

**BDR WASTE PFI
BDR MANAGER UPDATE REPORT
6 March 2023**

1. Governance

- 1.1. Contract Data - Performance reports are produced by the contractor on the 15th of each month, including information up to the end of the previous month. As the JWB meeting is held on the 6th of March 2023 the contractor's supplied data only includes up to 31st January 2023 (February contractual information will not be received until the 14th March 2023). Through monitoring of the contract and communication with the contractor, the BDR team has included additional information on performance up to date, and the team has no concerns with performance and service delivery.
- 1.2. The BDR Team continues to comprise: -
- 0.6 FTE Waste Manager – Beth Baxter.
 - 0.4 FTE Waste Manager – Paul Hutchinson
 - 0.6 FTE Senior Contract Officer – Paul Hutchinson
 - 0.4 FTE Senior Contract Officer – Vacant
 - 1FTE – Admin / Technical Officer (Career grade) – Rhonda Fletcher
- In addition, the creation of a further two, new 2-year posts has been agreed by JWB in July 2022.
- Senior Technical Officer - to assist with anticipated large legislation changes and contract re-negotiation
 - Admin Apprentice post to support the team as it delivers the anticipated workloads
- 1.3. In anticipation of the release of the Government's direction, guidance and secondary legislation from the Resource and Waste Strategy (Spring 23). The BDR Team is currently persuading with RMBC HR to recruit to the Senior Technical Officer post to ensure the position is filled with a suitable candidate in anticipation of the increased workloads and service change requirements from new legislation.
- 1.4. The BDR Team continues to receive external legal advice and financial advice from specialists who have been advising the BDR Team on PFI matters and partnership working since the conception of the PFI Waste Treatment Facility project.
- 1.5. A procurement tendering process for a Technical Consultant has been awarded. The consultant will be utilised to investigate, review and advise on issues such as EA Permit Changes, R&W Strategy outcomes and Maintenance Plans. The budget for this is included in the operational management budget.

2. Contract Delivery

2.1. Waste Treatment – Bolton Road Facility

2.1.1. BDR waste received

Table 1 – Year to date contract tonnes processed

Inputs	2021/22	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	YTD 2022/23
Contract Waste (Limbs)												
Barnsley												
A (Household)	56765.72	4537.48	4435.30	4643.62	4218.56	4455.82	4539.00	4034.62	4748.02	4575.60	4702.52	44890.54
B (Commercial)	5829.66	460.22	512.36	514.24	497.04	450.58	500.56	460.18	584.42	479.36	512.72	4971.68
C (HWRC)	5041.26	442.08	423.12	387.78	380.00	443.04	373.80	395.92	393.70	393.14	473.00	4105.58
D (Public Highways etc)	1075.52	75.92	83.76	74.00	73.32	80.84	76.30	73.00	82.34	84.20	96.50	800.18
E (Grounds Maintenance)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Doncaster												
A (Household)	74088.55	5982.26	5842.48	5639.54	5521.70	5665.38	5795.10	5371.12	6060.64	6054.72	6028.56	57961.50
B (Commercial)	5303.72	472.14	525.44	529.54	531.58	468.30	500.98	497.66	437.62	404.96	473.96	4842.18
C (HWRC)	7340.50	660.00	602.72	593.18	577.44	589.42	555.50	541.22	518.32	536.34	619.62	5793.76
D (Public Highways etc)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E (Grounds Maintenance)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rotherham												
A (Household)	53559.70	4218.29	4453.10	4346.74	4042.88	4376.32	4199.54	4013.18	4435.40	3975.44	4794.52	42855.41
B (Commercial)	3213.33	248.94	271.96	256.92	244.02	235.42	256.86	241.74	280.64	230.62	268.46	2535.58
C (HWRC)	5732.70	523.36	510.32	463.38	456.00	520.02	457.76	459.22	442.26	445.92	552.64	4830.88
D (Public Highways etc)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E (Grounds Maintenance)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Limbs A&B Sub-Total</i>	198760.68	15919.35	16040.64	15937.98	15055.78	15651.82	15792.04	14628.50	16546.74	15720.70	16780.74	158074.29

