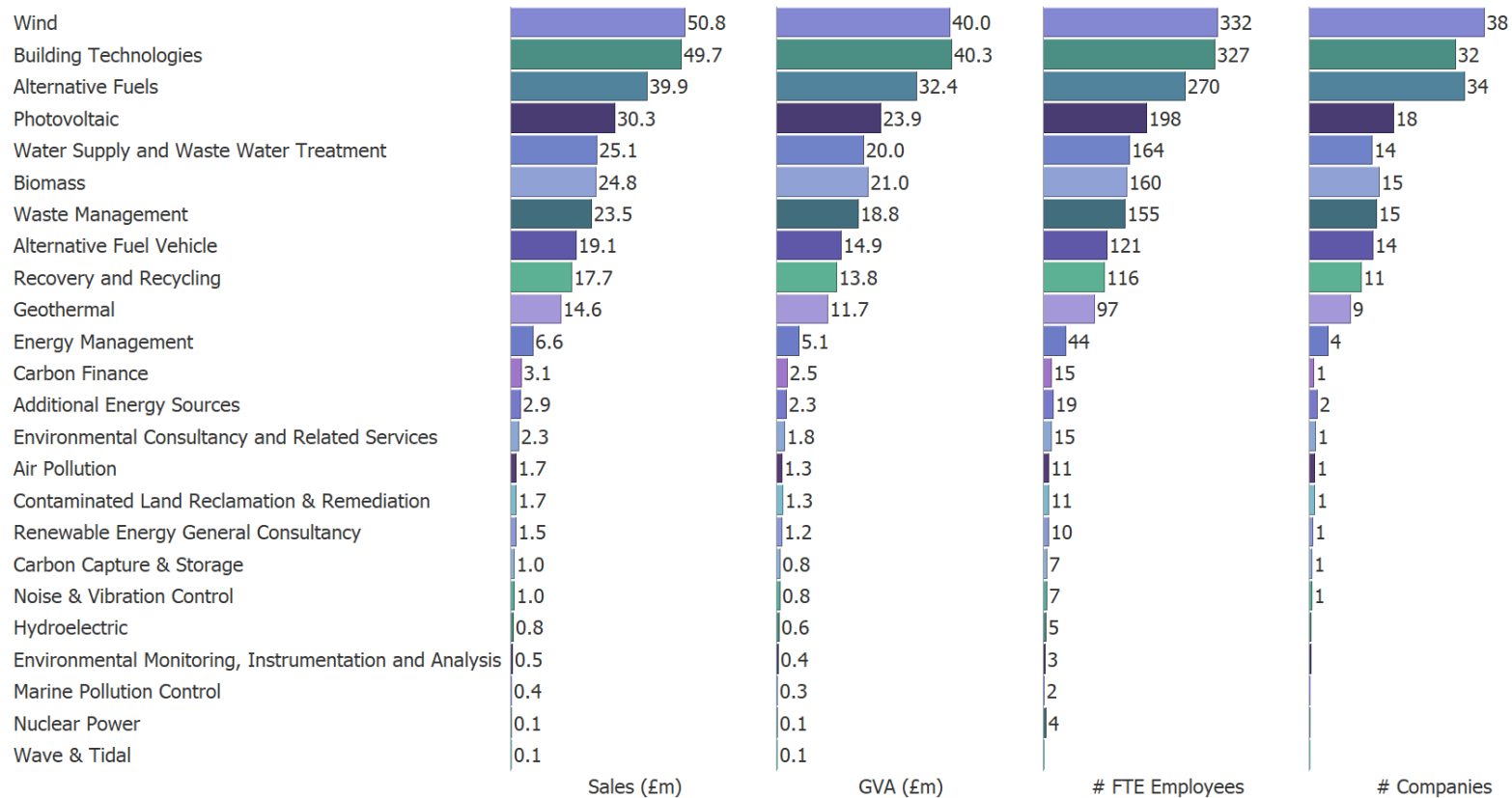
All metrics have recovered from the pandemic in 2020 and saw growth across the reporting period from 2021/22 to 2023/24.



