Environment

from waste to resource

FCC Environment

Sustainability Report 2018





Welcome to FCC Environment
from waste to resource



United Nations
Sustainable development goals

The United Nations has adopted 17 global goals to build a better world by 2030. Together with our employees, customers and partners, we are contributing to many of the goals, from clean energy to sustainable cities and climate action.

Paul Taylor
Chief Executive Officer
FCC Environment UK

Foreword

We have elected to use the Global Goals for Sustainable Development to help frame and measure our business progress. FCC Environment is responsible for managing resources sustainably and maintaining public spaces for people to enjoy. Our role within the communities we serve has relevance to the Global Goals, as we seek to strengthen partnerships and deliver year-on-year improvements for and with our employees.

As our presence grows throughout the UK and we supply increasing recycling and renewable energy capacity, we are committed to a rigorous approach to reduce the impacts of our operations. We will continue to invest in developing our people, greening our fleet, and helping build resilience into the nation's infrastructure.

Our successes are here to be celebrated, as we look ahead to another year of sustainable business growth.



United Nations
Sustainable development goal



Who we are and what we do

As a leading resource management company, FCC Environment has an essential role in delivering a resource-efficient, resilient Britain.

In support of the government's clean growth ambitions, FCC Environment is driving eco-innovation and the development of systems and infrastructure for a robust circular economy.

Our business is focused on reducing our carbon emissions and our subsequent impact on global climate change. Our research and development into low-emission and electric vehicles is industry-leading and we invest significantly in reducing our carbon footprint and enhancing biodiversity across our sites.

We are helping shape the policy landscape, ensuring that our people, systems and strategy remain forward thinking and focused on delivering excellence. We are building exemplar facilities across the country, from community-based repair and re-use workshops to major energy recovery facilities, alongside impactful street scene and wider facilities management services.

Our people, as ever, remain central to all we do and they remain our priority. We continue to invest in a wide range of schemes from apprenticeships and graduate development to an industry-leading health and safety culture. The wellbeing and development of our workforce is pivotal and we are in no doubt that our business successes are achieved through the outstanding contributions of our teams, working to help the nation waste less and recycle more.



Business & Municipal Services
FCC Environment provides a wide range of environmental services across the UK and delivers a superb level of service to both business and local authority customers. Our facilities manage commercial, industrial, municipal and third party waste, ensuring consistent throughput and a thriving business model.

Recycling
Our award-winning household waste recycling centres and materials recovery facilities provide the highest quality materials for reprocessing into new products. Our food waste processing capacity provides valuable green energy and returns nutrients to British farmland, supporting a restorative, circular economy.

Green Energy
Our energy recovery capacity continues to grow, helping keep Britain's lights on without costing the earth. The heat and electricity generated by our facilities replaces the need for fossil fuels and imported energy, while providing a safe and sustainable disposal route for non-recyclable wastes.

Waste Processing
We provide a fully comprehensive service to all our customers, managing complex and hazardous waste streams as well as providing advice on compliance, waste reduction and circular economy opportunities. Our customers value our cost-effective, trouble-free and dependable service.

FCC Environment in numbers

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"We are one of the UK's most trusted resource and waste management businesses. We hold over 100 contracts with some 60 local authorities up and down the country recycling more than 1.6 million tonnes of waste each year."

Steve Longdon,
Regional Director for FCC Environment

FCC Environment has:

2,426
employees

100
Over 100 major contracts with a total of 60 local authorities

280
UK sites, of which 166 are operational

6,000
business waste customers

7
7 PFI and PPP contracts (Wrexham, RE3, Lincolnshire, Mercia, Buckinghamshire, Allington, Edinburgh and Midlothian)

3,500
customer accounts

4,000
customer sites

In addition:

1.6m
We recycle 1.6 million tonnes of waste every year

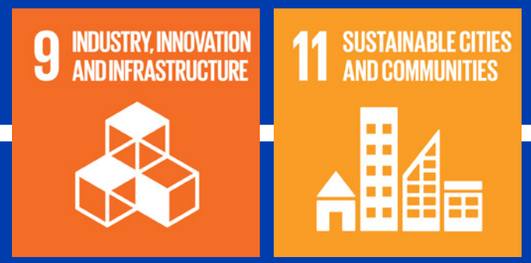
102MW
Our facilities generate 102MW of green energy (not including the Millerhill RERC Facility)

1m
We recycle 1 million tonnes of wastewater every year

Newly operational:
Our energy from waste facility at Edinburgh and Midlothian will export an additional 12.04MW to the National Grid, equivalent to the energy needs of 27,000 households. It also has the potential to supply up to 20MW of heat to local district heating networks to meet the needs of up to 10,000 homes.

Highlights & Investments

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A year's progress

July 2018

We were the first UK waste management company to be **awarded ISO45001**, an occupational health and safety standard developed by the International Organisation for Standardisation (ISO) and awarded by the British Standards Institution.

"A lot of people take ISO status for granted, but they're the keys that open the doors for new business – and a sustainable and successful future. Without these, we Don't Pass Go."

Paul Stokes,
Head of Safety, Health, Environment and Quality

Continued »

A year's progress

October 2018

We won a **National Recycling Award** for our work in partnership with Barnsley Metropolitan Borough Council and Cycle Penistone. Andrea Lockerbie, Associate Editor of MRW, said: **"This year's winners showcase the innovation and creative thinking being applied by those who are leading the way in the field of resource and waste management. There is a lot that others can learn from them."**

Our Learning and Development team introduced a new **Competence Management System** to monitor and measure our knowledge and skills base. On completing the system, we were awarded a Certificate of Approval from Lloyd's register and will undergo annual audits to keep us aiming higher.