2.1.2. Third-party waste received

Table 2 - Year to date Third Party waste tonnes processed

Inputs - 3rd Party	2021/22	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	YTD 2022/23
Renewi Derby	7319.70	1049.94	1077.26	1055.34	1878.34	1432.60	1295.54	1662.58	1514.36	48.84	153.80	11014.80

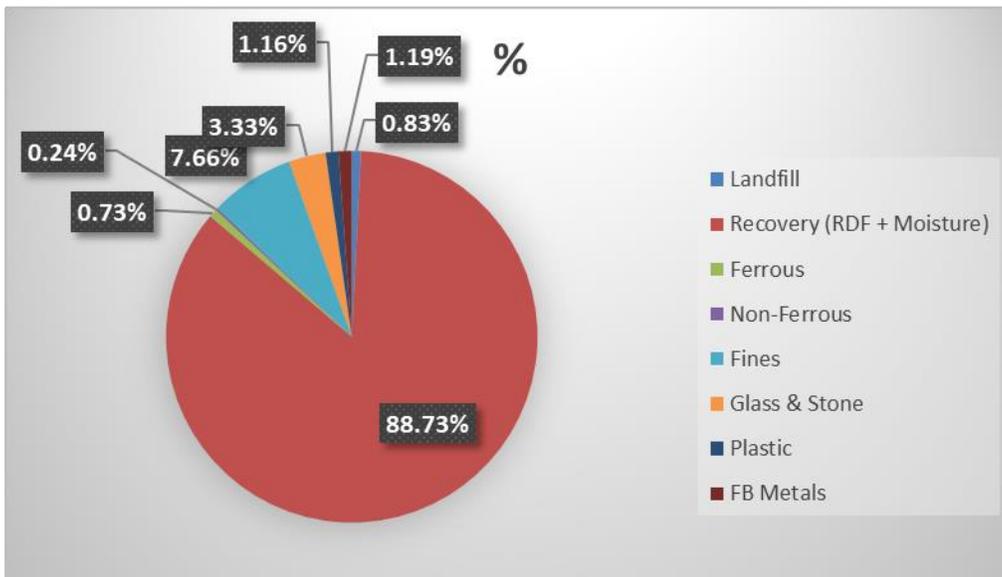
2.1.3. The amount of third-party waste being accepted is monitored and managed by the Contractor against Council delivered tonnage to ensure sufficient capacity to process and prioritise BDR waste. This will also allow for smoother acceptance of the priority waste from the Councils and increased reception pit cleaning as part of Renewi's fly management measures. Increased third-party waste is now being accepted by Renewi due to their continued good management of waste acceptance, pit management and reduced levels of Household Waste collected by the Councils.

2.1.4. Process Outputs

Table 3 - Year to date Bolton Road Process Outputs

Contract Outputs	2021/22	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	YTD 2022/23
Landfill	2109.52	138.28	213.03	184.10	121.76	139.85	148.58	110.26	159.62	116.56	114.18	1446.22
Recovery (RDF + Moisture)	188769.97	16115.58	16350.50	14917.42	13189.72	15940.25	15058.65	15068.86	14603.22	15995.07	16792.40	154031.67
Ferrous	1397.50	129.23	135.03	89.15	100.34	132.69	127.05	105.13	129.72	92.91	114.32	1155.57
Non-Ferrous	333.18	24.43	62.66	37.66	23.34	40.77	40.21	28.16	37.24	42.92	40.84	378.23
Fines	12829.59	1216.58	1184.98	1102.57	967.94	1112.72	1019.65	791.82	884.23	938.62	980.22	10199.33
Glass & Stone	6741.93	565.30	625.06	576.32	606.30	501.32	354.95	452.51	528.81	387.40	668.52	5266.49
Plastic	3717.06	229.83	99.52	60.13	162.48	231.32	196.49	271.65	229.62	233.58	113.50	1828.12
Direct Delivered	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Recycling Sub-Total	25019.27	2165.38	2107.25	1865.82	1860.41	2018.83	1738.35	1649.28	1809.63	1695.43	1917.41	18827.79
Ferrybridge Metals	2321.35	194.82	195.18	184.52	155.04	195.76	186.40	186.50	179.20	201.93	205.78	1885.13
AWM-Recycling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fines CLO Uplift	2402.41	227.81	221.89	206.46	181.25	208.36	190.94	148.27	165.58	175.76	183.55	1909.87
Recycling Total	29743.03	2588.01	2524.32	2256.81	2196.70	2422.95	2115.68	1984.05	2154.40	2073.12	2306.74	22622.78
Outbound Total	215898.75	18419.23	18670.79	16967.35	15171.90	18098.93	16945.58	16828.40	16572.46	17807.06	18823.99	174305.69

