



GREATER MANCHESTER'S GREEN ECONOMY

Sector Mapping study

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EXECUTIVE SUMMARY



European Union
European Regional
Development Fund



Business Growth Hub



Greater Manchester
Local Enterprise Partnership

GMCA

GREATER
MANCHESTER
COMBINED
AUTHORITY

EXECUTIVE SUMMARY



This report provides an update on the economic size and future potential of Greater Manchester's (GM) green technologies and services (GTS) sector and its contribution to the local, regional and national economy between 2019-2020.

Greater Manchester statistics

- Greater Manchester's GTS sector generated sales of £8,644m. It comprised 3,144 companies employing 58,736 full time equivalent employees.
- Historical growth in sales over the four-year period between 2015/16 and 2019/20 was 27.9%, equivalent to a compound growth rate of 6.34% per year.
- The GTS sector represents 14.5% of the business base (based on GVA) and 3.2% of Greater Manchester's employment.
- In comparison to standard industry classification (SIC) code groupings, Greater Manchester's GTS sector is larger than advanced manufacturing, digital, creative and science and R & D (excl. manufacturing) sectors combined.
- Greater Manchester is a national leader in carbon capture & storage, energy management and renewable energy consultancy; and ranks second in the UK (behind London) for alternative fuel vehicles and carbon finance

National comparisons and statistics

- Greater Manchester's economic performance has remained stable, and it has the largest sector outside of London and the South East with 4% (£8,644m) of GTS sector sales in England.
- Greater Manchester increased its contribution to the North West's GTS sector exports from 43% to 46% (£1,050m) in 2019/20, with the top exporting sub-sector being wind (£210m).
- Greater Manchester's GTS sector had a slower growth rate (7.1%) than the UK between 2018/19 and 2019/20.



Green Economy member profile

ENVIROHEAT

Enviroheat develop and supply innovative home heating products which are designed to be highly efficient in their consumption and preservation of energy.

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International comparisons and statistics

- The global low carbon sector grew 14% between 2018-19 and 2019/20.
- There was low confidence in global sales growth forecast rates due to the onset of the COVID-19 pandemic.
- UK and Greater Manchester forecast sales growth rates for the GTS sector were lower than global forecasts to 2024/25.
- Internationally, Greater Manchester outperformed Milan, Portland, Copenhagen, Seattle, Berlin, Rome and Stockholm when comparing sales value in proportion to GDP.

Future potential of the GTS sector in Greater Manchester:

The strongest diversification opportunity for existing businesses to enter the GTS sector were found for engineering companies diversifying into the renewable energy sector, with a market value of £67,585m. In particular: biomass, wind and geothermal (inc. heat pumps) markets.

GTS sub-sectors likely to drive local economic growth and jobs based on existing sector size (sales), forecast growth rate and national/local developments indicating support for these sub-sectors, are:

- Energy efficiency / housing retrofit (plumbers, heating engineers, multi-disciplinary engineers)
- Heat networks (civil and multi-disciplinary engineers)
- Smart grids (electrical engineers, multi-disciplinary engineers, data specialists)
- Digital technologies – as applied to all above categories – (programmers, systems analysts, digital electronics engineers)



Green Economy member profile

LIGERO DESIGN

Ligero Design manufacture and design bespoke, energy saving LED lighting solutions, helping clients to do better by the planet as well as make significant cost savings.

GREATER MANCHESTER'S GREEN ECONOMY

Green Economy brings together the installers, tradespeople and professionals the UK requires to deliver the transition to net zero into one single network. We support suppliers to develop and grow their business, while our unrivaled knowledge of the supply chain means we can help buyers find their perfect project partner and local authorities grow their low carbon business bases.

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Report provided by Ove Arup and Partners with kMatrix Data services, November 2021

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