"Everyone has been supportive, from the senior executives right down to the candidates"

Angie Burgess,
Learning and
Development Manager



FCC Environment receiving a National Recycling Award with Barnsley Metropolitan Borough Council and Cycle Penistone

December 2018

The **MP for Mid Worcestershire**, Nigel Huddleston, was given a warm welcome on his visit to EnviRecover, the Energy from Waste facility in Hartlebury, Worcestershire. Run by FCC Environment and Severn Waste Services, the plant can power up to 32,000 homes and businesses each year, and is drastically reducing the amount of waste sent to landfill.

"We very much enjoyed hosting Nigel Huddleston MP at the facility in Hartlebury – it was a fantastic opportunity to introduce him to the crucial role that Energy from Waste plays in processing excess waste here in the UK".

Julie Fourcade,
FCC Environment's Head
of External Affairs

Continued »

A year's progress



“Our new Christmas tree service brightens even the dullest of office spaces. In the new year we chip and compost the trees, recycling like we do best.”

Lynsey Mardlin,
Head of Sales C&I

December 2018

➤➤ The government published its Resources & Waste Strategy. Paul Taylor, Chief Executive at FCC Environment said: **“It is imperative that we leave our planet in a better state than we found it and we hope that this Strategy goes some way to starting to do that. We look forward to working with government to deliver on the commitments it has outlined.”**

➤➤ FCC Environment's new **Facilities Management Services** had Christmas all wrapped up with some prestigious contracts in Birmingham's business district. Lynsey Mardlin, Head of Sales C&I said: **“Our interior planting service is proving popular with our customers, who recognise that good health and wellbeing in the workplace is important for a healthy, productive business.”**

£100 million
Hertfordshire county council contract win

Contract wins

East Northamptonshire Council – July 2018

FCC Environment signed a new £20 million contract with East Northamptonshire Council to handle waste and recycling in the area. Mark Barnfield, Head of Regional Development, South, says: **“This contract is a welcome addition to our municipal collections portfolio. The client is keen to work with us to evolve the service, as well as learning more about alternative fuel vehicles, using our sector-leading experience from our Spanish operations.”**

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Doncaster Council and Rotherham and Barnsley Metropolitan Borough Councils – September 2018

FCC Environment was awarded the contract to manage household waste recycling centres (HWRCs) on behalf of Doncaster Council and Rotherham and Barnsley Metropolitan Borough Councils. The new three-year contract, with two possible yearly extensions, sees FCC maintain and operate all 14 HWRCs for the councils, which together comprise the BDR Waste Partnership.

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South Hams District – December 2018

South Hams District and West Devon Borough Councils awarded FCC Environment an eight-year contract to provide waste collection, recycling and street and toilet cleaning services. Cllr John Tucker, Leader of South Hams District Council said: **“I am delighted to bring this news to our residents. It not only offers better value for money for the tax payer, but also huge environmental benefits. I am looking forward to working with FCC Environment who are bringing their industry knowledge and expertise into our services.”**

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Suffolk County Council – January 2019

Suffolk County Council awarded FCC Environment a new contract for the operation of its countywide network of 11 recycling centres, with over 1.5 million service users. FCC Environment will bring a greater emphasis on re-use, and also be using enhanced technology on all sites to speed up customer throughput times and support tackling trade waste abuse. Paul West, Suffolk County Council's Cabinet Member for Waste said: **“We are delighted to once again be working with FCC Environment, who have demonstrated they have the experience and ambition to deliver against our targets and work in partnership with us to provide an excellent service for residents throughout the county.”**

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Chorley Council – March 2019

FCC Environment was awarded a 10 year, £26 million contract with Chorley council in Lancashire to provide refuse and recycling collections to more than 50,000 households.

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Hertfordshire County Council March 2019

FCC Environment signed a seven-year contract for the provision of bulking, transfer and waste haulage for Hertfordshire county council, worth an estimated £100 million.

Case studies

Millerhill update
April 2019

The new Millerhill Recycling and Energy Recovery (RERC) Facility became fully operational ahead of schedule, in April 2019. The RERC treats waste from homes and businesses in Edinburgh and Midlothian, while generating enough electricity to meet the energy needs of up to 27,000 households.



“The Millerhill RERC and the neighbouring food waste facility will help the councils contribute to the national targets of 70% recycling and 95% diversion of waste from landfill by 2025.”

Mark Keast,
General Manager

Lostock
March 2019

A £480 million waste to energy project in Lostock, northwest England, has been given the green light for construction by owners Copenhagen Infrastructure Partners and FCC Environment after the project reached financial close.

Once operational, the plant is expected to process around 600,000 tonnes of waste per year, contributing to the goals of the UK government’s resources and waste strategy. Generating 60MW, the energy from waste facility will be among the largest waste to energy facilities in Europe and will power roughly 110,000 homes, offsetting more than 200,000 tonnes of CO_2 per year.

“Today is a milestone for the waste treatment industry here in the UK, which is facing a severe capacity gap for the treatment of unrecyclable residual waste. This development forms an important part of our strategy to continuously invest in the waste related infrastructure that is crucial for this country’s ability to process waste and power homes across the UK, both today and in the future.”

Paul Taylor,
Chief Executive Officer,
FCC Environment UK

Continued »

Case studies

RE3 letsrecycle award
June 2018

The re3 partnership team that includes FCC Berkshire, Bracknell Forest, Reading and Wokingham Borough Councils won "Best use of design and technology in a waste management facility" at the Letsrecycle Awards for Excellence.

"This award was in recognition of the recent investment in the re3 recycling facilities that allowed re3 residents to recycle more plastics than ever before. The upgraded Materials Recycling Facility at Smallmead in Reading will allow the partnership to recycle an estimated extra 2,500 tonnes of plastics a year. Congratulations to the whole re3 partnership team!"

