

Decarbonisation Solutions Framework E-Guide

Helping the **education sector**
transition to a low carbon future



Contents

Introduction

- 02 Introducing WME
- 04 Framework Overview
- 05 Why Choose WME
- 06 Procurement Options

Decarbonisation Frameworks

- 07 Solar PV
- 10 LED Lighting
- 13 Building Controls
- 16 Heat Pumps

Additional Information

- 19 Social Value
- 20 Education Decarbonisation Framework
- 21 Contact Us

Introducing WME:

WME is a leading Public Buying Organisation with over 35 years' experience delivering energy procurement and associated services to the public sector through compliant, DfE-approved frameworks.

We currently support over 2,500 education establishments, including more than 200 multi-academy trusts, providing risk-managed energy procurement while helping organisations reduce costs, cut carbon and progress towards net zero.

Building on the success of our Education Decarbonisation Consultancy Framework, launched in 2024, we are delighted to launch a suite of Decarbonisation Solution Frameworks designed to help schools and public sector organisations **move from planning to delivery**.

These frameworks ensure that WME provides a complete, compliant solution for all of your energy and decarbonisation needs.

[Click to view other WME Frameworks](#)

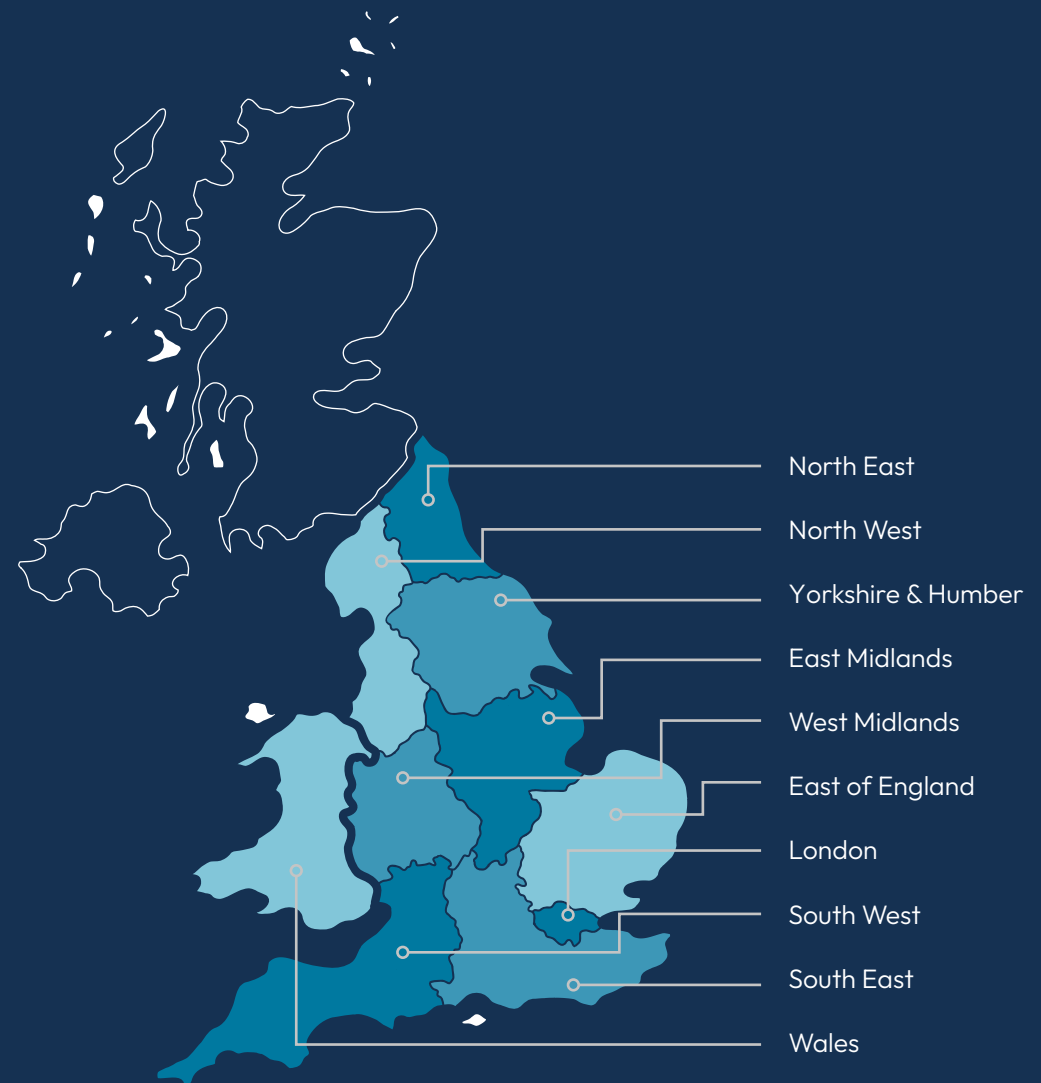
Introduction

Our Decarbonisation Solution Frameworks form part of our “Use Cleaner, Use Less” campaign, making decarbonisation practical, affordable and accessible for the public sector.

Each framework is structured across **10** regional lots, with a maximum of five high-quality suppliers per lot, ensuring strong competition while maintaining efficient and transparent supplier management.

This approach also supports social value, encouraging the use of local contractors and SMEs, boosting regional employment and skills.

For schools and public sector organisations, it means working with locally based suppliers, improving responsiveness, reducing travel emissions, and delivering projects with greater local knowledge and accountability.



Framework List

Supply and Installation of Solar PV

Term: 08/06/2026 to 03/05/2034

Award Notice – 2026/S 000-044433

Coming Soon

Supply and Installation of LED Lighting



