



Essex Recycling Partnership Monitoring Report



Essex Recycling Partnership

Quarter 2 - 2015

Table of Contents

Contents

Summary	2
Background to the scheme	3
Quarter Objectives and Progress	4
Performance Analysis	6
Comparison of 2014/15 & 2015/16 data	7
Comparison of Q1 15/16 and Q2 15/16 data	11
15/16 trend data vs. 15/16 Actual Data	12
Progress towards meeting our key commitments.....	13
Meeting the Objectives set out in the Bid	16
Q3 15/16 trends and predictions.....	16
National Comparison	17
Issues Log	18

Essex Recycling Partnership- Q2 2015/16 report

Summary

This report outlines the progress made by the Essex Recycling Partnership to achieve the project objectives and commitments made within the project bid submitted to the Department for Communities and Local Government in November 2014.

Contained herein is an evaluation of the outputs delivered following the second quarter of the scheme's implementation between July and September 2015. This report seeks to provide a comparative analysis of District-level performance between Q2 2014/15 and Q2 2015/16, analysing the non-data outputs and evaluating these against performance commitments made within the bid.

As the scheme has now progressed into its second quarter, more information is available for the Partnership to begin to identify any successes or difficulties they may have had. We can therefore begin to determine whether the Partnership is on course to deliver on the objectives set out in the bid. It is worth noting that the scheme is not due to rollout until phase two begins in October 2015, so we expect there to be very little positive or negative change from the previous quarters. This report does however present an opportunity to highlight potential issues and put in place mitigations prior to the schemes rollout.

As with Quarter 1, Partners are still experiencing localised issues which are affecting the delivery of objectives. These are affecting Partner's ability to deliver the data sets required to complete a comprehensive report. In addition, initial timescales set for data collection and report writing will be revised upon discussion with partners, fitting with the availability of data from each. See the 'issues log' section for further detail.

Background to the scheme

In March 2015 a partnership of four Essex District Council's secured £896,468 of funding from the Department for Communities & Local Government (DCLG) to develop and implement "Recycling Reward Schemes" in Braintree District Council, Epping Forest District Council, Harlow District Council and Tendring District Council. These councils are working together as part of the coordinated scheme which will reward residents for reducing and recycling their waste.

The outcome for this partnership is to maximise participation, increase capture rates of recycled materials and enhance customer satisfaction. Over the lifetime of the project the scheme will be delivered to 114,500 properties and 97 schools through targeted education initiatives and an incentivised rewards scheme resulting in:

- 97 schools adopting weekly food recycling.
- 11,000 properties in flat blocks receiving a new recycling service.
- Total projected financial benefits of £396,757 over the course of the scheme.
- A projected total reduction in landfill waste of 9154 tonnes.

The four Districts' activities vary due to the different levels of service provided in each locale at the start of the scheme. However, all share the same aim of increasing and improving the volume and quality of recyclate collected in each district to remove total waste tonnage sent to landfill. Braintree District Council and Epping Forest District Council do not currently provide recycling schemes to flats, so the starting project in these authorities will focus on providing the capital infrastructure required for commencement of a collection scheme in these localities.

In Tendring the authority already runs a recycling service for flats. The focus of their project will be to replace the existing waste receptacles in flats with lockable units to reduce contamination of recycled materials. The authority will also work with Braintree District Council to introduce a food waste service for schools and have bid for the capital infrastructure to support this.

Harlow Council already runs a successful recycling scheme in both schools and flats; the project in their area is focused on increasing community engagement and understanding of recycling. They will provide five highly visible Greenredeem kiosks in central locations within the district, to facilitate this educational activity and to reward residents for recycling on-the-go.

Quarter Objectives and Progress

The key focus of the second quarter of 2015/16 (July-September) for the four districts was;

- to continue to build upon the initial design and implementation work from Q1
- Have preparation complete, ready for the roll-out of the scheme to begin in Phase 2, starting in October 2015.

Seven key objectives were set to be met in Q2 by the four districts, and these were:

<i>Objective</i>	<i>District</i>
Agree sites for placement of "Green redeem" Kiosks	HDC
Prioritise schools for the first phase of the schemes roll-out	BDC/TDC
Survey all flatted developments in the district to assess placement of bins	BDC/EFDC/TDC
Joint tender for the supply of recycling receptacles launched	BDC/EFDC/TDC
Joint tender for the supply of recycling receptacles awarded	BDC/EFDC/TDC
Prioritise flats for the first phase of the scheme roll-out	BDC/EFDC/TDC
Begin communications campaign in the schools and flats	BDC/EFDC/TDC

Partner Specific Study:

Below is a breakdown of activities undertaken by Partners against the objectives set for Q2.

Braintree District Council

Braintree District Council (BDC) had six objectives in quarter 2; of these they achieved all six. Building on the work with flatted developments in the previous quarter, specifications have been completed for recycling bins and reusable bags and tenders are in progress. A timetable for roll-out has been drafted and the bags, bins and associated signage and promotional material has been designed and ordered. Work with schools has also continued. A recruitment drive mailout to schools to join the new food waste collection scheme has been sent and communications regarding education opportunities and reward schemes have begun.

