

Cut your construction site costs and environmental impacts



Saves time and money | Enhances performance management | Reduces environmental impacts

BRE SMARTWaste is an online construction site monitoring and reporting tool that will help your business to manage and reduce resource use, waste outputs, impacts and costs

Key features and benefits

Saves time and money



SMARTWaste helps you to cut costs through targeted and achievable reductions in resource use and waste. It saves time by storing all of your project consumption and waste records and other evidence in one secure location for instant access whenever and wherever you are.

Simple to use



The user-friendly online platform allows you to manage and access all your company and project information in one place. If you have any questions, a dedicated UK telephone and email helpline is available Monday to Friday to personally help you and all your users to get the very most from SMARTWaste.

Improves records access



SMARTWaste gives 24/7 access wherever there is internet availability. The multi-user platform enables you to control access to company and project information easily with secure multi-user access levels. With SMARTWaste you can manage Duty of Care waste management records to ensure compliance and accuracy of waste reporting with complete transparency and auditability.

Enhances performance management



As a SMARTWaste user you can view and download company and project level reports instantly to examine performance. SMARTWaste KPIs track and compare real-time project performance across multiple-impact areas from real-life verified project data. In addition, the tool allows users to add modules to measure other site impacts, and the SMARTWaste Calculator gives estimated waste forecasts for new-build construction projects.

Reduces environmental impacts



SMARTWaste demonstrably reduces a project's environmental impact by cutting waste, improving site management, and reducing energy, water, materials and transport use. For projects being BREEAM assessed, this can be tied in with relevant credits across these areas to maximise the BREEAM rating.

Easy to get started



Concise easy-to-follow online video tutorials help users to get started with the basics of SMARTWaste. In addition CIWM accredited face-to-face training courses can provide a practical hands-on introduction to the tool.

A variety of membership packages – Bronze, Silver and Gold – are available off-the-shelf to suit your needs and budget.

SMARTWaste users saved
£1.2m in **2014**

On average SMARTWaste users
have reduced related costs by
£12,000 per project

SMARTWaste users have
reduced waste generated
onsite by over **40%**

SMARTWaste has been used on
more than **14,000**
projects valued at
£125 billion

BRE SMARTWaste measures **all** your site based resource use and waste in **one** easy to use and accessible tool

The image illustrates the BRE SMARTWaste software interface on a computer monitor and a tablet. The monitor displays a dashboard with a bar chart titled "BRE SMARTWaste Membership Guest Account CO2e by Month and Source". The chart shows CO2e emissions in kg CO2e/kg for various months from Feb 2013 to Jun 2015, categorized by source: Electricity, Gas, Fuel, and LFO. The tablet shows a similar interface with a donut chart. Surrounding the devices are seven circular icons connected by lines to the software interface, representing different resource categories: Waste (trash can), Energy (lightning bolt), Water (water drop), Materials (wreath), Transport (truck), Timber (tree), and an unlabeled icon (leaf).

SMARTWaste users outperform the national average on Considerate Constructors Scheme by **11%**

“ What they say

Optimise, which is Mace’s bespoke version of SMARTWaste, helps us ensure compliance and keep track of environmental business critical issues across all of our construction projects. Best practice data visualisation bullet charts help convey a rich story in little space, and clearly show performance against a range of key performance indicators at project, business unit and company level.
Andrew Kinsey, Head of Sustainability - Construction at Mace Group

SMARTWaste users have reduced their carbon impact by **20%**

“ What they say

Since adopting SMARTWaste Kier has achieved a 5% increase in the amount of construction waste it reuses or recycles, and a 20% reduction in the amount of construction, demolition and excavation waste it sends to landfill. **Peter Johnson, Construction Division Sustainability Manager at Kier Group**

SMARTWaste packages available

Our three SMARTWaste membership packages – Bronze, Silver and Gold – have been developed to meet the varying needs and budgets of our members:

	Bronze	Silver	Gold
Waste, Water, Energy & Timber reporting	✓	✓	✓
Telephone/email support	✓	✓	✓
Online video tutorials	✓	✓	✓
Annual SMARTWaste conference	✓	✓	✓
Tool upgrades	✓	✓	✓
Considerate Constructors Scheme reporting	✗	✓	✓
Transport reporting	✗	✓	✓
Materials reporting	✗	✗	✓
Additional company reporting tiers	✗	✗	✓
Face to face training	✗	✗	✓
Maximum number of live projects	10	40	100

This table is indicative only of what members will receive at each membership level, and is subject to change.

“ What they say

Argent are using SMARTWaste on 67 acre Kings Cross development project in central London to consolidate and accurately record project data across our three main contractors. This allows us to closely monitor contractor performance and our impacts of the project in real time, set targets and benchmark ourselves against the wider construction sector. **Lydia Dutton, Environmental Project Manager, Argent (Property Development) Services LLP**

Also from BRE...

BRE YellowJacket – YellowJacket is a cloud-based tool that makes it easy to manage health and safety performance. Whichever industry you are in and whatever size you are, it can help you improve your safety record and meet your quality standards. YellowJacket is part of the BRE family and now associated with SMARTWaste, so users can benefit from both systems. www.yellowjacket.net

Part of the BRE Trust

The BRE Group of companies is wholly owned by the BRE Trust, a charitable organisation representing interests across the built environment sector. The Trust uses the profits made by its companies to fund new research and education programmes that will help to meet its goal of ‘Building a better world together’.

The BRE Trust is a registered charity in England & Wales: No. 1092193, and Scotland: No. SC039320.

More than **180** SMARTWaste members include developers, retailers, contractors, demolition companies, waste brokers and consultants.



CALIBRE – CALIBRE is a site efficiency and productivity measurement tool that diagnoses and quantifies ‘waste’ in man hours of non-added-value time. It identifies who is carrying out work on site and what they are doing, and where, when and for how long. Using this data to target improvements in efficiency reduces costs and increases profits.

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