Coming Soon

Supply and Installation of Heat Pumps



Coming Soon

Supply and Installation of Building Controls



What our frameworks provide:

Our frameworks offer a compliant, streamlined route to market for education and public sector establishments across the UK to access trusted, sector-specific suppliers for the supply and installation of decarbonisation technologies.

All suppliers have been appointed through a robust, best-value procurement process, giving you confidence in quality, compliance and value for money.

Each framework is designed to help you reduce carbon emissions, improve energy performance and deliver tangible progress towards net zero across your estate.



Why Choose WME's Frameworks?

WME's Decarbonisation Solutions Frameworks have been designed specifically with the education sector in mind. Our frameworks place emphasis on quality, price, social value and experience, ensuring you receive the best overall outcome for your project.

By choosing WME, you will benefit from the reassurance that all suppliers have been through a rigorous and compliant selection process under the new Procurement Regulations. We've done the hard work of vetting suppliers, so you don't have to.

For schools in particular, we recognise the unique challenges you face when it comes to decarbonisation projects: tight budgets, safeguarding considerations, and the need to minimise disruption to teaching and learning. That's why every supplier on our frameworks has been carefully selected based on their track record of delivering projects within the education sector and their ability to work with sensitivity and professionalism in school environments.

Framework Benefits



Compliance made simple

Avoid the time and risk of running your own tender while staying fully compliant with the latest regulations.



Fast and efficient

Access pre-approved suppliers quickly through direct award or mini-competition routes, saving valuable time and resource.



Trusted suppliers

Work only with contractors who are experienced in education settings and understand safeguarding and operational sensitivities.



Value for money

Benefit from genuine competition within each regional lot, driving down costs while ensuring quality outcomes.



