

**BDR WASTE PFI'**  
**BDR MANAGER UPDATE REPORT**  
**7<sup>th</sup> March 2022**

**1. Governance**

- 1.1. Contract Data - Performance reports are produced by the contractor on the 15<sup>th</sup> of each month, including information up to the end of the previous month. As the JWB meeting is held on the 7<sup>th</sup> March the contractors supplied data only includes up to 31<sup>st</sup> January 2022 (February's contractual information will not be received until the 15<sup>th</sup> March). Through monitoring of the contract and communication with the contractor, the BDR team have included additional information on performance up to date, and the team have no concerns with performance and service delivery.
- 1.2 The BDR Team continues to work mainly from home, complying with Government and Council guidelines and they will continue to do so until advised otherwise. Any visits required to Bolton Road, BTS or any of the Councils officer are Covid-19 compliant.
- 1.3 A review of the team's workload, staffing resource needs, team structure suitability and filling of the Senior Contract Officers vacant 2 days is underway. Discussion has been held with RMBC HR to scope options. These options will be brought to Steering Committee for review, and JWB for approval if appropriate.

**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		2020/21	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	YTD 2021/22
Barnsley	Contract Waste (Limbs)												
	A (Household)	59793.54	5231.76	4473.50	4972.54	4904.10	4451.16	4755.26	4474.34	4569.12	5048.84	4603.72	47484.34
	B (Commercial)	4698.90	414.48	446.88	496.28	484.28	401.20	523.61	499.17	513.56	520.74	447.36	4747.56
	C (HWRC)	4234.34	448.56	416.00	432.14	420.16	456.58	397.58	381.42	357.78	442.24	449.36	4201.82
	D (Public Highways etc)	1120.55	105.32	91.44	112.02	114.74	109.04	77.95	75.10	73.04	80.22	75.28	914.15
	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)	78370.85	6790.78	6171.14	6328.48	6810.17	5826.02	6221.94	6007.64	5815.88	6462.54	5825.06	62259.65
	B (Commercial)	3090.00	356.22	312.20	287.28	352.56	465.72	492.70	406.66	535.22	542.08	527.48	4278.12
	C (HWRC)	6061.38	684.60	639.12	644.32	630.04	660.14	581.94	564.94	521.68	574.74	648.96	6150.48
	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
Rotherham	A (Household)	55728.94	4752.05	4444.70	4727.54	4594.36	4501.47	4416.68	4131.84	4484.12	4372.20	4642.28	45067.24
	B (Commercial)	2885.00	264.96	273.32	272.12	287.51	260.98	276.26	253.08	264.18	272.06	260.02	2684.49
	C (HWRC)	4138.70	457.22	463.26	510.04	507.06	542.20	452.32	441.88	429.28	439.90	536.08	4779.24
	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
	Limbs A&B Sub-Total	204567.23	17810.25	16121.74	17084.24	17432.98	15906.55	16686.45	15772.73	16182.08	17218.46	16285.92	166501.40
BDR	A (Household)	193893.33	16774.59	15089.34	16028.56	16308.63	14778.65	15393.88	14613.82	14869.12	15883.58	15071.06	154811.23
	B (Commercial)	10673.90	1035.66	1032.40	1055.68	1124.35	1127.90	1292.57	1158.91	1312.96	1334.88	1234.86	11710.17
	C (HWRC)	11463.04	1262.00	1191.46	1229.46	1279.78	1464.50	1342.60	1229.96	1322.28	1424.22	1512.92	13259.18
	D (Public Highways etc)	1120.55	105.32	91.44	112.02	114.74	109.04	77.95	75.10	73.04	80.22	75.28	914.15
		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
	<b>Total</b>	<b>217,150.82</b>	<b>19,177.57</b>	<b>17,404.64</b>	<b>18,425.72</b>	<b>18,827.50</b>	<b>17,480.09</b>	<b>18,107.00</b>	<b>17,077.79</b>	<b>17,577.40</b>	<b>18,722.90</b>	<b>17,894.12</b>	<b>180694.73</b>

