



## Case Study

# Barnsley Metropolitan Borough Council

**Zebracarbon worked with BMBC and Local Partnerships (framework owners) to define the project and issue a soft market test with several EPC service providers showing a keen interest.**

The project also involved upgrading the site gas supply and represented an investment of £1.4 million. The centre, operated by Barnsley Premier Leisure finally became 'coal-free' in November 2020 saving an estimated 1,500 tonnes CO<sub>2</sub>e per year.

### Gaining Best Value for Money

Evaluation of the financing models for the capital investment required for the project. By using our experience and business case projections over 20 years we were able to advise BMBC that the 'discounted energy finance model' often offered by CHP suppliers, did not represent best 'value for money' and that prudential borrowing using the advantageous rates available under the Public Works Loan Board (PWLb) to invest in the project was the recommended option.

Based upon this appraisal BMBC chose to utilise the REFIT energy performance contracting framework to develop the project to ensure performance and guarantee energy use, cost, and carbon emissions savings.

### Project Development

Zebracarbon worked with BMBC and Local Partnerships (framework owners) to define the project and issue a soft market test with several EPC service providers showing a keen interest.

This led to the development of an Invitation to Tender (ITT) which involved close liaison with Local Partnerships and BMBC legal teams to develop a suitable EPC draft contract against which bids would be made. Zebracarbon organised and led the bidders' day on site in partnership with senior BMBC staff.

### Contracting

After the bids were received Zebracarbon worked alongside BMBC to moderate and review scoring against the pre-determined criteria. Once the contract had been awarded, Zebracarbon technically and commercially reviewed the investment grade proposal (IGP) presented to BMBC.

Following the delivery of the report and agreed adjustment with BMBC, the IGP formed the basis of the detailed design and delivery of the project. The ongoing operational and maintenance costs (including probable CHP engine re-build during the 20-year EPC term) were also agreed together with a measurement and verification (M&V) regimen to 'lock-in' carbon savings.