Adrian Clarke,
General Manager at
FCC Environment and
the re3 Partnership

Wychavon vehicle naming
October 2018

Wychavon District Council's new waste and recycling fleet was given a great send-off after residents named the 15 state-of-the-art trucks. Steve Longdon, Regional Director for FCC Environment said: **"We were delighted to throw open the doors of the depot and show the people who named the trucks what their idea looks like above the cab door."** Among the names were "Reggie Refuse", "Sir Trash a Lot" and "The Flying Dustman".



Fengate Household Recycling Centre
Peterborough

FCC Environment designed and built the new Fengate Household Recycling Centre (HRC), which will boost the amount of waste that local residents can recycle. The HRC replaced a facility half its size, and with a roof cover and improved vehicle access, will make it easier for people to use and to recycle more of their waste. FCC will manage the site for the next ten years and is aiming to recycle 70 per cent of the waste that is collected.



"We manage 100 household recycling centres across the country and have drawn upon this extensive experience when designing, building and operating this new facility to ensure that visitors to the site have a good experience."

Steve Longdon,
Regional Director for
FCC Environment

People Focus

The health, safety and wellbeing of our colleagues will always be our priority.

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Health and Safety

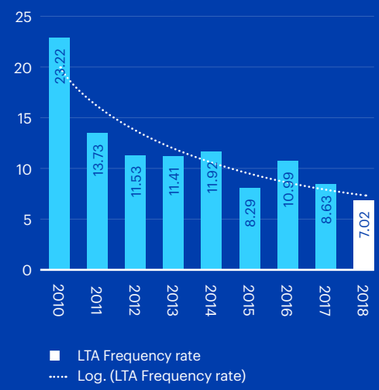
At FCC Environment, we measure the safety of our staff using a key performance indicator of Lost Time Accidents (LTA). This includes any accident which leads to an employee being off work for more than a day which is a common measure in the waste industry and all industries.

From a baseline in 2010, FCC Environment has achieved a 63.81% reduction in Lost Time Accidents and a 69.77% improvement in our Lost Time Accident Frequency Rate.

Lost Time Accidents (LTA)



LTA Frequency rate



Continued »

Health and Safety

Many crucial roles in our business are manual and in public spaces, and as a consequence slips, trips and manhandling injuries make up the vast majority of Lost Time Accidents.

Our priority is the health and safety of our staff in the workplace, and one of our main goals is to strengthen preventative action at all company levels. Each year, FCC celebrates this commitment across its global operations. In 2018, FCC Environment UK was awarded for the prevention of occupational risk. This is the third time we have won this award and demonstrates our ongoing commitment to continual improvement.

There is no room for complacency, however. Reporting on near misses is improving, helping us identify new opportunities to enhance the safety of our workforce.

Our flagship programme "Because" is now rolled out across 80 per cent of the workforce. "Because" encourages managers and employees to improve their safety performance by identifying safety breaches caused by poor behaviour. On completion, we will begin the refresher programme to maintain awareness and compliance with safety procedures.

We are currently in the final year of our "iWill" campaign, which empowers people to take responsibility for the health and safety of themselves, their colleagues, customers and suppliers.

In 2020 we will carry out our Safety Climate Survey to measure our progress, and will then develop a new three-year strategy to keep driving good progress through the business.



FCC Environment UK receiving the award for the prevention of occupational risk

Equality and diversity

2018 workforce demographics



2,426

FCC Environment employs 2,426 people in England, Scotland and Wales

2.13%

Our employee sickness and absence rate remains low

1,555

in 2018 we delivered 1,555 courses to aid professional development across the business

Gender

- 80.75% male
- 19.25% female

Disability

- 1.96% registered disabled

Ethnicity

- 89.36% White
- 6.58% Not specified
- 1.47% Asian
- 1.51% Other
- 1.07% Black

Staff Turnover

- 19.31% our 2018 staff turnover rate

Gender pay update

From April 2017 the government introduced gender pay gap reporting for all companies with more than 250 employees. The gender pay gap shows the difference between the average hourly pay for men and women across all ages, roles and levels. It differs from equal pay which is the right for men and women to be paid at the same rate of pay for work of equivalent value.

Overall our gender pay gap favours females.

	Male	Female
Total % employed	82.21%	17.79%
Median gender pay gap	-3.00%	IN FAVOUR
Mean gender pay gap	-1.86%	IN FAVOUR
Lower quartile	89.20%	10.80%
Lower middle quartile	77.50%	22.50%
Upper middle quartile	80.40%	19.60%
Upper quartile	81.80%	18.20%
Received a bonus in this period	75.67%	86.04%
Median bonus gender pay gap	-86.84%	IN FAVOUR
Mean bonus gender pay gap	-42.48%	IN FAVOUR

Employee surveys

Our employee engagement score has increased again, and is now 7.7 (0.3 higher than the benchmark).

The employee survey helps us understand the priorities and preferences of people who work at FCC Environment. Feedback has enabled us to improve our staff benefits package and respond better to the wellbeing needs of our employees.

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Peer to peer awards

We are committed to making FCC Environment a great place to work. We invest in developing a highly skilled and motivated workforce and ensure our employees are valued.

The latest addition to our employee benefits portal has been a new Recognition feature, which offers both formal and social recognition from the same platform.

Naomi Nightingale, Executive PA and Internal Communications Coordinator said:

"Since implementing this new recognition platform we have had a lot of positive feedback. It seems everyone has taken to it very well and we have found it really bridges the gap with the formal recognition scheme we have in place which is for extraordinary achievements."