2.1.2. Third-party waste received

**Table 2 - Year to date Third Party waste tonnes processed**

Inputs - 3rd Party	2020/21	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	YTD 2021/22
Renewi Derby	16465.28	920.76	879.48	516.76	341.88	572.64	601.08	497.44	839.66	230.68	0.00	5400.38

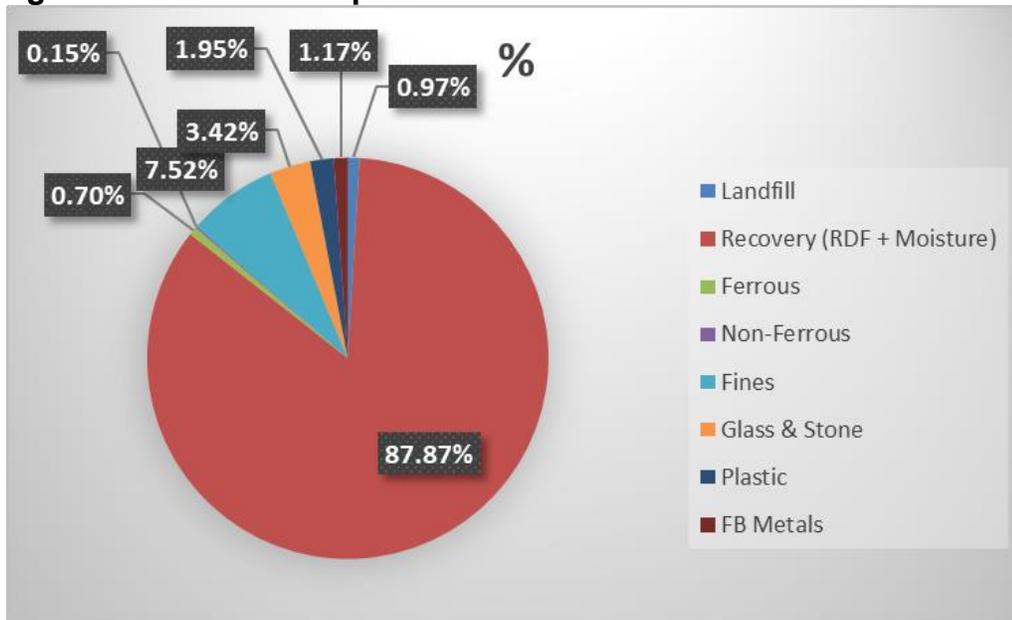
2.1.3. The amount of Third-party waste being accepted has been reduced to ensure enough capacity to process and prioritise BDR waste and the increased tonnages being delivered throughout the Covid pandemic. This will also allow for improved reception pit cleaning as part of Renewi’s fly management measures.

2.1.4. Process Outputs

**Table 3 - Year to date Bolton Road Process Outputs**

Contract Outputs	2020/21	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	YTD 2021/22
Landfill	4270.96	175.18	170.56	187.37	169.72	183.70	203.37	206.56	164.90	150.52	147.64	1759.52
Recovery (RDF + Moisture)	192118.07	16602.15	15976.23	16625.94	15477.07	16131.04	14933.98	15222.73	15708.03	15670.02	16432.92	158780.11
Ferrous	1559.00	114.00	136.23	111.43	110.43	110.95	111.65	88.32	119.37	122.46	139.92	1164.76
Non-Ferrous	302.01	12.89	21.99	26.16	13.36	16.03	23.59	14.03	46.18	28.05	53.60	255.88
Fines	12630.64	825.19	1250.49	1249.74	1046.55	1026.22	989.82	1005.91	1044.20	1046.36	1058.54	10543.02
Glass & Stone	5497.66	588.74	640.92	599.22	540.56	522.07	557.31	646.52	491.67	476.00	635.96	5698.97
Plastic	3508.25	311.00	330.82	375.33	288.88	276.89	267.59	488.81	436.60	299.64	174.78	3250.34
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	23497.55	1851.82	2380.48	2361.88	1999.78	1952.16	1949.96	2243.59	2138.02	1972.50	2062.80	20912.99
Ferrybridge Metals	2406.89	200.15	201.09	211.07	198.51	197.73	183.02	182.25	183.59	190.31	205.08	1952.80
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	2365.16	154.52	234.16	234.02	195.97	192.17	185.35	188.36	195.53	195.94	198.22	1974.24
Recycling Total	28269.60	2206.50	2815.74	2806.97	2394.26	2342.05	2318.33	2614.21	2517.14	2358.75	2466.10	24840.05
Outbound Total	219886.58	18629.15	18527.27	19175.20	17646.56	18266.90	17097.31	17672.88	18010.95	17793.04	18643.36	181462.62

