

Cleaner public spaces

Reimagine cleaner public spaces with Future Street. Bigbelly bins innovative design reduces visible litter, keeps waste contained, and boasts an increased capacity. By creating more welcoming, cleaner spaces, we inspire community pride and promote local economies.











Contained design

Bigbelly bins are your first line of defence against unwelcome pests, ensuring our streets remain clean and safe. Thanks to the forward-thinking design of our containment hoppers, windblown litter is now a relic of the past.

Our design doesn't just stop litter in its tracks. It goes one step further by keeping waste out of sight, contributing to a cleaner public perception.

Reduce litter

Designed with an engaging and bright appearance, our Bigbelly bins serve not just as waste containment units, but also as visual cues for responsible waste disposal. Studies have shown that such visible measures can drive a substantial decrease in littering rates.

Bigbelly smart technology prevents overflows and proactively sends notifications when nearing full capacity.

Inviting public realms

Creating welcoming public spaces is at the heart of what we do at Future Street. We believe that a cleaner environment doesn't just mean less litter; it also fosters a sense of community pride and invites more public engagement.

Whether it's a bustling city centre or a tranquil park, Future Street helps to transform public spaces into areas that everyone can enjoy and be proud of.

Increase peak capacity

Bigbelly units leverage on-demand compaction to effortlessly contain eight times the volume of a standard litter bin. Thanks to their unique design that restricts direct access to the waste, these bins fully utilise their expansive capacity, keeping spaces cleaner for longer.

Maintain spotless spaces even on those exceptionally busy days, such as during summer holidays or peak beach times.



Going green

Reducing waste, increasing recycling and rates to minimising carbon emissions and fostering sustainability, explore how these innovative bins are transforming the world of waste management while making a positive impact on our planet.



Integrated within the Bigbelly unit, our 40w solar panels feature SolarMAX technology for year-round efficiency. Consuming 3-5 watts per day, they prevent overcharging and optimise performance.



Bigbelly deployments bring environmental benefits by reducing traffic. Highcapacity design and smart compaction technology minimise collection frequency, lowering carbon emissions and improving air quality.



By reducing collection vehicle traffic, noise, and air pollution, Bigbelly can actively contribute to a greener environment. With optimised collections, fuel consumption and resulting CO2 emissions can be reduced.



Bigbelly's brightly wrapped bins enhance visibility, driving higher recycling rates. Their standout design boosts participation, leading the way to greater waste diversion and a greener tomorrow.



Bigbelly harnesses solar energy, bringing renewable solutions to our streets. This visible commitment to green technology not only powers efficient waste management but also inspires communities to embrace sustainable living.



Bigbelly integrates seamlessly into third party smart city networks with its open API. This connection fosters intelligent waste management, propelling urban areas towards greater efficiency.

Smart Food Waste

Embrace the future of food waste management with Bigbelly's Smart Food Waste system, a trifecta of high-tech, sustainable disposal solutions. Our solarpowered, secure drop boxes, available in 140, 190, and 240-litre capacities, ensure practicality meets environmental responsibility. An intuitive mobile app guides residents to the nearest bin and unlocks it, maintaining community-exclusive access.

The cloud CLEAN[™] management platform provides live tracking of bin fullness and usage, facilitated by accurate height sensors and clear LED indicators for drop-off points. Designed to deter pests such as rats or birds and offer hands-free disposal with a safety-first foot pedal, these units can be anchored firmly to any surface, making them a robust, smart choice for any locale.