Figure 1 – Contract Outputs



2.1.5. Process Performance

Table 4 - Year to date Bolton Road Process Performance

Performance	2021/22	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	YTD 2022/23
Recycling (%)	14.96%	16.26%	15.74%	14.17%	14.59%	15.48%	14.10%	14.32%	13.63%	13.19%	13.75%	14.52%
Diversion (%)	98.09%	103.75%	104.51%	96.18%	90.98%	103.90%	102.00%	109.15%	95.05%	102.97%	101.01%	100.95%
Moisture Loss (%)	29.82%	30.76%	31.53%	29.64%	32.16%	30.05%	29.89%	30.06%	30.25%	28.94%	30.52%	30.38%

2.1.6. Landfill diversion is calculated by total waste diverted from landfill divided by the total waste delivered. Some months, diversion is above 100%. This is due to the processing of waste taking 14 days (over a month-end). Therefore, in some months more processed material may leave the site than is received. The landfill diversion target is an annual target.

2.2 Complaints

Table 5 - Complaints received by month

2022/23	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Total
Flies	0 (0)	0 (0)	0 (0)	3 (3)	4 (1)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	7 (4)
Noise	0 (0)	1 (1)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (1)
Odour	0 (0)	0 (0)	0 (0)	0 (0)	7 (3)	2 (2)	0 (0)	1 (0)	0 (0)	0 (0)	10 (5)

(#*) Classified immediately as unsubstantiated by the EA (Distance from site, wind direction, closeness to other sources, description of complaint levied (burning waste!) or Hygiene / lack of own fly management at complainant's address).

2.2.1. There have been no fly complaints since the last report, as fly numbers have continued to drop due to the colder weather. The EA visited Bolton Road on 2nd November to introduce the new regulatory officer.

2.2.2. There has been one odour complaint since the last report. The complaint was received via the Environment Agency. No issues were identified on site.

2.3 Acid Scrubber

2.3.1 The acid scrubber dosing system work has been paused due to continued technical issues. pending further responses from JCBE on the operational efficiency of the system. Further updates will be available in February.

2.4. Damaged Pasteurisation Tunnel Walls

2.4.1. Work of the AD pasteurisation tunnel repairs commenced in early December with additional core samples taken for concrete analysis. Much of the damaged concrete has now been cut out. Restoration of heating pipes was scheduled for January. The programme of works is forecasted to take 14 weeks. CLO deployments are currently on hold due to tunnel works; all pre-pasteurised material is currently shipping to Agriorganics.

2.5. BAT's - permit emission amendments

2.5.1. Renewi have received a draft revised permit from the EA detailing the new required emissions levels. Renewi have formally written to the Councils to notify them that they believe this is a Qualifying Change of Law and therefore, once the changes in the permit have been analysed, there may be a claim for any additional resource/expenditure to meet the new permit requirements.

2.5.2. The BDR Team has asked for Renewi to provide detailed analysis of the changes and an in-depth explanation as to where (if any) payment is required from the Councils. The BDR team will undertake due diligence of any claim taking legal, financial, and technical advice from external experts to ascertain if payment is required or the claim is to be rejected.

2.6. Barnsley Transfer Station – Grange Lane

2.6.1. Dilapidation Works - All delays work has now been completed. BMBC commissioned a survey of a schedule of conditions to record a standard for Renewi to keep the site in a good and tenable condition to the end of the contract, which is currently being reviewed by BMBC. Once the review is completed a variation to the BTS contract will be drawn up to agree the maintenance of the facility and more specifically, how the paintwork on the steel should be managed.

2.6.2. The POP's waste flow is now being delivered into BTS, this material is typically bulky waste and the volumes being delivered are taking up a full section of a bay. Duty of Care was completed at FCC who are accepting the POP's waste.