**Figure 1 – Contract Outputs**



## 2.1.5. Process Performance

**Table 4 - Year to date Bolton Road Process Performance**

Performance	2020/21	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	YTD 2021/22
Recycling (%)	13.80%	12.39%	17.47%	16.43%	13.73%	14.72%	13.89%	16.57%	15.56%	13.70%	15.14%	14.77%
Diversions (%)	97.88%	95.60%	103.53%	101.09%	91.48%	102.31%	92.79%	101.34%	101.61%	94.07%	102.78%	97.80%
Moisture Loss (%)	28.82%	31.55%	28.04%	27.69%	27.39%	30.32%	30.07%	30.96%	32.62%	30.73%	29.13%	29.18%

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

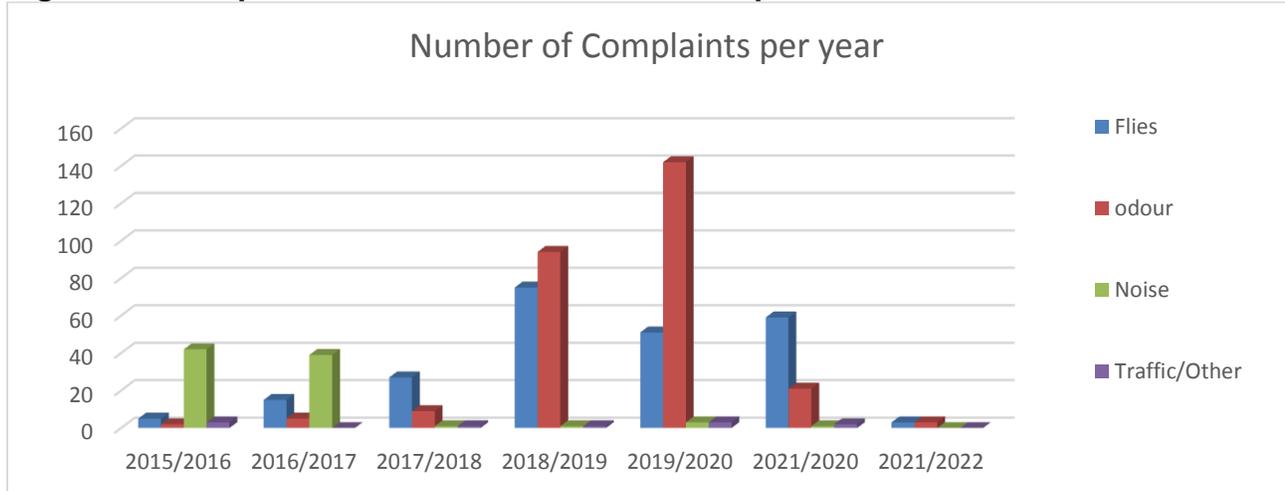
**Table 5 - Complaints received by month**

2021/22	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Total
Flies	0 (0)	0 (0)	2 (2)	0 (5)	0 (2)	1 (0)	0 (0)	0 (0)	0 (0)	0 (0)	3 (9)
Noise	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (1)	0 (0)	0 (1)
Odour	2 (0)	0 (0)	0 (0)	0 (4)	0 (1)	1 (0)	0 (0)	0 (0)	0 (0)	1 (1)	4 (5)

(#\*) Classified 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 were no new fly complaints received up to January 2022, either direct, via the Councils or the EA. Fly numbers on site continue to hold at really low numbers. With the current Fly Management procedure employed, these historically low numbers are expected to continue into the winter months.
- 2.2.2. There was one new odour complaint received up to January 2022 via the EA. Analysis indicates no processing operations were underway and the wind was not in the direction of the resident's property. It has been classed as unsubstantiated
- 2.2.3. There was one new noise complaint received up to January 2022. After repeated attempts to contact the complainant for more information (without response) It has been classed as unsubstantiated.