6. Redditch's Sub-sectors Key Metrics

All twenty-four sub-sectors of the LCEGS sector have activity in Redditch, with the 2023/24 values for Sales, GVA, FTE Employees and number of companies in figure 1.

Figure 1: Sales, GVA, FTE Employees and number of companies in Redditch in 2023/24 by sub-sector



The largest eleven sub-sectors account for 95% of sales, 95% of GVA, 95% of employment and 96% of companies in the LCEGS sector. These eleven sub-sectors are Wind; Building Technologies; Alternative Fuels; Photovoltaic; Water Supply & Waste Water Treatment; Biomass; Waste Management; Alternative Fuel Vehicle; Recovery & Recycling; Geothermal and Energy Management.

7. Redditch's Sub-sector Growth Compared with the UK

Sub-sectors that saw stronger growth in sales than the UK average between 2021/22 and 2023/24 for Redditch include:

Sub-sector	Redditch Sales 2023/24	Redditch Growth 2021/22 to 2023/34	UK Growth 2021/22 to 2023/34
Air Pollution	£1.7m	28%	7%
Contaminated Land Reclamation & Remediation	£1.7m	26%	9%
Environmental Consultancy and Related Services	£2.3m	32%	11%
Recovery and Recycling	£17.7m	28%	11%
Waste Management	£23.5m	30%	8%
Water Supply and Waste Water Treatment	£25.1m	27%	5%
Additional Energy Sources	£2.9m	29%	10%
Alternative Fuel Vehicle	£19.1m	28%	12%
Alternative Fuels	£39.9m	27%	14%
Building Technologies	£49.7m	29%	16%
Energy Management	£6.6m	29%	10%
Biomass	£24.8m	28%	24%
Geothermal	£14.6m	31%	18%
Photovoltaic	£30.3m	27%	21%
Wind	£50.8m	29%	23%

Only sub-sectors contributing more than 1% of the total Sales in Redditch have been included in this table.

Of the fifteen sub-sectors that grew stronger than the UK, Recovery & Recycling; Waste Management; Water Supply & Waste Water Treatment; Alternative Fuel Vehicle; Alternative Fuels; Building Technologies; Energy Management; Biomass; Geothermal; Photovoltaic; and Wind are also large sub-sectors and should be considered a strength of Redditch.

8. MNZH Regional summary

Headline figures for the MNZH area are:

- The LCEGS sector in MNZH Region was worth £31.0bn in 2023/24 and is forecast to grow to £46.6bn over the next 5 years
- The LCEGS sector accounts for 7.4% of GVA, 4.2% of employment, and sales accounts for 8.3% of GDP in MNZH Region
- MNZH Region's LCEGS Sales generates 11.9% of the LCEGS Sales in the UK, slightly lower than the 12.4% of total GDP contribution
- MNZH Region's LCEGs employment accounts for 15.5% of the UK's LCEGS employment, lower than its 16.8% of economically active people in the UK
- Net Zero 2030 targets are expected to require between 30,192 and 146,162 FTE employees in addition to those employed now in the MNZH region
- Net Zero 2050 targets are expected to require between 263,907 and 727,184 FTE employees in addition to those employed now in the MNZH region
- The MNZH region's LCEGS sector could generate up to 727,184 jobs between 2023/24 and 2050*
- Between 2019/20 and 2023/24, Investment in R&D for the LCEGS sector has varied, but is now similar, shrinking slightly from £2.2bn to £2.1bn for Private Equity Investment; being £3.6bn for Venture Capital Investment for both years; and increasing slightly from £4.9bn to £5.2bn for Other Investment.
- Exports in the LCEGS sector for MNZH Region have increased from £2.8bn in 2019/20 to £3.2bn in 2023/24.