24/7 access for residents

Lower operating cost than curbside

Available in 140L, 190L or 240L configurations

Access via secure Smart Food Waste App



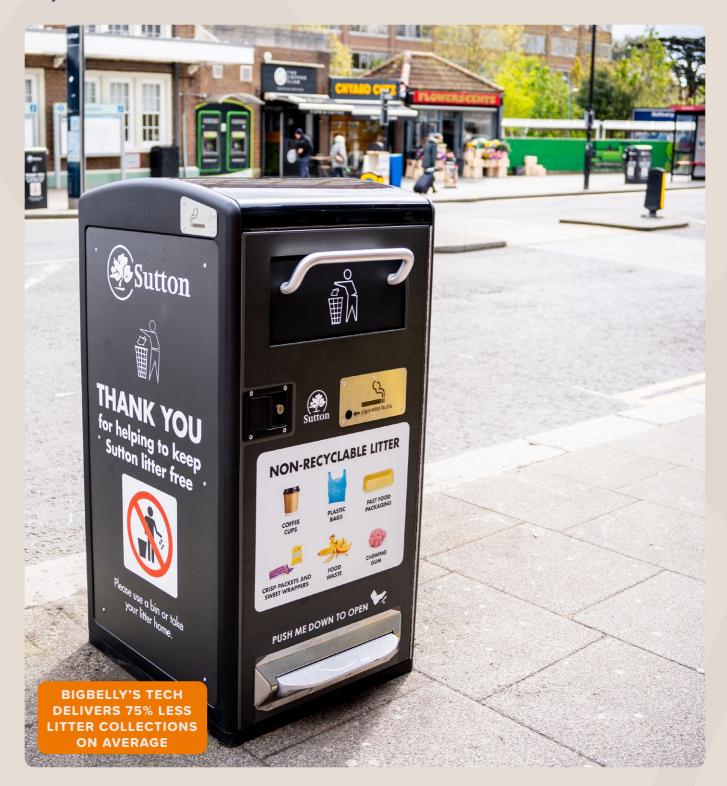
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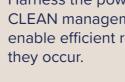
Optimise operations

At Future Street, our innovative technology brings a new level of operational efficiency to waste management. Our Bigbelly bins drastically reduce the frequency of collections, thanks to their enhanced capacity and smart compaction. This significant decrease enables the reallocation of vital resources to areas where they are needed the most.









Step into the future of waste management with a smart, datadriven approach that promotes clean and efficient operations across the board.

Open API integration

Embrace integration with Bigbelly bins' open API. Our bins facilitate seamless connection with other smart platforms and in-cab solutions, keeping you ahead of the curve in today's ever-evolving smart city landscape.

With Bigbelly, your waste management system is not an isolated operation but can be an integral part of your comprehensive smart development journey.

Reallocation of resources

Harness the power of Bigbelly's pioneering technology to transform how you use your resources. Our smart bins can dramatically reduce collection frequency - up to 90%, as evidenced in studies with our current deployments.

This tremendous efficiency frees up both personnel and vehicle resources, moving them away from continuous waste management duties.



Reduced collections

Experience an incredible reduction in collection frequency with Bigbelly bins' superior capacity and smart compaction technology. This results in less time and resources spent on collections, allowing your team to redirect its focus towards other key community services.

With Bigbelly, you're not just improving waste management; you're optimising the entirety of your local services operation.

CLEAN Management system

Harness the power of real-time data with our state-of-the-art CLEAN management system. Instant updates on fill levels enable efficient route planning and prevent overflows before

Engaging communities

Future Street believes in the power of the collective, recognising that clean environments are cultivated not only by the solutions we provide, but also by the communities that utilise them. Our smart bins aren't just receptacles for waste; they're a catalyst for community engagement.











Engage the public

Transforming waste management into a community-driven initiative, Bigbelly bins serve not only as practical solutions to litter, but also as unique platforms for public engagement. They allow you to share important community messages, raising awareness about issues that matter to your residents. By actively engaging the public in this manner, you promote a shared sense of responsibility, helping residents feel more connected to their local community and its betterment.

Fostering pride

Bigbelly bins are much more than just waste containers; they're powerful instruments designed to inspire collective pride. With the ability to carry personalised designs that resonate with the local ethos, these bins have the potential to transform shared spaces into symbolic representations of community spirit. sense of belonging within the community.

Amplify campaigns

Bigbelly bins can be a game-changer when it comes to publicising your local campaigns.

Be it an environmental initiative, a community event or a public service announcement, our bins can effectively carry your message to all corners of your community. By broadening the reach of these messages, you can ensure greater community participation and impact, making every campaign a success.

Personalised artwork

Aesthetics matter, and at Future Street, we know this well. That's why our bins can be customised to feature personalised artwork that resonates with the spirit of your community. In doing so, we're able to transform these everyday items into interactive platforms that not only serve a practical purpose but also enhance the aesthetic appeal of your public spaces.