Supporting net zero goals

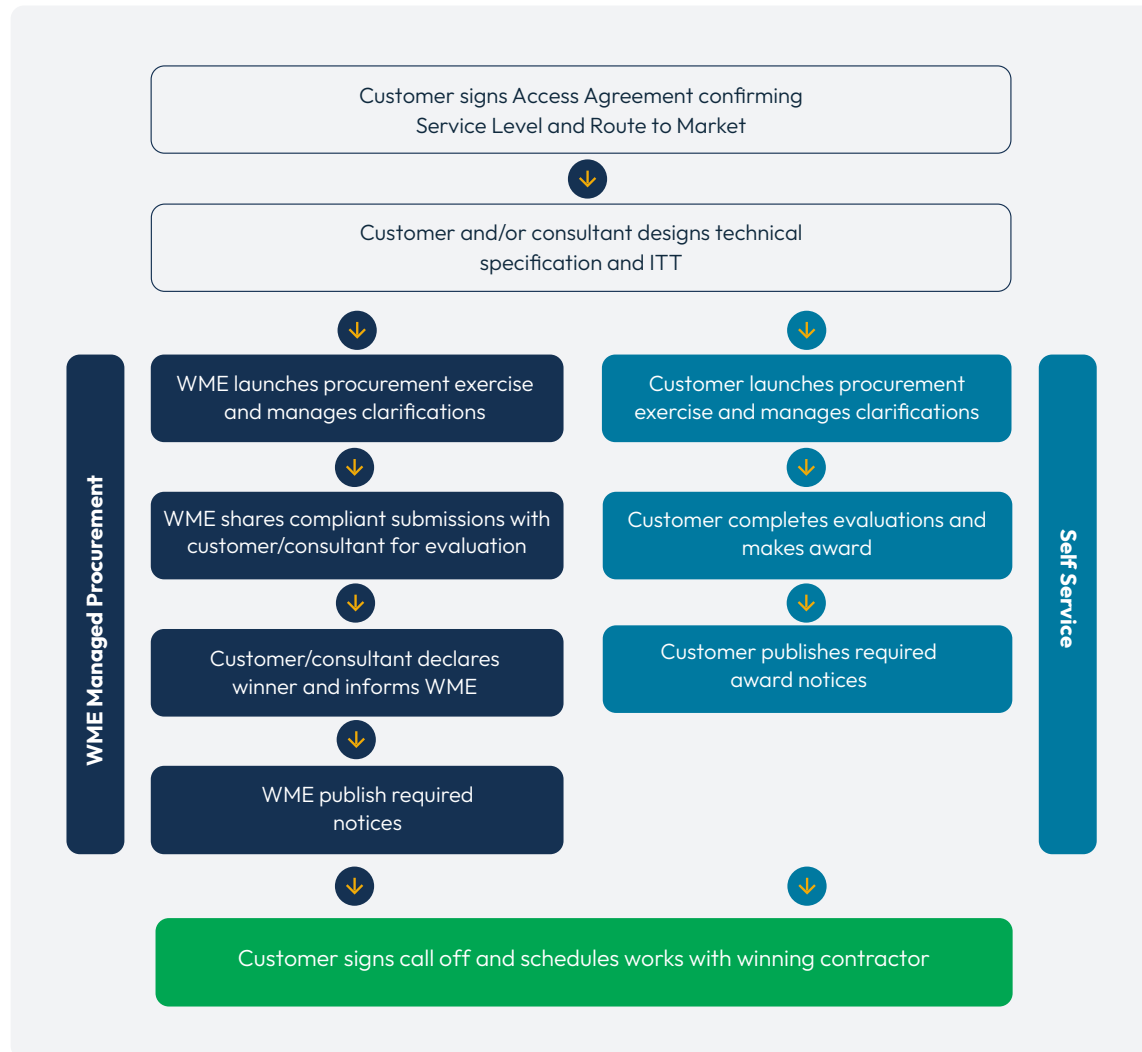
Deliver projects that not only cut carbon but also improve the learning environment for pupils and staff.



Social value

Encourage the use of local contractors and SMEs, creating wider community benefits such as local jobs, training, and skills development.

Procurement Service Options and Route to Market



Service Levels

WME Managed Service – WME’s expert procurement team will administer the tender exercise via our Delta procurement platform, ensuring a fair and compliant tender exercise is complete.

Self Service – You can access WME’s framework directly to run your own tender exercise. In this option, you are responsible for ensuring the process remains compliant.

Routes to Market

Mini-Competition – A mini-competition allows you to invite all approved suppliers within a framework lot to submit bids, helping you compare quality, pricing and proposals to achieve the best overall value.

Direct Award – A direct award enables you to appoint a single pre-approved supplier from the framework without running a further competition based on compliant award criteria, providing a faster and more efficient route where appropriate.

Framework 01

Supply and Installation of Solar PV

“

A typical school rooftop solar installation can reduce electricity bills by up to 30% while cutting carbon emissions for decades to come.