Using online, social, peer to peer recognitions, employees can personalise their profile and give a personal public pat on the back to their colleagues, using categories specifically tailored for FCC including: Helping Hands; Great Teamwork; Good Job; and Great Ideas. Managers can then choose to award perks to nominated colleagues via a simple approval process.

Employees can also make formal nominations online for extraordinary achievements, called ABCD awards – Above and Beyond the Call of Duty.

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Apprenticeships

FCC currently has apprentices studying a variety of programmes across the business ranging from Business Administration, Customer Service, Vehicle Maintenance and Repair to Performing Engineering Operations.

Dan Bird, an apprentice engineer, says:

"I really enjoy the teamwork involved on our sites which includes problem solving, preventative maintenance and generally bringing new ideas to the table."

"I believe working with the more experienced maintenance fitters has been a real learning asset and has given me the confidence to follow in their footsteps. My long term goal is to gain a wealth of experience enabling me to undertake any task across all of our sites and to attain HNC level qualification in engineering.

"I believe the support and training being provided by FCC is generally guiding me in the right direction to achieve my ultimate goal. It has also empowered me to develop my knowledge and stretch my skills by allowing me undertake a wide range of engineering responsibilities."





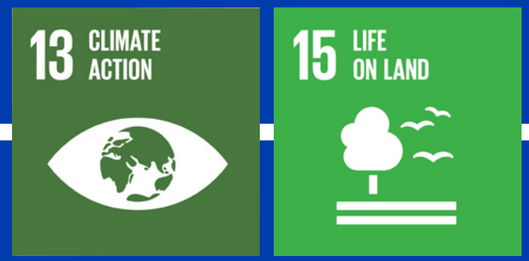
Top: FCC Environment UK being awarded for its approach to Health and Safety

Bottom: Apprentice Daniel Bird

Environmental commitment

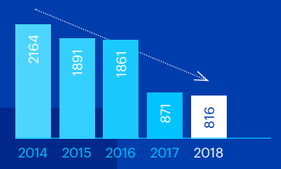
Living up to our environmental commitments has never been more important.

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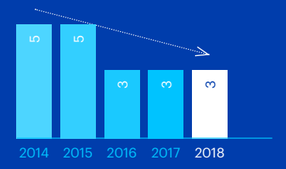


Regulatory compliance

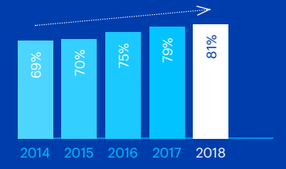
CCS scores ✓



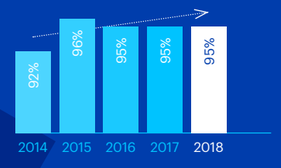
Average no. of notifications per environmental permit ✓



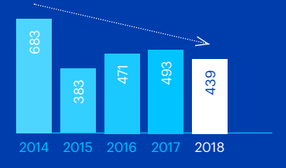
Leachate compliance ✓



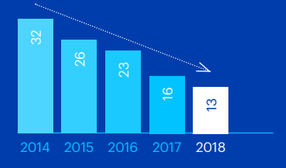
Landfill gas compliance ✓



Environmental complaints by stakeholders ✓



Sites in OPRA band D & E ✓



Environmental achievements in 2018

- Transitioned from ISO14001:2004 to ISO14001:2015 without any non-conformance reports (NCRs) raised.
- Further reduced OPRA band D, E & F sites (now 13) with 0 sites in band F
- Received no enforcement notices in 2018, and had no fines or prosecutions for the 7th year running
- Achieved 5% reduction in permit breaches from previous year's target
- At the end of 2018 our energy usage per tonne of waste processed was 11% lower than at the end of 2017
- The Environment Team continue to develop and deliver internal environmental training and refresher courses, as well as rolling out our new environmental commitment campaign

Carbon footprint

We have an important role to play in reducing carbon emissions and at FCC Environment we continue to make good progress against our commitments.

During the last quarter of 2018 FCC Environment transferred all grid electricity supplies to a 100% renewable supplier of wind, hydro and solar energy.

We are undertaking PV installations and LED refits at our more energy intensive facilities, and at our smaller facilities we are retrofitting LEDs when replacements are required.

ISO50001 continues to drive forward efficiencies across the business.

Gas oil use has once again seen a reduction, with FCC Environment now using 15% less than the previous year. Diesel use has seen a more conservative reduction of 2.5%, offset by the introduction of a number of new waste collection contracts. This data reflects the great work and effort continuing within the business to improve fuel and process efficiencies.

The ISO 50001 energy performance indicator requires us to reduce the use of energy and become more energy efficient. We measure our energy efficiency by using a metric – KPT (kwh per tonne of waste processed). At the end of 2018 our KPT was 11% lower than the KPT at the end of 2017.

Reducing our carbon emissions

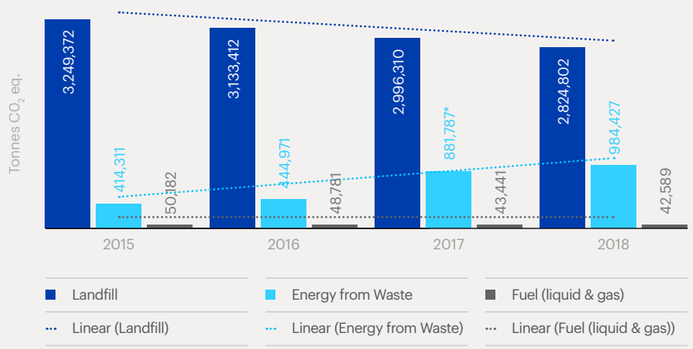
Scope 1 emissions: Direct greenhouse gas (GHG) emissions include CO2, CH4, CFCs & HFCs.

