

“

Bringing a trusted third party into the M&V Plan ensured the final output created optimum benefit for the University

”

Dr Julian Greaves
Sustainability Manager



KEY BENEFITS

REDUCING RISK OF ENERGY PERFORMANCE CONTRACT THROUGH M&V DUE DILIGENCE

An Energy Performance Contract (EPC) is one solution to the challenges of procuring and funding large scale multi-site, multi-measure energy efficiency and renewable energy projects across a client portfolio.

By entering into a guaranteed savings EPC agreement an organisation is able to mitigate the risk involved as energy savings are guaranteed.

Vital to the successful achievement of these guaranteed energy savings is the measurement and verification of the savings created. Carbon Credentials works as a trusted third party M&V partner to support the effective delivery of verified energy savings from an EPC.



TRUSTED EXTERNAL SUPPORT

Utilising a trusted third party to conduct an independent review of the process



ENERGY AND CARBON SAVINGS

Confidence that the proposed EPC will deliver energy savings required



REDUCED RISK

Reducing the likelihood of future contractual disputes through expert analysis of M&V process



MAINTAINING MOMENTUM

Ensuring contractual discussions can move at pace by creating comfort on savings analysis



By
BEN HART
Senior Energy Performance
Consultant





I'm very pleased with the way the support from Carbon Credentials has worked, with the clarity it has bought, the advice given and the professionalism of the team. By bringing a trusted third party input into the M&V Plan development I can be confident that the final output creates optimum benefit for the University.

Dr Julian Greaves
Sustainability Manager



www.carboncredentials.com

BACKGROUND



Bath Spa University (Bath Spa) procured an Energy Performance Contract (EPC) to upgrade their University portfolio, deliver energy and carbon savings, and achieve carbon targets.

Bath Spa undertook an OJEU-compliant, competitive tender process, and engaged with Schneider Electric (Schneider) to complete the Investment Grade Audit (IGA).

Bath Spa approached Carbon Credentials to provide an independent 3rd party review of the proposed Measurement and Verification (M&V) process. Schneider's EPC is targeted to save 1,000 tonnes of carbon emissions per year with a 10 year payback, and it was important to the University that they could be confident in the annual savings created.

PROCESS



Bath Spa University sought to reduce risks within the contract through the development of a robust and effective M&V plan.

Carbon Credentials reviewed the proposed M&V sections of the EPC and the Guarantee-phase elements of the contract that covered the planning and on-going calculation of savings created by the EPC. Areas of concern were identified and solutions were provided on how to reduce risks in these areas.

OUTCOME



Carbon Credentials' support gave Bath Spa University the confidence to fully engage and sign off their Energy Performance Contract by providing a thorough understanding of potential challenges within the contract and proposed mitigation scenarios for these. Continuing M&V support will ensure all parties are able to work together to develop a successful carbon reduction project.