Solar photovoltaic (PV) panels convert sunlight directly into electricity, providing a reliable and renewable energy source for your building. By generating your own electricity on-site, you can reduce reliance on the grid and protect your site against future energy price rises.

Solar PV systems have a lifespan of 25 years or more, making them a long-term investment that supports both cost savings and sustainability goals, while showcasing your commitment to renewable energy to pupils and the wider community.

If you generate more than you consume, WME can support your put in place a SEG agreement, to ensure you are paid to export excess generation back to the grid.

Solar PV Impact Matrix

Installation Cost

Medium to High ●●●

Carbon Reduction Impact

High ●●●

Considerations

Generates renewable electricity on-site, reducing grid demand and emissions. Payback depends on roof suitability, size, and site consumption profile.

Find out more



01

Supply and Installation of Solar PV

Supplier	North East	North West	Yorkshire & Humber	East Midlands	West Midlands	East of England	London	South East	South West	Wales
Myriad Heat and Power Products Ltd	✓	✓	✓			✓				
Dodd Group Ltd	✓	✓	✓	✓	✓	✓		✓	✓	
Broad Oak Commercial Services Ltd	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
GSM Ltd				✓	✓		✓	✓	✓	✓
EX2 Group									✓	
Jackwolf	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Low Carbon Energy Company	✓	✓				✓	✓	✓		✓
Carbon3 Ltd			✓	✓	✓					✓
Solmatix							✓			

Framework 02

Supply and Installation of LED Lighting

“

Switching to LED lighting can reduce electricity consumption for lighting by up to 70%, cutting both costs and carbon emissions.

Upgrading to LED lighting is one of the simplest and most effective ways for public sector organisations to save energy. Unlike traditional bulbs, LEDs convert far more energy into light rather than heat, delivering immediate reductions in electricity use and ongoing cost savings.

LEDs also have a much longer lifespan, often exceeding 10 years, which lowers maintenance and replacement costs. Beyond efficiency, LED lighting produces a higher-quality, brighter light, helping to create a safer, more welcoming environment in schools and other public buildings. This makes LED technology a low-cost, low risk, high-impact step towards meeting your energy efficiency and carbon reduction goals.



LED Lighting Impact Matrix

Installation Cost

Low ●○○

Carbon Reduction Impact

Medium to High ●●●

Considerations

One of the most cost-effective upgrades. Delivers fast payback (often <3 years) and significant energy savings. Minimal disruption.

[Find out more](#)



02

Supply and Installation of LED Lighting

Supplier	North East	North West	Yorkshire & Humber	East Midlands	West Midlands	East of England	London	South East	South West	Wales
----------	------------	------------	--------------------	---------------	---------------	-----------------	--------	------------	------------	-------

Supplier 1

Supplier 2

Supplier 3

Supplier 4

Supplier 5

Supplier 6

Supplier 7

Supplier 8

Supplier 9

Supplier 10

Supplier 11

Supplier 12

Supplier 13

Supplier 14

Supplier 15

COMING SOON

Framework 03

Supply and Installation of Building Controls

“

Effective building management systems can cut energy use by up to 30% by ensuring heating, cooling, and lighting only operate when needed.

Modern building controls optimise how energy is used throughout your estate, automatically adjusting systems such as heating, ventilation, air conditioning, and lighting. This reduces waste, enhances comfort, and ensures your buildings operate more efficiently.

For schools, the benefits include lower energy bills, reduced carbon emissions, and improved learning environments, with smarter scheduling to match occupancy patterns. These energy patterns can be viewed on myWME.



Building Controls Impact Matrix

Installation Cost

Low to Medium ●○○

Carbon Reduction Impact

Medium ●●○

Considerations

Optimises heating, lighting, and ventilation operation. Ideal for improving efficiency of existing systems. Savings depend on current control setup and user engagement.