**Figure 2 – Complaints received over the contract period**



### **2.3 Fire Protection Improvements**

2.3.1 All outstanding snagging actions on the fire protection system have now been completed and it is fully operational. Therefore, this item will be removed from future reports.

### **2.4 Acid Scrubber**

2.4.1 The contractor has completed all the installation work. Renewi staff are currently undergoing training, commissioning, and testing. Once full and final technical manuals have been handed over this installation will be complete.

### **2.5 Barnsley Transfer Station – Grange Lane**

2.5.1 Dilapidation Works - All delays work has now been completed. We are still awaiting BMBC to commission a survey of a schedule of conditions to set out a Standard for Renewi to adhere to in order to keep the site in a good and tenable condition to the end of the contract.

2.5.2 Fire Update – Fire and security system still working well, one alarm triggered on the 25th of December. The Monitoring Centre reviewed CCTV footage but no smoke was detected, for precaution the Fire Brigade was alerted. The Fire Brigade advised that they would not attend as there was no evidence of a fire. The device was reset and there have been no further issues.

### **2.6 Health and Safety**

2.6.1 One hundred and nineteen close calls were raised in January 2022 generating a ratio of 1.83 close calls raised per employee per month with a close out rate for the recorded actions of 77%.

2.6.2 There have been three accidents in January 2022 - A slight bruising of a knuckle caught on a protruding scaffolding bolt, a sustained friction burns on a palm of a hands whilst attempting to remove bolts and a cut to the knee through accidentally walking into an Armco barrier.

2.6.3 There have been no new environmental incidents up to January 2022.

2.6.4 There have been no new fire evacuations up to January 2022.

2.6.5 Over the weekend of 29th and 30th of January, high winds caused the refinement dedusting stack to tilt towards the building. The area was secured until a safe inspection could be undertaken. Breaks to some welds at the base of the silencer section caused the upper section of the stack to become unstable. The unstable section has been removed from height. A plan is currently under development to repair or replace the affected sections, The stack will be replaced once the findings of the examination have been completed The EA has been informed and a note sent to Ward members. Fans feeding the stack will be ramped down to mitigate any additional noise.

**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	94	0	0	0	0	0	0	2
May	99	0	0	0	0	0	0	0
June	97	2	0	0	0	0	0	1
July	97	1	0	0	0	0	0	1
August	84	0	0	0	0	0	0	0
September	131	2	0	0	0	0	0	2
October	123	4	0	0	0	0	0	0
November	111	4	0	0	0	0	0	1
December	99	2	0	0	0	0	0	1
January	119	3	0	0	0	0	0	0
<b>YTD Total</b>	<b>957</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>

### 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 minor variations to the contract to improve the overall service delivery, processes, performance, and contractual interaction between BDR and the contractor.

The legal locum has been assisting on other Barnsley, Doncaster and Rotherham contracts as shown in section 7.

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

BDR Team have again formally rejected the amended JICR and issued a letter outlining where we still disagree with the calculation used in formulating the JICR

All parties are still working under the previous formal letter issued by the BDR team and accepted by the SPV agreeing to suspend the contractual time frame for either agreeing the JICR or entering Dispute Resolution. This has been agreed as both parties are working in good faith to resolve the impasse over JICR.

It should be noted that the BDR position on JICR is not unique and many JICR are not as yet agreed. Further guidance on the application of the contract in relation to JICR is expected although there is as yet no indication of when this will be available.