Meet the Bigbelly range







The Future Street difference

Experience the transformative power of Future Street, where cutting-edge technology meets sustainable urban living. Discover innovative solutions that enhance mobility, connectivity, and environmental sustainability. Benefit from our expertise in delivering tailored solutions, reliable support, and data-driven insights.



We begin our collaboration with an in-depth consultation to thoroughly understand your unique needs and aspirations. This ensures that our solution not only meets but exceeds your expectations, while elevating your local authority's performance in waste management and environmental stewardship.



Working closely with you, our team conducts a meticulous site survey of your public spaces. We then provide a detailed report, encompassing actionable recommendations, potential efficiencies, and a range of benefits.



To showcase the remarkable capabilities of Bigbelly Solar Smart Bins, we offer a costeffective, short-term rental arrangement (typically 6-12 months). This trial allows you to witness firsthand the exceptional efficiencies, cost savings, and unparalleled benefits these innovative bins bring to your environment.











Customer sucess

Benefit from our proven track record and extensive experience with successful deployments in the UK spanning over 12 years. With over 3,000 units installed, we have established ourselves as a market leader. Our strong customer partnerships ensure shared goals and guarantee your success. Trust our expertise and join us on the path to achieving your waste management objectives.

Global presence, local solutions

Experience our world-leading waste solution with a local touch. With over 75,000 units deployed in 60 countries, we have a truly global presence. Our successful deployments range from small coastal towns to bustling cities, working closely with communities to tailor solutions to their specific needs. Collaborate with our team to design a customised approach that aligns with your community's requirements.

Rubbish, experts

Elevate your Bigbelly deployment with our team of unrivaled experts. With a remarkable track record, leading over 100 deployments in the UK market, we possess the know-how to deliver the perfect Bigbelly deployment for your locality. Our dedicated professionals tirelessly conduct surveys and trials, ensuring our expertise is flawlessly applied throughout the entire process.

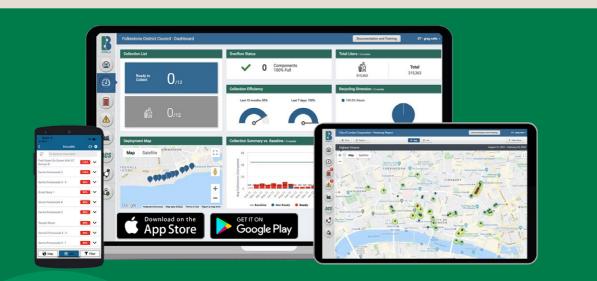
20 Years in the making

For two decades, Bigbelly units have been at the forefront of waste management innovation. As the market creator in solar compactors, Bigbelly's pioneering journey has shaped the industry. With unrivaled experience, we have become the most trusted brand in the field. Our relentless commitment to excellence has resulted in cutting-edge solutions and a track record of success.



CLEAN Software

Discover Bigbelly CLEAN Software: a cutting-edge waste management tool that optimises operations, enhances visibility, and promotes sustainability.



CLEAN is the centralised location from which the system is managed and operational analysis can be carried out. It includes a set of tools for system setup, management, monitoring and optimisation from either a web-based software or mobile app.

Real-time status

Smart stations communicate real-time status directly into the CLEAN Management Console

Auto-generated notifications

Auto-generated email, text, and online notifications indicate which stations need to be collected to drive increased productivity while eliminating overflows and unnecessary collections.

Optimise collection routines

Users can optimise collection routines, measure and benchmark operations, and identify location-based waste patterns (volume, fill rate and collection activity) across a Bigbelly smart waste fleet.

Industry leading reporting

The CLEAN Management Software is the cornerstone of the Bigbelly smart waste & recycling system, providing full visibility into an entire Bigbelly deployment with an advanced suite of reports.

- Collection summary
- Collection efficiency Heatmaps
- Greenhouse gas emissions

- Daily collection activity

- Ready to collect frequency
- Group benchmarking
- Collection response time
 - Account overview

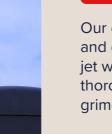
Service Agreement

A service agreement with Future Street offers numerous benefits for those utilising the Bigbelly Smart Waste & Recycling System. Some of these benefits include:













At Future Street, our service agreement package includes 5 years onsite warranty and comprehensive nationwide engineering support. By combining our service agreement package with our proven BigBelly hardware and CLEAN management software, you have the peace of mind that your BigBelly units will continue to perform at their optimal level.