GHG emissions from landfill activities under full operational control, modelled using Gassim, have continued to fall. GHG emissions from energy from waste facilities has increased slightly due to our growing capacity to recover energy from waste, including at Millerhill. Our fuel efficiency programmes have resulted in a further decrease in fuel usage.

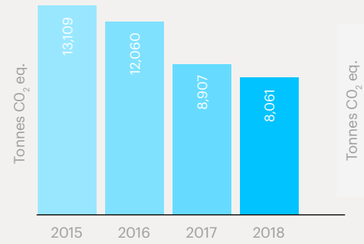
Scope 2 emissions: Our indirect GHG emissions from purchased grid electricity continue to fall. 97% of this is now based on metered data.

Scope 3 emissions: Predominantly from business travel utilising public transport.

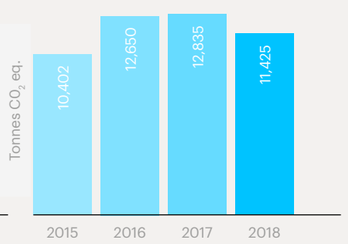
Scope 1 carbon emissions



Scope 2 carbon emissions: electricity

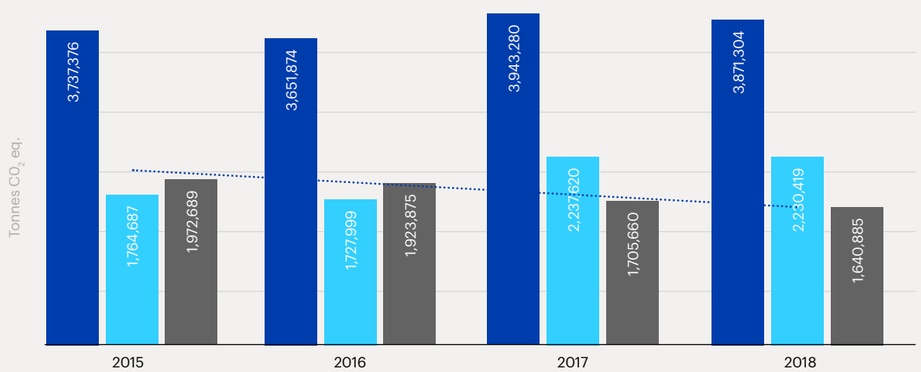


Scope 3 carbon emissions: fuel



Our **outside of scope** figures predominately account for our biogenic landfill and energy from waste emissions in addition to an extremely small element within our diesel and petrol use.

Net Carbon Footprint



All emissions factors and Global Warming Potential (GWP) figures have been taken from the UK Government GHG Conversion Factors for Company Reporting 2018.

* Errors in historic scope 1 EfW reporting have been corrected

Land restoration

We have completed **65 hectares** of grass seeding works as part of our long term commitments to restoring historic sites. At each site, we choose species that will complement existing local habitats and land uses.

Moore Nature Reserve
Arpley landfill

Comprising 80 hectares of woodland, wetland and grassland, Moore nature reserve is a haven for wildlife and a popular resource for local people and visitors. Located just south of Mersey and close to Warrington, its habitats include lakes, ponds, reed beds, meadow, scrub, woodland and parkland. The site is home to a wide variety of wildlife and is well known for the diversity of bird species it attracts, providing plenty to see year-around.

Diverse wildlife: Some brilliant wildlife species can be found on Moore nature reserve. Butterflies such as white-letter hairstreak, purple hairstreak and ringlet are resident on site. Great-crested newt, badgers, stoat and a large number of bat species are also present.

The flora is equally diverse, with native bluebell carpets, bee orchid, marsh orchid, marsh helleborine and round-leaved wintergreen making up just some of the summer wildflower display.

There are also many fascinating species of dragonfly and damselfly, fungi and lichen present on site.

Rare birds: Visitors can see all three breeding British species of woodpecker, with the rarest lesser-spotted woodpecker breeding on site. Woodpeckers are drawn to the wet woodland habitat, consisting of many dead and dying oak and alder trees, which provide ideal nesting and feeding conditions. Moore remains the best place in the north west to see the lesser spotted woodpecker.

Moore is also a welcome habitat for the rare willow tit, found in willow and elder scrub on the margins of pools, and this year visitors have unusually recorded sighting two marsh tits. Many species of declining breeding birds also nest on site, such as the lesser whitethroat, yellowhammer, tree sparrow, reed bunting, linnet, little ringed plover and lapwing.

Resident owl species include the tawny, little and barn owl, with the long-eared owl and short-eared owl being winter visitors most years.

As well as scarce breeding birds, Moore is fantastic for rare and scarce passage birds, using the wetlands and meadows as a pit stop. Birds such as osprey, bittern, black-necked grebe and marsh harrier are a few of the annual rare migrants.

Overall over 120 birds are recorded on the reserve.

Current management: FCC Environment recently undertook scrub clearance and grassland management, opening up the meadows, tackling bramble and other unwanted encroaching vegetation. We are also pushing back willow encroachment on the wetlands, and ensuring the grasslands offer a diverse mosaic of habitats.

In our 'sand dune' habitat found at the eastern end of the site, we have worked to re-open the sandy soil and create patches for scarce orchid species and sand dune flora such as centaury, wintergreen and yellow-wort, allowing this natural biodiversity to thrive once more.





Biodiversity is thriving at the Moore nature reserve



Environmental Commitment Campaign
Our environment, Our responsibility

FCC Environment is one of the UK's most trusted providers of environmental services. It is vital that we live up to our name, delivering high quality services and being the environmental company of choice.

In 2016 we conducted an internal environmental commitment survey, which identified ways we could be more environmentally friendly and improve levels of environmental awareness. We also invested heavily to deliver year on year improvements to our environmental performance.