2.5 Health and Safety

2.5.1 Close calls are actively sought to be raised. By reporting issues where improvements can be made, or where expected levels of behaviour/working have not been maintained. it will increase learning and improve safety across the whole site. Up to January 2023 Renewi generated a ratio of 2.08% close calls raised per employee per month with a close out rate for the recorded actions of 45%.

2.5.2 5 minor accidents and 1 medical treatment in January.

2.5.3 7 false fire alarms in the month. 5 x activations in refinement due to high beam sensors picking up steam from the waste and 2 x AD linear heat detection. No actual fires recorded.

Table 6 – Year to date Health and Safety

2020/21	Close Call	Accident less than 3 days	Accident more than 3 days	Non RIDDOR dangerous occurrence	RIDDOR dangerous occurrence	RIDDOR more than 7-day injury	Major RIDDOR	Environmental
April	97	2	0	0	0	0	0	0
May	93	4	2	0	0	0	0	0
June	100	1	0	0	0	0	0	0
July	62	0	0	0	0	0	0	0
August	86	3	0	0	0	0	0	4
September	90	1	0	0	0	0	0	3
October	143	0	0	0	0	0	0	0
November	115	0	0	0	0	0	0	0
December	62	0	0	0	0	0	0	2
January	137	6	0	0	0	0	0	0
YTD Total	985	17	2	0	0	0	0	9

3 Legal

3.1.1 There is additional support as required from a legal locum, and internal and external technical and financial advisors for more complex matters of contract management. The BDR Team and their external legal and financial advisers continue to work on major and minor variations to the contract to improve the overall service delivery, processes, performance, and contractual interaction between BDR and the contractor.

3.1.2 The BDR Team have submitted a formal request with Defra to apply for a transitional arrangement, for the length of the PFI contract, for the three councils to not be required to collect food waste separately from residual waste. The application has been made as the Waste Treatment Facility at Bolton Road delivers the required outcomes of a separate food waste collection, preventing organic material from entering landfill and instead producing Compost like outputs. If successful the BDR Councils will be named in legislation as not being required to collect food waste separately.

3.1.3 Joint Insurance Cost Report

The content of the JICR remains rejected by the BDR team.

BDR team received a response from the Contractor and Marsh after our original rejection of the 3rd Joint Insurance Cost Report (JICR). An amended JICR has been received, taking into consideration some of the points raised in the rejection letter.

The BDR Team has again formally rejected the amended JICR and issued a letter outlining where we still disagree with some of the calculation used in formulating the JICR.

We anticipate receiving the 4th JICR in February/March 2023 and the BDR Team will maintain its approach (as per the previous three JICR's) and interpretation of the contract in relation to the calculation of the JICR

It should be noted that the BDR position on JICR is not unique and many JICR are not yet agreed. Further guidance from the Infrastructure Projects Authority (IPA) on the application of the contract in relation to JICR is expected although there is yet no indication of when this will be available. The BDR Manager has raised that IPA should ensure that MBTs should not be adversely impacted by the guidance.

4 Financial

- 4.1 The 22/23 budget was approved at the Joint Waste Board (18th July 2022), and currently remains at the same level as 21/22 - £287,000.

Table 7 - Operational Management Budget 2022/23

22/23 Budget approved by JWB				2022/23 BDR Recharge split	
	2022-23 Budget	Forecast	Variance		
Management	£132,000	£133,224	£1,224	BMBC	£74,971
Administration	£25,000	£20,683	-£4,317	DMBC	£74,971
Call off Legal	£65,000	£84,428	-£45,572	RMBC	£88,368
External Finance	£35,000				
External Legal	£0				
External Technical	£20,000				
Insurance Advisors	£10,000				
Call off Finance	£0				
Call off Technical	£0			Total	£238,310
HWRC Project	£0	£0	£0	Small discrepancy in total v forecast due to year end accrual recharge	
Total	£287,000	£238,335	-£48,665		

- 4.1.1 Expenditure has been profiled and re-calculated to ensure the team meets all the anticipated workloads due in the 22/23 financial year.
- 4.1.2 Technical, Legal and Financial advice expenditure will be utilised to deliver the outcomes of the consultations on the Resource and Waste strategy for England. The BDR Team anticipates the potential need to commence negotiations on the impacts of the R&WS on the PFI contract, cover costs for ongoing work to implement operational changes and potential variations to the PFI contract. The team will also use these resources to support BDR Councils for partnership working, including the HWRC re-tendering for a new contract in 2023 and supporting Councils as their waste management teams work towards any individual or joint impacts emerging from the Resource and Waste Strategy.
- 4.2 The BDR team will look to be prudent with any expenditure and will seek to make savings on the budget where possible.