FUTURE STREET **Bigbelly**

Maintenance Visit

A regular maintenance visit for your Bigbelly bin is a crucial component in keeping it in top working condition. Our 27-point check covers all the important parts of the bin, including the battery, core components, locks, and weather seals.

External clean

Our external clean package offers both aesthetic and operational performance benefits. A power jet wash, along with a disinfectant, is deployed to thoroughly clean the bin's exterior, removing dirt and grime while killing bacteria and extending its life.

Anti-bacterial treatment

An anti-bacterial coating is applied to the hopper and handle which significantly reduces the risk of cross-contamination from any germs and bacteria. The coating is long-lasting and effective, providing enhanced protection against the transmission of bacteria and other micro-organisms.

Warranty & Repairs

Southampton city council

CASE STUDY - PROJECT START DATE 2021 - 186 UNIT DEPLOYMENT

Southampton City Council is leading the way in sustainable waste management with its innovative scheme deploying 186 Bigbelly bins. These bins have much higher capacity than traditonal bins, not only keep the streets cleaner by containing waste but also reduce the number of collections, vehicles on the road, and miles driven.

Why did Southampton City Council (SCC) choose Bigbelly?



Objectives

- Enhance city centre appearance
- Reduce service requirements
- Reduce littering
- Move to a data driven collection system
- Area monitoring capabilities
- Potential advertising revenues

Approach

As part of the Greener City Charter, SCC looked to the market for a solution to reduce collection vehicles by increasing on street capacity. It also wanted to decrease street clutter and digitise its street cleansing operations



9,000

collections per month

8X

Higher peak litter capacity

80%

Drop in vehicles assigned



AND CIGARETTE BUTTS 🍐 southampton.gov.uk/nobutts



"We're working to make our city greener, fairer and healthier. Our investment in these new hi-tech solar bins enable us to take five times more rubbish than our standard bins and to know digitally when it needs to be emptied. This is more efficient, saves time, keeps our streets cleaner and reduces pollution, which endangers wildlife.'

> Councillor Steve Laggett Cabinet Member for Finance & Change

Solution

Southampton City Council recognised the need to improve their waste management services while maintaining the city's appeal and reducing littering. As part of their forward-thinking strategy, they deployed 165 Bigbelly HC5 stations across high streets and parks. This innovative waste management solution allowed the council to adopt a data-driven collection system, ensuring efficient use of resources while enhancing the city's appearance. In addition, a 7.5-ton side-loading vehicle was purchased to support the collection operation, enabling crews to focus on addressing other pressing issues, such as fly tipping, graffiti removal, and detritus removal.

With Bigbelly's smart waste management capabilities, park crews were freed up to concentrate on horticultural roles, organic cleansing, and general repairs. The move to a data-driven collection system allowed the council to monitor and manage waste collection more effectively, ensuring optimal resource allocation and improved waste management across Southampton's busy streets and parks.

Results

The implementation of Bigbelly HC5 stations and a more efficient waste collection system led to remarkable results for Southampton City Council. Collections were reduced by 9,000 per month, demonstrating the efficiency of the Bigbelly system. The stations also offered an 800% higher peak litter capacity compared to traditional bins, significantly reducing the frequency of overflowing bins and keeping the city centre cleaner.

In addition to the significant increase in capacity, the council experienced an 80% drop in vehicles assigned to litter collections. This reduction in vehicle usage contributed to a decrease in emissions, leading to a more environmentally friendly waste management approach. The successful deployment of Bigbelly stations in Southampton demonstrates how cities can modernise their waste management services, enhance their appearance, and make a positive impact on the environment while reducing costs and optimising resources.



London Borough of Sutton

CASE STUDY - PROJECT START DATE 2019 - 110 UNIT DEPLOYMENT

Amidst a growing population of 204,525, the London Borough of Sutton is taking transformative steps to reimagine its urban landscapes. After the Climate Emergency Declaration in 2018, the council is turning towards innovative and environmentally responsible solutions. The recent initiative to install Bigbelly smart max compactors in key areas, such as train stations and high streets, is an illustration of this commitment.