Our new Environmental Commitment Campaign is designed to build on these improvements by emphasising the importance of the environment to our business and building up environmental awareness.

Due to the success of this recent campaign, additional themes will be added throughout 2019, the first of which is a re-design of our environmental near miss reporting system.



Doing the Right Thing

Transparency and teamwork are essential to running a sustainable business.

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Integrated Management System

Our integrated management system provides a single set of policies and procedures that enable us to drive continual improvement across the business.

Our excellent track record in quality and environmental management led to our being recommended for transition to a suite of new standards, which we migrated to successfully in the first four months of 2018.

Together, these standards align our performance and environmental management procedures and support organisational resilience.

In the first four months of 2018 we transitioned successfully:

From **ISO9001:2008** to **ISO9001:2015** without any non-conformance reports (NCRs) raised.

From **ISO14001:2004** to **ISO14001:2015** without any NCRs raised.

From **BS EN OHSAS18001:2008** to **ISO45001:2018** with just five minor NCRs raised.

Contributing to Communities

FCC Communities Foundation (previously called WREN) is a not-for-profit business that awards grants from funds donated by FCC Environment through the Landfill Communities Fund and Scottish Landfill Communities Fund.

In 2018 FCC Communities Foundation provided funding of more than **£11.9m to 243 projects from across England and Scotland.**

In Scotland, projects ranged from **£275,000 for the redevelopment of Aberdeen Art Gallery** towards the provision of a new education area, to a community led project in Glasgow to develop products from recycled plastics and textiles which needed £14,902 for equipment and tools. The FCC Scottish Action Fund is able to provide funding towards community recycling projects in addition to community amenities, biodiversity and built heritage projects and **provided £2,654,240 to 46 projects across the whole of Scotland.**

The FCC Community Action Fund, which provides funding to projects within 10 miles of an FCC Environment site in England, provided **£9.2m to 197 projects.** All projects funded were for the improvement of community facilities and included £100,000 towards the restoration of an historic chimney and windmill to allow public access at Strumpshaw Fen Nature Reserve in Norfolk, and £2,500 towards improving the heating and insulation at Weston Village Hall in Nottinghamshire.

In addition, funding was provided to a number of flagship projects, including **£173,500 towards a new storm resilient hide at Snettisham on the North Norfolk coast** and £250,000 toward the community areas of the new National Centre for Writing based in Norwich.

The **National Centre for Writing** was a £1.99m project to renovate and upgrade the 15th century Grade 1 Listed Dragon Hall to provide a fully accessible building with facilities and technology to develop artistic and learning activities around creative writing and translation for young people, schools, communities, participants and audiences.

The project, which completed in summer 2018, not only sympathetically redeveloped the Grade 1 listed building but **created a world class centre for writing and literature** and helped celebrate Norwich's literary heritage and sense of place as the UK's first UNESCO City of Literature.



CEO Chris Gribble in the National Writing Centre in Norwich

Harborough Town Girls Under 13 Football Club

FCC Environment provides a complete suite of services to Harborough District Council. Our teams are part of the community, collecting refuse and recycling, cleaning streets and offices,and managing facilities and grounds maintenance.

For the past two years FCC has also sponsored Harborough Town Girls Under 13 Football Club, supplying home and away football kits and cheering the girls on from the side lines.

The team has been together since 2013/14 season, playing in the Leicester and City Girls League, ended the 2018/19 season in second place. The team also play Futsal, the only five-aside indoor game approved by FIFA.





The renovated 15th century Grade 1 Listed Dragon Hall has created a world-class centre for writing and literature



Harborough Town Girls in their kits supplied by FCC

Continued »

Contributing to Communities

War Horse — A Place of Peace to be Together

A memorial to the 353 servicemen from Featherstone who lost their lives in WW1

Funding during 2018 supported 30 Local Authorities, 48 Parish and Community Councils and 39 churches together with charities, sports clubs and management committees. Projects include more than 82 community buildings, 67 play areas and facilities for young people and 44 sporting facilities.

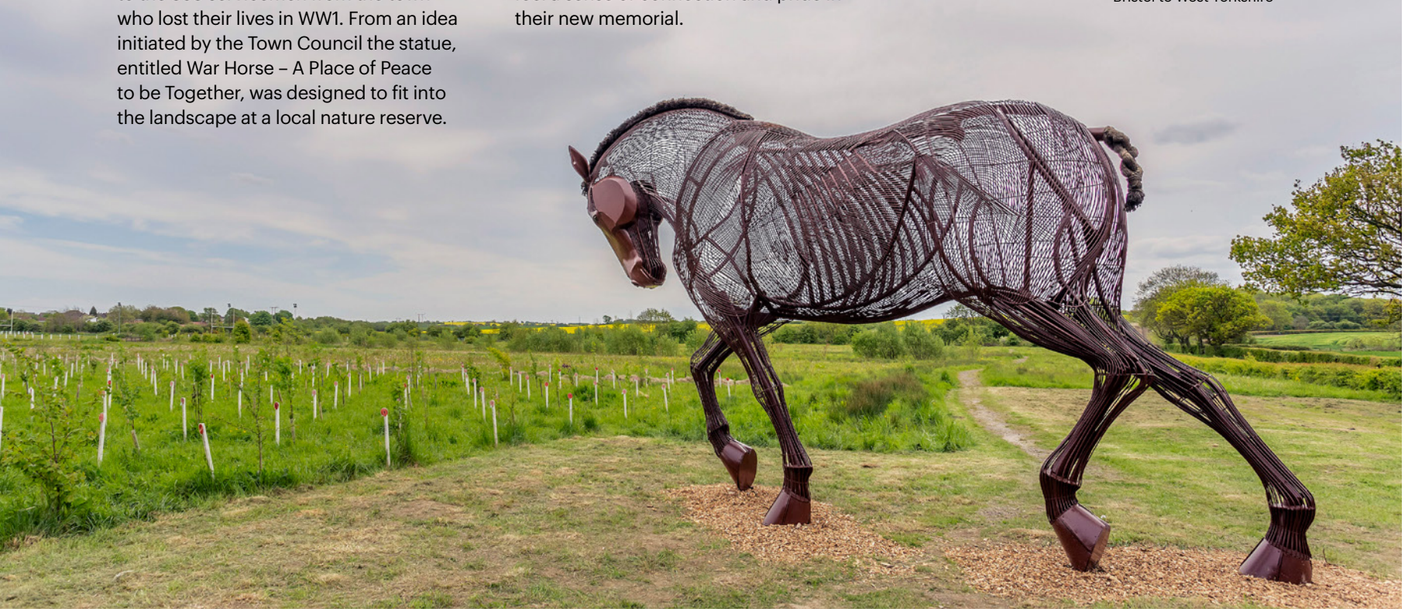
A flagship project we supported in 2018 in Featherstone near Wakefield, saw the installation of a sculpture as a memorial to the 353 servicemen from the town who lost their lives in WW1. From an idea initiated by the Town Council the statue, entitled War Horse – A Place of Peace to be Together, was designed to fit into the landscape at a local nature reserve.