- 4.3 As Outlined elsewhere in this report, additional resources have been procured (Technical Consultant) and will be recruited (Senior Technical Officer). The cost of these additional resources are anticipated to be :-
- Technical Consultants – circa £33,000 P/A for three years
 - Senior Technical Officer – (with on-costs) £39,016 P/A for two years (nett £18,204 if Senior Contracts Officers vacant two days post remains unfilled)

It is anticipated that these additional resources will come into effect after 31/3/23 and this will require an increase in the 23/24 PFI operational budget.

5 Communications

- 5.1 **Press Releases** - In January, three press releases were issued. 1) Home composting phase 2 campaign. 2) Correct disposal of electricals including vapes. 3) Promoting clothes swap shops.

5.2 Community Education Liaison Officer (CELO)

- 5.2.1 From January 2023 there has been a reduction in CELO staff by 50% as the assistant CELO started her maternity leave. This will have an affect on the volume and types of CELO work that can be undertaken in 23/24 (as now there is only one member of staff). The 23/24 CELO plan is currently being drafted in collaboration with the Councils taking into consideration their desired areas of action coupled with the current staffing levels.

- 5.2.2 Social media: The following campaigns have been undertaken in the last quarter

- Composting at home
- Food waste reduction
- Composting Christmas trees
- Repairing clothes
- Reuse and recycling of tech items
- Four food waste reduction
- 'How it is recycled' video for metal and cans
- Keeping tissues and baby wipes out of recycling bins
- A post explaining carbon jargon busting
- Love Your Clothes campaign

- 5.2.3 Hubbub Campaign

Barnsley - Pilot campaign run has finished and a follow up survey has been completed.

Doncaster - Due to error in Doncaster survey, a further question was sent out to residents.

Rotherham - Work continued to get an appropriate number of Rotherham follow up surveys completed. The CELO agreed a date with Hubbub (15th February) at which point follow up surveys will be closed regardless of number of returns to allow for evaluation and design of the final campaign by the end of 22/23.

- 5.2.4 Home Composting Campaign - Seven winners were selected for the HotBin competition from a total of 660 entries. All the winners have now received their prizes.

- 5.2.5 Food waste campaign - analysis of the phase 1b data has begun and the results will begin to be compared to the baseline data in February 2023.

- 5.2.6 Spring 2022 waste composition reports have been submitted to the Councils and Autumn 2022 analysis completed.

6 Resources

6.1 The BDR team has been assisting Barnsley, Doncaster and Rotherham Councils with projects as identified in section 7.0. There is additional support as required from a legal locum, internal and external technical and financial advisors for more complex matters. It should be noted that the increase in consultation activity from central Government departments is putting pressure on resources. Once the outcome of the consultations is known it is likely that more resources will be required to implement changes to contracts and services. It is difficult to predict the level of resources necessary now.

7 Joint working and BDR support

7.1 Listed below are the current projects and areas where the BDR team is helping to support the individual Councils or co-ordinate joint work:

BMBC

- Additional support of new Garden waste contract due to legal negotiations with current supplier.
- Additional support of Paper and Card contract due to legal negotiations with current supplier.
- Facilitating completion of delays work at BTS.
- Working with BMBC on tipping protocols for Fires on Vehicles.
- Facilitating numerous non-contractual and contractual additional /new waste stream disposals.
- Facilitating sampling of non-contract waste streams.