*The majority of increase from 2030 targets due to additional 20 years of wider economic growth

9. Worcestershire County Council summary

Headline figures for Worcestershire area are:

- The LCEGS sector in Worcestershire was worth £1.8bn in 2023/24 and is forecast to grow to £2.8bn over the next 5 years
- The LCEGS sector accounts for 7.6% of GVA, 4.2% of employment, and sales accounts for 8.3% of GDP in Worcestershire
- Worcestershire's LCEGS Sales generates 5.8% of the LCEGS Sales in the MNZH region, in line with its 5.8% of total GDP contribution
- Worcestershire's LCEGS GVA generated 5.8% of the MNZH's LCEGS GVA, slightly higher than its 5.6% total GVA contribution
- Worcestershire's LCEGS employment accounts for 6.1% of MNZH's LCEGS employment, in line with its 6.1% of economically active people in the MNZH
- Net Zero 2030 targets are expected to require between 1,427 and 8,244 FTE employees in addition to those employed now in Worcestershire
- Net Zero 2050 targets are expected to require between 17,453 and 42,283 FTE employees in addition to those employed now in Worcestershire
- Worcestershire's LCEGS sector could generate up to 42,283 jobs between 2023/24 and 2050*
- Between 2019/20 and 2023/24, Investment in R&D for the LCEGS sector has grown from £77m to £143m for Private Equity Investment; £152m to £230m for Venture Capital Investment; and £228m to £317m for Other Investment.
- Exports in the LCEGS sector for Worcestershire have increased from £191m in 2019/20 to £220m in 2023/24.

*The majority of increase from 2030 targets due to additional 20 years of wider economic growth

10. Example Companies in Redditch

Examples companies in Redditch.

Note: Some or all of the company's activity and employment are either currently in the LCEGS sector or have the potential to be. In some cases, turnover and/or employment may include activity in other locations.

Company Name:	Solid State PLC
Web:	https://solidstateplc.com/
Turnover:	£163m
Employees:	over 400 (global)
SIC Codes:	Manufacture of other electrical equipment Manufacture of batteries and accumulators
Additional Products and Services:	Energy sector supply chain
About the company:	<p>“Solid State plc (AIM:SOLI) is a value-added electronics group supplying commercial, industrial and defence markets with durable components, assemblies and manufactured units for use in specialist and harsh environments.</p> <p>Solid State is a leading value-added electronics group supplying commercial, industrial and military markets with durable components, assemblies and manufactured systems for use in critical applications, with a particular emphasis on specialist and harsh operational environments.</p> <p>The company has particular expertise in industrial and ruggedised computing, battery power solutions, antennas, secure radio systems, imaging technologies, electronic components and displays.</p> <p>Serving industries with demands for complex, performance-critical products, the Solid-State trading brands have become recognised industry leaders through consistently delivering product quality, high service standards and comprehensive technical support.</p>

Company Name: **Saldon Products Limited t/a TamLite Lighting**

Web: <https://tamlite.co.uk/>

Turnover: £50.8m

Employees: 215

SIC Codes: Manufacture of other electrical equipment

About the company: “TamLite continue to offer a superior range of products and services within all sectors of the lighting and Fire Alarm market to provide best value, best solution and a complete package for designers, architects and installers throughout the UK and Ireland. Furthermore, our competence and experience now extends beyond the British Isles with distributors and completed projects in Europe, the Middle East, and Africa.

TamLite Lighting has a vested interest in promoting good sustainability practice within the company and the wider lighting industry. As one of the largest privately-owned UK manufacturers, we have a responsibility to ensure our processes, technologies and products are in line with our commitment to ensuring a healthy planet for all.

At TamLite, we want to help reach the targets set for net zero. We want to *reduce*; lowering the amount of waste produced, *reuse*; using materials repeatedly, *recycle*; using materials to make new products, and *recover*; recovering energy from waste. That is what we want to continue to do and improve on, whether it be in our design stage, production or delivery.”

Company Name: **TRT Lighting Limited**

Web: <https://www.trtlighting.co.uk/>

Turnover: £10m

Employees: 47

SIC Codes: Manufacture of electric lighting equipment

About the company:

“ TRT designs, manufactures and supplies sustainable and environmentally friendly performance lighting products for the road/street, tunnel and exterior lighting markets.”