Why did the London Borough of Sutton choose Bigbelly?



Objectives

• Urban aesthetics and cleanliness

The council embarked on a mission to revitalize public spaces by decluttering and enhancing their aesthetic appeal.

Environmental sustainability

In response to the declared climate emergency, this project focused on reducing emissions and improving air quality.

Effective waste management

The new compactors weren't merely a replacement for the traditional bins. With their increased capacity and smart technology, they provided a way to expand recycling efforts without increasing the borough's physical footprint

Operational efficiency

The advanced capabilities of the Bigbelly compactors encouraged a positive shift in the operatives' approach to their work, allowing them to better understand and prioritise their workload, resulting in enhanced service quality.



91%

Fewer litter collections, reducing collections by 133,449

47%

Reduction in street clutter

40%

Reduction in litter related complaints

Results

Sutton's introduction of Bigbelly units significantly advanced their Cleaner & Greener Programme. The datadriven system elevated borough waste management to unmatched efficiency levels. Replacing 114 regular bins with 60 Bigbelly units reduced street clutter by 49%. Despite fewer bins, waste capacity improved due to Bigbelly's design. This led to 133,449 fewer waste collections in three years. Old bins were reused, highlighting the project's resourcefulness. Residents noticed tidier streets, resulting in a 40% drop in litter complaints. The units also cut vehicle emissions and incorporated a data-centric approach using Bigbelly's API. Sutton now ranks first in UK Bigbelly efficiency. This initiative underscores the success of strategic planning, training, and community engagement.

"We chose Bigbelly to help drive innovation and deliver better value for our residents. By reducing the impact of litter in our local community, we've not only improved the efficiency of waste management but also significantly enhanced the aesthetics of our streets. The power of data has allowed us to manage our services more effectively, offering a cleaner and greener environment for Sutton."

> Nicholas Sims Waste & Street Cleansing Manager

Solution

The Sutton council adopted a phased, datainformed strategy to integrate Bigbelly smart max compactors. It began with a proof-of-concept phase, introducing 8 compactors and using feedback from this pilot to shape further deployment. The success of this phase led to the council installing 60 compactors across the borough.

In a significant decluttering move, 114 traditional bins were replaced by these 60 high-capacity smart compactors. This approach improved aesthetics, enhanced waste management efficiency, and curbed the previous issue of overflowing bins. The council's solution effectively merged technology with local expertise to create a more efficient, sustainable waste management system.



"As part of Sutton's commitment to combat the climate emergency and drive towards net-zero emissions, we see waste minimisation as a crucial element. The integration of Bigbelly compactors is more than just an upgrade - it's a vital step in delivering a sustainable and significantly improved service for the residents of our borough. This initiative marks our determined stride towards a greener future."

> Paul Brockwell Head of Waste and Street Cleansing



CASE STUDY

POPULATION 198,590

Aberdeen city council

CASE STUDY - PROJECT START DATE 2011 - 83 UNIT DEPLOYMENT

Aberdeen is embracing the future of waste management with the installation of 83 "Big Belly Bins" in its city center. This initiative, features Bigbelly bins equipped with waste compactors and wireless technology. These bins need less frequent emptying, prevent overflowing, and provide real-time information improving efficiency.

Why did Aberdeen City Council (ACC) choose Bigbelly?



Objectives

- Reduce bin collection costs
- Eliminate overflowing bins
- Eliminate weekend collections
- Eliminate birds & vermin scattering rubbish across streets, parks and beaches
- Reduce street cleaning and litter picking requirements







93% Fewer litter collections,

35.428

Operative hours saved

708.763

the course of 11 years.

Results

Over the course of a decade, Aberdeen City Council (ACC) has efficiently collected a staggering 17 million litres of general waste, thanks to the strategic deployment of 63 HC4 and 20 HC5 Bigbelly stations throughout the city. In total, ACC has carried out 55,637 collections, averaging at a remarkable rate of fewer than eight collections per unit, per month. This streamlined approach has led to cleaner streets, more efficient waste collection processes, and a high return on investment for the council.

ACC has been an ardent advocate of the Bigbelly system, consistently reaping the benefits it delivers day after day for over 10 years. Their commitment to improving waste management and environmental sustainability is further demonstrated by their ongoing investment in upgrading their current fleet with the advanced HC5 stations. This dedication to innovation ensures that Aberdeen remains at the forefront of efficient and sustainable waste management practices, benefiting both residents and the environment.