Find out more



03

Supply and Installation of Building Controls

Supplier	North East	North West	Yorkshire & Humber	East Midlands	West Midlands	East of England	London	South East	South West	Wales
----------	------------	------------	--------------------	---------------	---------------	-----------------	--------	------------	------------	-------

Supplier 1

Supplier 2

Supplier 3

Supplier 4

Supplier 5

Supplier 6

Supplier 7

Supplier 8

Supplier 9

Supplier 10

Supplier 11

Supplier 12

Supplier 13

Supplier 14

Supplier 15

COMING SOON

Framework 04

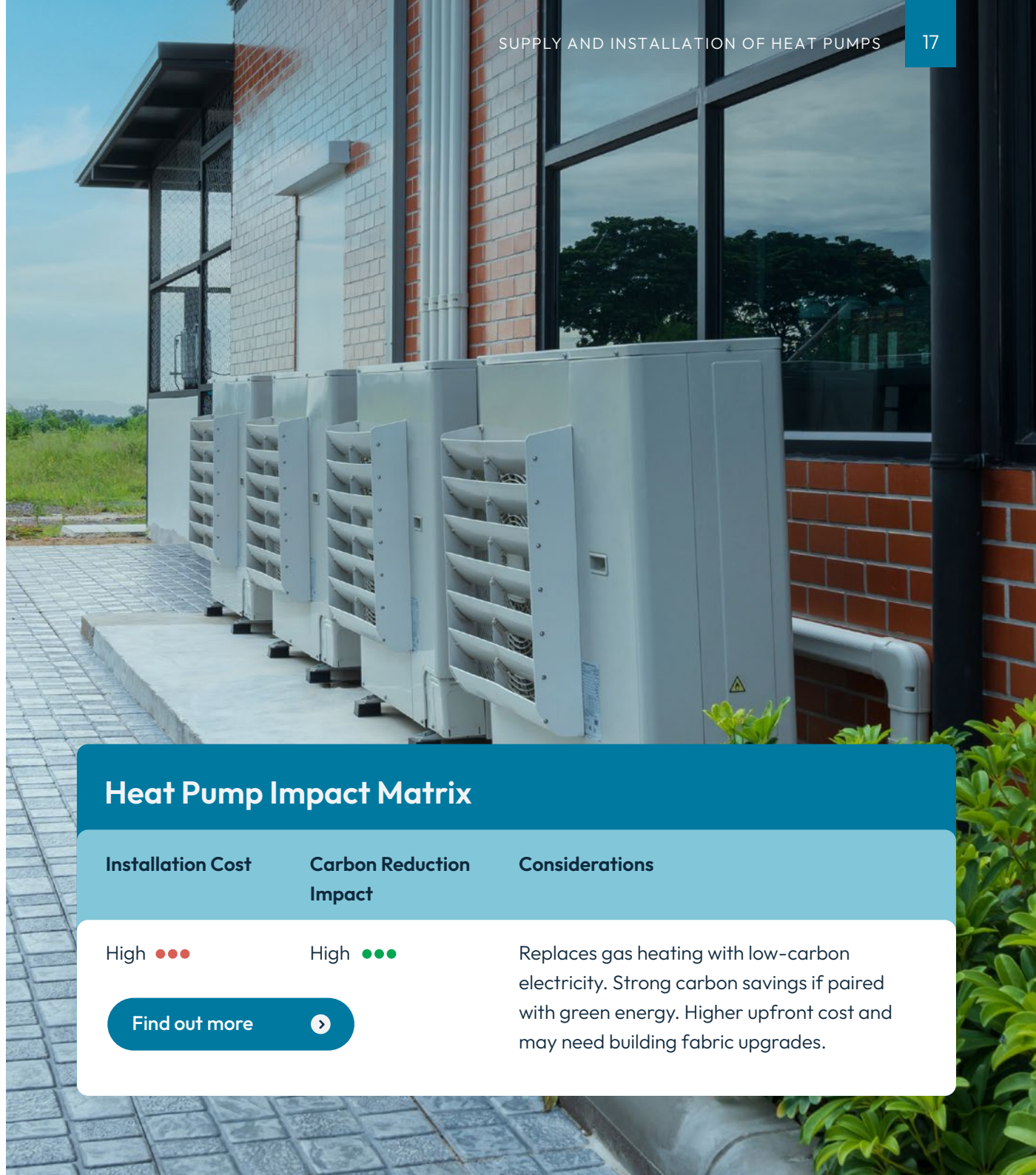
Supply and Installation of Heat Pumps

“

Heat pumps can deliver 3 units of heat for every 1 unit of electricity consumed, making them up to 300% efficient compared to traditional boilers.