#### 4 Financial

**Table 7 - Operational Management Budget 2021/22**

<b>21/22 Budget - Approved by JWB</b>			
	<b>2021-22 Budget</b>	<b>Forecast</b>	<b>Variance</b>
Management	£132,000	£118,015	-£13,985
Administration	£25,000	£20,722	-£4,278
Call off Legal	£65,000	£144,254	-£23,746
External Finance	£35,000		
External Legal	£0		
External Technical	£20,000		
Insurance Advisors	£10,000		
Call off Finance	£0		
Call off Technical	£38,000		
Projects	£0	£0	£0
<b>Total</b>	<b>£325,000</b>	<b>£282,991</b>	<b>-£42,009</b>

4.1 After approval from Joint Waste Board in September, the Operation Management Budget was increased from £287,000 to £325,000 (+£38K) to cover the additional spend of £59k for the RMBC commissioned, Local Partnership produced, HWRC

options appraisal project. The report has now been received by the Councils and the cost of this work has been invoiced, and will be split three-ways between B.D.R councils and recharged in the March 2022 claim.

- 4.2 Savings continuing to be made in the Management section of the budget as, the Senior Contract Officers role vacant two days remain unfilled. The situation is currently being evaluated and scoped with RMBC HR Consultants. Should the vacant hours be filled, or re-distributed, these forecasted savings will reduce.
- 4.3 Due to the delay in Government issuing their response from the consultations on the Resource and Waste Strategy, and the subsequent delay in producing secondary legislation from the R&WS and Environment Act, savings have been made in the use of Legal, Financial and Technical advisors in interpreting these legislative changes. It is anticipated work on this area will commence early 2022/23
- 4.4 Individual budget lines will be re-profiled monthly as we reach year-end.

## **5 Communications**

### **5.1 Press Releases**

- 5.1.1 In January, two press releases were issued. One about a deadline extension for applications to the Renewi Corporate Social Responsibility Fund. Another press release regarding recycling electricals and tech stuff, and not throwing them in the bin.

### **5.2 Community Education Liaison Officer (CELO)**

#### 5.2.1 Social media -

Posted every Friday #FoodWasteFriday. The focus of the posts was reducing food waste, New Year's resolutions, best before vs use by dates, vegetables and garlic and ginger. Received 214,851 impressions this year.

Posted every Tuesday #ReuseRevolution. The theme in January was electronics and gadgets. Received 87,870 impressions this year.

Posted every 1st and 2nd Monday of the month #RubbishMythBusting. The myth for January was 'all plastic is the same and can be recycled in my recycling bin'. Received 28,075 impressions this year.

Although the first stage of the Love Your Clothes is completed, clothes waste messaging will continue to be posted and shared from the official Love Your Clothes campaign social media. So far, the campaign has received 189,786 impressions.

- 5.2.2 Hubbub Campaign – Insight gathering sessions with the Council's waste officers, neighbourhood teams, communications teams and portfolio holders have been

completed as well as insight gathering with residents. Pilot interventions have been selected for all areas. The Barnsley intervention began in January. The final version of the Doncaster video was distributed in January and is set to launch in the forthcoming weeks. Hubbub are currently liaising with the developers of the Bartec app, commissioned by Rotherham Council, to integrate the intervention with the app. The quiz questions were approved by the waste management and communications teams at Rotherham. A mock-up of the design of the quiz was distributed for comment.

5.2.3 The 21/22 Community Social Responsibility Fund (CSRf) fund launched at the end of December. A press release was distributed about the fund and included the feedback from the successful 20/21 projects. Information about the fund and volunteering time was also added to both the BDR online and Waste Less South Yorkshire website. Initially the deadline was 31st January however due to low application numbers from Doncaster, the deadline was extended until the 18th of February.

## **6 Resources**

6.1 The BDR team have 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 are 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 at this point in time.

## **7 Joint working and BDR support**

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

### **BMBC**

- Variations to the BTS contract with Barnsley to allow Paper and Card to be managed at BTS as a contingency measure.
- Continued support with garden waste contract
- Facilitating completion of delays work at BTS
- The CELO is assisting BMBC with operational changes.
- Legal support on HWRC contract interpretation
- Facilitating non-contract and contract additional /new waste stream disposals.