"Not only is it solving age-old problems with litter collections and vastly improving efficiency, but it is also putting new technology into the centre of the city and ensuring Aberdeen is leading the way."

> Allan Henderson Aberdeen Inspired

Solution

Following a successful three-month trial, which received favorable responses from both residents and crews, Future Street conducted a comprehensive site survey and subsequently presented the findings to ACC. In response, the council proceeded to install 63 high-capacity Bigbelly stations in bustling areas throughout the city centre, ultimately replacing over 120 conventional litter bins that had previously required emptying twice daily.

The cutting-edge HC5 unit, designed with a secure enclosed aperture, effectively prevents vermin access, and ensures easy, safe, and secure disposal of street litter, while also reducing the occurrence of commercial dumping.



By implementing Bigbelly bins, Aberdeen City Council has not only streamlined their waste management process, but also contributed to a cleaner and greener environment, bolstering the city's commitment to sustainability and the well-being of its residents.



CASE STUDY

SKANSKA (NHS)

CASE STUDY - PROJECT START DATE 2013 - 35 UNIT DEPLOYMENT

Why did Bart's Health & Skanska choose Bigbelly?

Objectives

- Existing bin stock was under review
- Current staff arrangements for collecting bins
- Unknown collection requirements across 6 sites
- Digital monitoring requirement
- Drive for sustainability and efficiencies through innovation



SKANSKA	
Barts Health NHS Trust	IHS



60%

Clutter reduction - leading to better aesthetics, and a safer, welcoming atmosphere for all

11.736

Hours reallocated allows staff to focus on crucial tasks, boosting service levels and overall efficiency

234,727

Fewer collections result in reduced vehicle costs, and a positive

Barts Health is one of the largest Trusts in the U.K. and has always been at the forefront of sustainable practices and the drive by the NHS to be net zero by 2045. As Barts Health Total Waste Management partner, Skanska U.K. were pleased

to install the innovative Bigbelly Solar Smart bins at Barts in 2013. Since this time, these hi-tech solar powered bins have enabled Barts to take significantly more rubbish than traditional street bins, it has made the public areas much safer, cleaner and more environmentally friendly.

> Jeremy Blayney Deputy Project Manager, Skanska UK

Solution

In 2013, Barts Health NHS Trust took a pioneering step by becoming the first Trust to install 35 solarpowered Bigbelly compacting waste bins. These innovative bins boast the capacity to hold up to 10 times more waste than a standard bin, securely storing the contents until emptied. As a testament to their ongoing commitment to sustainability, Whipps Cross Hospital installed four additional Bigbelly bins in 2017 to mark the hospital's 100-year anniversary.

With nearly a decade of service under their belt, both Skanska and Barts Health have experienced the true value of these intelligent and dependable units. The Bigbelly bins have contributed to reducing vehicle movements, which in turn has positively impacted carbon emissions and air quality. Furthermore, the bins have increased operational efficiencies and saved time, ensuring that Barts Health's public spaces remain safer and cleaner. By securely containing waste, the Bigbelly bins also minimise the detrimental effects of loose litter on the local environment and wildlife, showcasing the wide-ranging benefits of this sustainable solution.

Results



The implementation of Bigbelly bins has yielded impressive results for Barts Health NHS Trust and Skanska. Emptied typically just once a week, the bins significantly reduce labour costs while ensuring efficient waste management. This streamlined process is facilitated by automatically generated emails sent to the Estates Managers, prompting them to empty the bins as needed.

Over the course of nine years, the Trust has successfully collected an astounding 3,512,457 litres of waste, with a remarkable 92% reduction in the number of collections. Furthermore, the Bigbelly bins have contributed to a 60% reduction in street clutter, greatly improving access and navigation on busy sites. This effective waste management solution has enabled the reallocation of 11,736 hours of operatives' time, allowing for enhanced service levels and the opportunity to focus on other vital tasks. The Bigbelly bins have undoubtedly had a transformative impact on the waste management practices at Barts Health NHS Trust and Skanska, leading to long-lasting benefits for both the environment and the community.





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