DMBC

- Assistance with the development of the Doncaster Environmental Strategy

RMBC

- The BDR Manager is a Climate Change Champion for RMBC
- Assistance on Service and Team Plans for waste teams
- Assistance with Commercial Waste recycling - scoping and service engineering
- Assistance with HWRC re-tendering

B.D.R

- Co-ordination, collation, and submission to numerous Government/Defra consultation for and around the waste sector.
- Solutions and progression of HWRC contract variation requirements
- Leading on procurement of new HWRC provision and solution post 2023 – new contract
- Lobbying Government on the delays on the R&WS outcomes
- Changes required due to Resource and Waste Strategy
- Pre-work on Strategic Review of SYMWS as requested at JWB
- Making application for transitional arrangement for Separate Food waste collection

8. Glossary of Terms

Term	Definition
A2A (formerly Ecodeco)	Italian company who research, design, construct, and manage plant and equipment for the disposal of waste.
Anaerobic Digestion (AD)	A series of biological processes in which micro-organisms break down biodegradable material in the absence of oxygen. One of the end products is biogas, which is combusted to generate electricity and heat.
Compliance Assessment Report (CAR) form	A CAR form is used by Environment Agency officers when assessing compliance with Environmental Permits.
Compliance Classification Scheme (CCS)	Compliance Classification Scheme (CCS) score and what action EA are considering. A CCS score is recorded where non-compliance with a permit condition(s) has been identified
Compositional Analysis	Waste Composition Analysis is a study that provides essential information about the weight and type of each component waste material that is in any given waste stream. It firstly involves obtaining representative samples of these waste streams, then manually hand sorting into various pre-defined sort categories using the correct methodology, which are then weighed in each individual fractions in align with Waste Data Flow (WDF) municipal reporting each waste stream has its own European Waste Code (EWC).
Compost Like Output (CLO)	The processing of a waste stream by mechanical sorting and separation of waste into distinct fractions of biodegradable and non-biodegradable materials.
Department for Environment, Food and Rural Affairs (DEFRA)	The UK government department responsible for policy and regulations on environmental, food and rural issues.
Duty of Care	A legal responsibility to ensure that you produce, store, transport and dispose of your business waste without harming the environment.
Environment Agency (EA)	An executive non-departmental public Body responsible to the Secretary of State for Environment, Food and Rural Affairs for issues affecting the environment.
FCC Environment	One of the UK's leading waste and resource management companies.
Facebook	Facebook, Inc. is an American online social media and social networking service company.
Ferrybridge Multifuel 1/Multifuel 2 (FM1/FM2)	Multifuel Energy Ltd. (MEL) operates a new £300 million multifuel plant on land owned by SSE at Ferrybridge 'C' Power Station near Knottingley in West Yorkshire. This project is called Ferrybridge Multifuel 1/2 (FM1/FM2)
Household Waste Recycling Centre (HWRC)	A civic amenity site (CA site) or household waste recycling centre (HWRC) is a facility where the public can dispose of household waste and also often containing recycling points.
Joint Insurance Cost Report (JICR)	Set out the mechanism for the insurance review procedure and sharing of insurance.
Joint Waste Board (JWB)	The Statutory Committee comprising Portfolio Holders and Senior Officers with responsibility for waste.
Mechanical Biological Treatment (MBT)	A type of waste processing facility that combines a sorting facility with a form of biological treatment such as composting or anaerobic digestion. MBT plants are designed to process mixed household waste as well as commercial and industrial wastes.
Persistent Organic Pollutant (POP's)	Are chemical substances that do not break down in the environment. They are a danger to human health and the environment
Private Finance Initiative (PFI)	Mechanism for creating "public-private partnerships" (PPPs) by funding public infrastructure projects with private capital.
Renewi BDR Ltd	Following SSE's exit from Ferrybridge, Renewi now control 100% of the SPV. The new name of this business entity is Renewi BDR Limited
Resource and Waste Strategy (R&WS)	A strategy which sets out how we will preserve our stock of material resources by minimising waste, promoting resource efficiency, and moving towards a circular economy.
Solid Recovered Fuel (SRF)	A fuel produced by shredding and dehydrating solid waste (MSW) with a waste converter technology.
Waste Infrastructure Credits	Awarded by DEFRA to incentivise local authorities to develop infrastructure to treat waste as an alternate to landfill.
Waste Transfer Station (BTS)	Facilities where municipal solid waste is unloaded from collection vehicles and briefly held while it is reloaded onto larger long-distance transport vehicles for shipment to landfills or other treatment or disposal facilities.
Waste and Resources Action Programme (WRAP)	WRAP works with governments, businesses and communities to deliver practical solutions to improve resource efficiency.

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