Heat pumps are a low-carbon alternative to gas heating, extracting heat from the air or ground and using it to provide space heating and hot water. While they can reduce your organisation's reliance on fossil fuels and deliver significant carbon savings, it's important to consider the impact on electricity demand and meter capacity.

With the right design, heat pumps provide a long-term, sustainable solution to decarbonising heating in schools and public sector estates, helping you move towards net zero heating.



Heat Pump Impact Matrix

Installation Cost

Carbon Reduction
Impact

Considerations

High ●●●

High ●●●

Replaces gas heating with low-carbon electricity. Strong carbon savings if paired with green energy. Higher upfront cost and may need building fabric upgrades.

Find out more



04

Supply and Installation of Heat Pumps

Supplier	North East	North West	Yorkshire & Humber	East Midlands	West Midlands	East of England	London	South East	South West	Wales
Supplier 1										
Supplier 2										
Supplier 3										
Supplier 4										
Supplier 5										
Supplier 6										
Supplier 7										
Supplier 8										
Supplier 9										
Supplier 10										
Supplier 11										
Supplier 12										
Supplier 13										
Supplier 14										
Supplier 15										

COMING SOON

Delivering Social Value Through Every Project

WME's Decarbonisation Solution Frameworks are designed not only to help the public sector reduce carbon emissions, but also to deliver meaningful social value within local communities.

By structuring each framework across 10 regional lots, we ensure projects are delivered by suppliers who understand local priorities, utilise local supply chains, and reinvest in regional economies.

But social value goes beyond geography. It's about creating lasting, positive impact for people, places and communities.



Local Employment

Framework lots are regionally structured, supporting local contractors and strengthening regional supply chains.



SME & Local Business Support

Encouraging participation from SMEs, creating opportunities for local businesses to grow and thrive.



Apprenticeships & Training

Suppliers create green skills opportunities through apprenticeships and on-site training.



Education Engagement

Projects can include sustainability workshops and learning sessions for pupils and staff.



Boosting Local Economies

Investment is retained within the region, supporting economic growth and community resilience.



Sustainable Practices

Use of low-carbon materials, waste reduction and biodiversity improvements are actively encouraged.



Fair Employment

Promoting equality, fair pay and safe working conditions across all suppliers.



Long-Term Legacy

Delivering lasting benefits, from improved learning environments to more energy-efficient estates.

Education Decarbonisation Framework

WME's Education Decarbonisation Consultancy framework, launched in 2024, provides the essential first step for any organisation beginning its decarbonisation journey.

Our "DfE Approved" framework offers a simple and compliant route to market for any education establishment in the UK to access sector specific decarbonisation experts in the knowledge that a robust tender exercise has taken place to award the framework.

Our decarbonisation partner, Barker, have extensive experience in delivering low-carbon consultancy, supporting the education sector specifically to reduce energy consumption and minimise their carbon footprint.

Barker can help scope projects, assess current performance, model carbon and cost impacts, and develop detailed business cases aligned with Department for Education (DfE) and wider public sector sustainability guidance.

Once a decarbonisation plan or feasibility study has been completed, organisations can seamlessly move **from planning to delivery** through WME's new Decarbonisation Solutions Frameworks which provide fully compliant, competitive routes to deliver the projects identified in your consultancy phase.

Together, these frameworks create a complete end-to-end solution from expert advice and data-driven strategy through to high-quality, on-site delivery.



DfE Approved
Framework


Department
for Education

WME West Mercia
Energy



Get in touch

To learn more about our Education Decarbonisation Framework, or to express your interest, please get in touch with us:

E: customerservices@westmerciaenergy.co.uk

T: 0333 101 4424

W: westmerciaenergy.co.uk

 [/west-mercia-energy](https://www.linkedin.com/company/west-mercia-energy)