The sculpture was developed through workshops with local schools and groups to give a sense of ownership in the artwork and for the finished work to be a focal point for the local community.

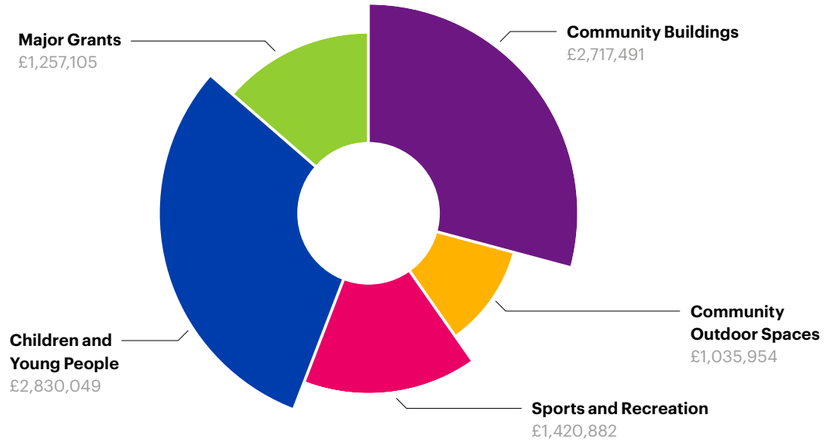
The project gained recognition nationally as the 20ft high completed sculpture made its way from its makers in Bristol to West Yorkshire. Winched into place and now complete, War Horse has already enhanced the environment and residents feel a sense of connection and pride in their new memorial.



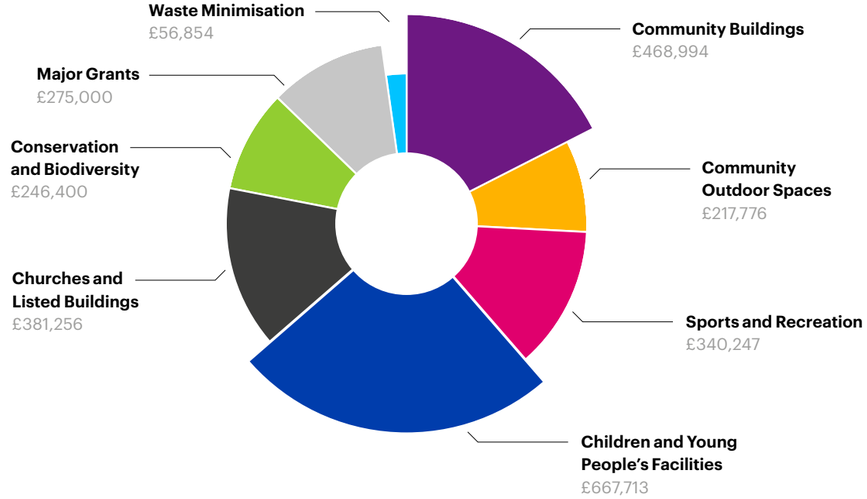
The 20ft high completed sculpture made its way from its makers in Bristol to West Yorkshire



Landfill Communities Fund Projects 2018 —



Scottish Landfill Communites Fund Projects 2018 —



Forward Thinking

FCC Group has been innovating on behalf of its customers for over a century.

United Nations
Sustainable development goals —



Exciting progress is being made within the resources and waste sector. The new Resources and Waste Strategy has set bold objectives to improve resource efficiency and protect the environment. These ambitions complement the interconnected Government strategies for industrial growth, clean growth, and **the 25-year Environment Plan.**

Importantly, given the many uncertainties around Brexit, the Strategy has committed to not just maintaining, but enhancing environmental standards. We support this wholeheartedly and intend to stay at the forefront of innovations and investments for a greener and more resilient future.

At FCC Environment we have huge plans. We are looking forward to supporting the Government to deliver on the bold, ambitious policies that will emerge post-Brexit. We are ready to invest in more infrastructure to improve resource management in the UK, and to play our part in delivering the Sustainable Development Goals.

The public's eyes are on our sector like never before, presenting an exciting opportunity to engage in deeper discussions about environmental and economic priorities and preferences.

We are witnessing renewed and urgent interest in the pressing issues of climate change and environmental pollution. The 2018 Treasury consultation on taxing plastics, for example, received a record-breaking 162,000 responses: a sure sign of the public's appetite for world-leading sustainable resource management.

