Working in partnership with Brooke Weston, Ormiston, and Leigh Academy Trusts, eo consulting have created a standard for collecting condition, energy and compliance data so that user friendly business intelligence dashboards can be created that enable reporting and benchmarking to be done within and across MAT's and allow data to be analysed by asset, element and priority to aid strategic estate investment planning. A brief description of the process and benefits are summarised below.

Example dashboard on estate condition data using real but anonymized academy data across several Trusts can be accessed by logging on to eo consulting's Business intelligence portal at www.eoconsult.co.uk/

Username | ttn@eoconsult.com **Password |** Demonstrat!0n

Process

A standardised data capture template, which can be used by different proprietary survey software tools, ensures all information is captured in a uniform manor, this enables easy aggregation and reporting.

From standardised capture the data can be imported into eo consulting's Business Intelligence Portal and stored securely.

There are a number of standardised reporting views that have been used by Brooke Weston, Ormiston and Leigh Academies trust to analyse condition, benchmark and compile packages of work.

This data can then be exported, updated and then reuploaded in the eo consulting's portal to edit a duplicate set of data, to enable comparison of the data collected by surveyors against works completed.

Benefits of the EO Report Portal

No additional software required, the business intelligence reports are built into a website that can be accessed via all browser types.

Continuous development to ensure the latest reporting features.

One place to upload new data and view a variety of reports.

Benefits of Dynamic Power BI Reports.

Our approach to the management of data is to make the dashboards engaging and empowering, allowing users to interrogate their data so they can easily make evidence-based decisions rather than spending hours pulling together data from a variety sources such as spreadsheets and/or pdf reports.

The analytical tools we have developed can slice and filter through a range of user interfaces such as drop-down lists, tick boxes, sliders or by simply clicking on a mapped location.
The interface allows users to filter by a range of factors such as building age, location, condition grade, priority, and residual life of an element. You can look at condition element data by block, room or groups of rooms.

For example, within a few clicks one can see the roofing lifecycle for sites within a specific region and then filter down to see which of those elements are in condition D and C.
Dynamic benchmarking can then compare all the selected sites by cost per metre squared, cost per pupil or cost if the school was at full capacity.

All charts and graphs in the report are dynamic and change based on selected, there is also the ability to cross filter between charts, for example, select D Elements in one pie chart and roofing in another to see roofing elements in D condition.

eo consulting have also built a number of calculation fields, at both the high and granular level this gives a viewer the ability to see total cost, the flat line spend over the number of years selected, and how this compares to a trust's School Condition Allocation as well as the rebuild cost.

Once the data has been filtered it can be exported to excel and the visualisation enlarged and printed as a pdf. In addition, a natural language report writer has been included to give a quick narrative of the dynamic results and such analysis can be exported to word documents or emails.

Being able to filter the data quickly in this way and report out saves hours of time in excel or in any other software tool. All reports work intuitively and require minimal time to learn how each page functions.

A key advantage of being able to combine and cut the data up makes it easy to build work packages within a trust or between trusts to achieve greater procurement efficiencies.