

Benchmarking towards CRC

Clear the air with Carbon Estates



CADmeleon
Making Leaner, Greener Business

Carbon Estates



“ Carbon Estates has been developed taking into consideration recognised energy calculation standards. ”

The software incorporates a number of functions that allow you to control and monitor large estate portfolios including:

- Compare asset and operational values
- Benchmark property against its optimal self and other similar buildings
- Identify good and poorly performing buildings
- Track progress towards CRC targets
- Comprehensively report on an estates performance
- Simulate retrofitting projects
- Identify available funding - building a case for larger works (CEEF)

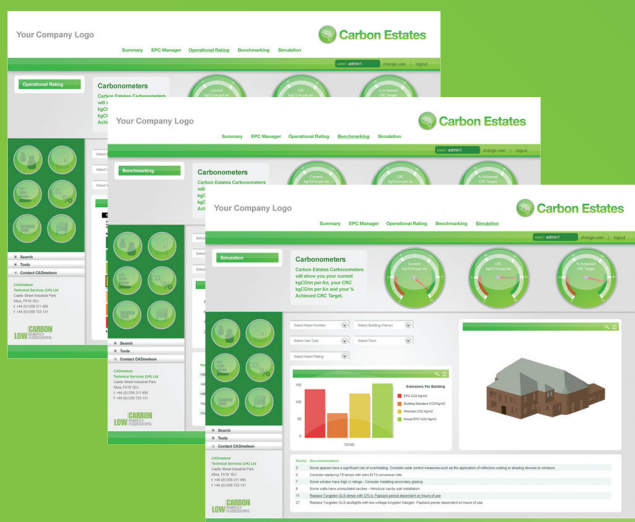
Carbon Estates

Energy managers committed to reducing carbon output and increasing energy efficiency need the right tools to analyse energy consumption and carbon output, its operational efficiency and be able to benchmark CO² across the built environment.

Carbon Estates is a system that CADmeleon have created for benchmarking energy use and carbon output in the built environment. It has been developed using existing legislation and protocols to benchmark carbon output by measuring its operational CO² emissions against that of the assets optimum performance CO² emissions.

One of the key features of this software is the inclusion of the virtual retrofitting tool which allows energy managers to compare buildings performance and project forward on virtual improvements without capital risk. By using this software you will be able to quickly and accurately report and plan future carbon reductions in your built environment portfolio.

Carbon Estates enables access to all asset and operational data from one location while allowing



“ Carbon Estates provides added value through the process which is quick and efficient and allows you to create a custom fit solution. ”

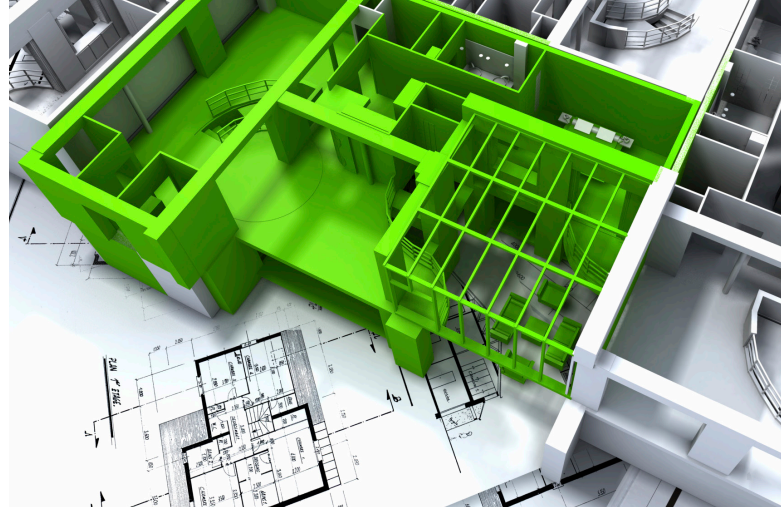
benchmarking of buildings based on size, location, use and type as well as allowing virtual simulations of retrofit projects without the timely cost implications of pilot programs.

Carbon Estates enables:

- Virtual retrofitting of recommendations to the existing estate.
- Tailored reporting of projected data
- Visualise projected carbon reductions
- Compare alternative projected models
- Present proposals for alternative retrofit programmes
- Optimise spending and achieve CRC targets

Benchmarking within Carbon Estates allows you to clearly see your estates progress towards its carbon reduction commitment (CRC), whether it be to report on performance to date, investigate part of the estate or support the business case for the right type of spending and payback period for CRC projects.

For further information on Carbon Estates please visit www.co2estates.com or email info@cadmeleon.co.uk



CADmeleon's Green Asset Management Solutions

We believe that energy efficiency in existing buildings will become operationally critical in asset management terms under CRC in the coming years. Therefore the way buildings are valued, maintained and sustained will need to change to embrace efficiency and renewable measures as a real alternative. This can be achieved at the condition survey process. CADmeleon offer a new blend of cyclical, stock condition surveys along with a CIBSE accredited energy audit from a single visit. A survey by a CADmeleon Low Carbon Consulting Engineer provides a CRC balanced outlook at the future of the built environment and gives energy and asset professionals informed choices on:

- Calculating real asset values
- Weighing up prolonged fix versus retrofit or refurbishment
- Paybacks on energy efficiency projects
- Measures and management against CRC commitments
- Benchmarking of buildings by type, age, use
- Acquisitions and disposals



LOW CARBON
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