Continued »

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Viewed through the lens of Brexit, global environmental issues are also focusing minds on the need for national infrastructure to reduce our reliance on other countries. The persistent UK capacity gap for managing residual waste is a prime example. To improve national resilience, our sector needs to deliver more Energy from Waste plants. Exporting waste as a fuel means missing out on an abundant source of clean energy that the UK could and should be benefitting from.

We are proud to play our part in helping the nation capture the economic value of waste. It makes good sense, for the economy and the environment, to use refuse-derived fuel to power our homes and businesses. High-efficiency energy technologies can keep the nation's lights on and provide green growth.

If we are to deliver on the four interconnected strategies driving current policy making, we will need to take some important decisions in the next few years.

The Government is now consulting with businesses, the resources and waste sector, local authorities and citizens, to give everyone the opportunity to further shape policy and agree on how to implement it. If we can genuinely work together to drive change, we will be able to deliver on the ambition of the strategy.

Actions taken now will shape Britain's resourcefulness for generations to come.

policy connect

There's no better time than the present one

For any forward thinking exercise to take place there must be, first, a time dedicated to look back and reflect on the road that led to where we now stand. In that sense, and as I am sure every single player in the resource and waste sector is very much aware of, the year that has passed between FCC Environment's last sustainability report and this one has certainly been one of the most unique and exciting ones on record.



Jonathan Shaw
Chief Executive of Policy Connect and a former MP and Government Minister

The prevalence of the so-called Attenborough effect and subsequent raise in public awareness and concern around plastic pollution; the numerous private and public initiatives aimed at reducing and/ or eliminating single-use plastics and the establishment of the UK Plastics Pact – which has already seen remarkable progress towards achieving its ambitious targets – are all signs that the (waste & resource) world is changing. Moreover, Parliament's inquiries and Defra's landmark Resource and Waste Strategy (RWS), together with its associated consultations are, in turn, signs that Government and policy makers are listening carefully and responding to the environmental demands of society.

Speaking about the Resource and Waste Strategy it is worth bringing up here that last December, precisely a day after the document was released, a round table event FCC, Valpak, MRW magazine and Policy Connect hosted in Parliament gathered some of the most prominent voices in the sector, all of which agreed that, welcomed as it was, the Strategy was just the framework, not the roadmap, towards a resource efficient, circular economy that will help bring the UK to the forefront of sustainability practices around the world.

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There's no better time than the present one

The roadmap is of course crucial, and it will take shape throughout the entirety of this year: all of us in the sector have contributed to the Treasury and Defra's consultations on Extended Producer Responsibility, Deposit Return Scheme and Consistency, all of which will contribute towards defining the practical and technical aspects that will help us achieve the ambitious targets the Government has set for 2023. But that is not all. In the run-up to the strategy and the time since it was published, many of us have held meetings with parliamentarians and government officers, done our own research and published valuable reports which, in turn, will also help draw the path that will take us to where we want to go as a country that leads the way in a world that desperately needs environmentally friendly solutions.

It almost goes without saying that this is now more important than ever, and for several reasons: on one hand, both the Chinese & other countries ban on UK plastic exports and Brexit, whenever it happens and whatever shape and form it takes, represent major challenges to the way in which we have done things so far. On the other, one thing that became clear after the 10-day long Extinction Rebellion protests and activist Greta Thunberg's visit to Parliament is that we should not and must not continue to conduct business as usual.

The good news is that there will be plenty of opportunities to contribute to relevant public policy in the immediate future, and that the resource and waste sector is in an unsurpassable position to do so: the opportunities to shape the UK's resource & environmental policy landscape have never been greater, and if the entirety of the sector comes together and works in close collaboration with Defra, BEIS, the Treasury and the Ministry of Housing, Communities and Local Authorities – who must, in turn, work in close collaboration themselves – there is no limit to the environmental, economic and social benefits we can achieve. There has not been a better time to do this than the year ahead.



Greta Thornburg with political leaders at the House of Commons All Party Group on Climate change. Photo courtesy of Policy Connect

Appendix

Environmental compliance

Key Performance Indicators	2014	2015	2016	2017	2018
CCS scores*	2164	1891	1861	871	816
Average no. of notifications per environmental permit	5	5	3	3	3
Leachate compliance	69%	70%	75%	79%	81%
Landfill gas compliance	92%	96%	95%	95%	95%
Environmental complaints by stakeholders	683	383	471	493	439
Enforcement notices (EA/SEPA/NRW)	2	1	2	3	0
Prosecutions	0	0	0	0	0
Fines for offences (EA/SEPA/NRW)	0	0	0	0	0
Sites in OPRA band D,E,F	32	26	23	16	13

Carbon emissions

Tonnes CO_2 equivalent

Scope 1	2015	2016	2017	2018
Landfill	3,249,372	3,133,412	2,996,310	2,824,802
Energy from Waste	414,311	444,971	881,787**	984,427
Fuel (liquid & gas)	50,182	48,781	43,441	42,589
Scope 2	**2015**	**2016**	**2017**	**2018**
Electricity	13,109	12,060	8,907	8,061
Scope 3	**2015**	**2016**	**2017**	**2018**
Fuel	10,402	12,650	12,835	11,425
Gross Carbon Footprint	3,737,376	3,651,874	3,943,280	3,871,304
Biogenic Outside of Scope	1,764,687	1,727,999	2,237,620	2,230,419
Net Carbon Footprint	1,972,689	1,923,875	1,705,660	1,640,885

* A lower CCS score reflects a higher compliance rating

** Errors in historic scope 1 EfW reporting have been corrected

Environment
from waste to resource

To find out more
call 0844 736 9992
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