### **DMBC**

- Assistance with the development of the Doncaster Environmental Strategy
- Legal support on HWRC contract interpretation - Red Diesel / Reuse bonus inflation

## **RMBC**

- Support with recruitment process for office staff.
- The BDR Manager is a Climate Change Champion for RMBC
- Support for Technical Officer on inputting of WasteDataFlow.
- Support of Contract Manager on review and creation of recycling and waste monitoring spreadsheets.

## **BDR**

- Co-ordination of Commercial Waste meeting to improve B.D & R offering
- Solutions and progression of HWRC contract variation requirements
- Leading on scoping of new HWRC provision and solution post 2023 – New contract
- South Yorkshire Municipal Waste Strategy
  - Changes required due to Resource and Waste Strategy
  - Pre-work on Strategic Review of SYMWS as requested at JWB

## **8. Glossary of Terms**

<b>Term</b>	<b>Definition</b>
<b>A2A (formerly Ecodeco)</b>	Italian company who research, design, construct, and manage plant and equipment for the disposal of waste.
<b>Anaerobic Digestion (AD)</b>	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.
<b>Compliance Assessment Report (CAR) form</b>	A CAR form is used by Environment Agency officers when assessing compliance with Environmental Permits.
<b>Compliance Classification Scheme (CCS)</b>	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
<b>Compositional Analysis</b>	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).
<b>Covid</b>	COVID-19 is a disease caused by a new strain of coronavirus. 'CO' stands for corona, 'VI' for virus, and 'D' for disease. Formerly, this disease was referred to as '2019 novel coronavirus' or '2019-nCoV.
<b>Department for Environment, Food and Rural Affairs (DEFRA)</b>	The UK government department responsible for policy and regulations on environmental, food and rural issues.
<b>Environment Agency (EA)</b>	An executive non-departmental public Body responsible to the Secretary of State for Environment, Food and Rural Affairs for issues affecting the environment.
<b>FCC Environment</b>	One of the UK's leading waste and resource management companies.
<b>Facebook</b>	Facebook, Inc. is an American online social media and social networking service company.
<b>Ferrybridge Multifuel 1/Multifuel 2 (FM1/FM2)</b>	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)

<b>Household Waste Recycling Centre (HWRC)</b>	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.
<b>Joint Waste Board (JWB)</b>	The Statutory Committee comprising Portfolio Holders and Senior Officers with responsibility for waste.
<b>Jones Celtic BioEnergy (JCBE)</b>	Is a leading innovator who will take a project from concept through to operation. Who provide a complete solution for the generation of renewable energy from biodegradable sources, such as municipal waste, food waste, agricultural waste and biomass. We offer unparalleled delivery of a range of BioEnergy technologies which are modelled and tailored to the specific requirements of our clients.
<b>Mechanical Biological Treatment (MBT)</b>	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.
<b>Microsoft Teams</b>	Is a business-oriented communication and collaboration platform that combines workplace chat, video meetings, file storage, and application integration.
<b>Private Finance Initiative (PFI)</b>	Mechanism for creating "public-private partnerships" (PPPs) by funding public infrastructure projects with private capital.
<b>Refuse Collection Vehicle (RCV)</b>	The collection of rubbish and waste, usually in a rubbish or refuse truck, before final disposal.
<b>Renewi BDR Ltd</b>	Following SSE's exit from Ferrybridge, Renewi now control 100% of the SPV. The new name of this business entity is Renewi BDR Limited
<b>Solid Recovered Fuel (SRF)</b>	A fuel produced by shredding and dehydrating solid waste (MSW) with a waste converter technology.
<b>Waste Data Flow</b>	WasteDataFlow is the web-based system for municipal waste data reporting by UK local authorities to government.
<b>Waste Infrastructure Credits</b>	Awarded by DEFRA to incentivise local authorities to develop infrastructure to treat waste as an alternate to landfill.
<b>Waste Transfer Station (BTS)</b>	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.
<b>Waste and Resources Action Programme (WRAP)</b>	WRAP works with governments, businesses and communities to deliver practical solutions to improve resource efficiency.

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