Tendring District Council

Tendring District Council (TDC) were initially tasked with meeting six objectives, however this has since been amended to four. Along with BDC and Epping Forest District Council (EFDC) the original aim was a joint tender of recycling receptacles being launched and then later awarded. However as BDC is at a more advanced stage than TDC in this regard, and EFDC are significantly delayed with their part of the scheme, BDC have gone to tender alone. TDC plan to complete this part of the scheme in Q3.

Since the end of the school summer holidays, all primary schools in the district have been written to and rollout of the food waste scheme has commenced. An audit of all

medium and large flatted developments has been undertaken in this quarter and flats with no recycling have been prioritised for the commencement for the rollout of waste receptacles. So far 15 blocks of flats have received these. TDC have therefore exceeded their Q2 objectives as roll out was not scheduled to begin until Q3. Additionally, leaflets have been provided to both flats and schools where these new services have been provided, further promoting this scheme.

Harlow District Council

Harlow District Council's (HDC) main objective remains the green redeem kiosk scheme which is planned for implementation in Q3 2015-16. Feedback received from Q1 cited that no hosts for the kiosks had been confirmed, but HDC was still optimistic that this could be achieved within the timescales.

Since Q1 however, it has emerged that they are experiencing significant difficulties securing sites for their Green redeem kiosks, with only one site confirmed to date. Despite extensive efforts, it is looking highly unlikely that they will be able to find sites for the remaining four kiosks, meaning that it is unlikely that they will fulfil their part of the bid. As such, they are looking at various options to deliver an alternative scheme within Harlow. Currently, new ideas are being explored and the DCLG will be contacted for advice and new proposals raised.

Epping Forest District Council

The significant local issues experienced by Epping Forest District Council (EFDC) since Q1 have continued. The authority was forced to delay the implementation of the Recycling Rewards Scheme and as expected, these issues have also affected the quality of the data presented as part of the Q2 monitoring. Data such as recycling tonnages will very likely show a large decrease from Q2 2014/15 to Q2 2015/16, but no accurate data is available to evidence this yet. Additionally, reporting of contamination has been sporadic since the changeover, resulting in no comprehensive data being available. Therefore much of the information requested in the collection sheet could not be provided at this time, and what has been provided has been advised to be an approximation of the information available.

Despite the discussed difficulties, EFDC has been successful in other areas. Managing agents have been identified for 50% of flatted developments and all flatted developments included in the scheme have been identified. Promotional leaflets for these flats are being produced. Furthermore, quotes have been requested for re-usable bags as part of the procurement process.

Performance Analysis

To monitor and evaluate whether the scheme has been a success in Q2 of 15/16, some key parameters have to be analysed, these are:

- Total households benefitting from the scheme
- Total Number of flats taking part in the scheme
- Total Number of Schools taking part in the scheme
- Total Number of Households with weekly residual waste collection
- Total households receiving a weekly food / organic waste collection
- Total Recyclate Collected in the District (t)
- District-Wide Recycling rate (%)
- Total Food Waste Collected (t)
- Total Dry Recyclate Collected (t)
- Total value of recyclate collected in District (£/t) (Dry only)
- Total contamination rate across district (t)

Additionally, and upon recommendation of the Partnership at the Q1 Partnership meeting, a further parameter was added:

- Total tonnage of residual waste collected in the district.

This is because the decrease of residual waste collected is a key benefit of this project, and a measure of recyclate collected alone is not a sufficient enough measure to identify this.

Measuring these parameters helps to show whether the districts as a partnership are performing correctly and meeting their targets. The data can also show us whether each District is individually achieving their designated goals for each quarter.

Collated District figure analysis 2014/15 with trends

Year	14/15				15/16			
	1	2	3	4	1	2	3	4
Total recyclate collected in the District (t)	23995	23438	20066	18230	24532	22681	20301	18243
Recycling rate across District (%)	48.53	48.05	45.03	43.58	48.98	47.37	45.31	43.57
Total food waste collected (t)	7766	7256	5840	4765	7970	7009	5857	4785
Total dry waste collected (t)	11395	11751	11485	12064	11413	11594	11731	12014
Total contamination across district (t)	293	375	556	434	324	397	452	460
Total contamination across district (%)	2.5	2.4	3.7	2.9	2.5	2.8	3.1	3.0
Total residual waste to landfill/incineration (t)	23445	23637	23578	23516	23521	23567	23545	23532

Using the 14/15 data between Q1 and Q4 an estimate for Q2 in 15/16 has been forecasted. The results predict a decrease in this quarter in areas such as recyclate collection, food waste collection and recycling rate. Those that have showed an increase relate to the contamination rate which of course opposes the Partnership's aims set out in the bid and justifies the necessity of the scheme.

Comparison of 2014/15 & 2015/16 data

It is important to note that the data collection for this quarter has been affected significantly by the localised issues faced by partners since the implementation of the scheme.

The challenges faced by the change to the four day collection week experienced by Epping Forest has further impacted their ability to deliver complete data sets in this quarter. Therefore, an accurate analysis is not possible as we do not currently have sufficient data with which to draw conclusions.

A Partnership analysis therefore reveals noteworthy decreases in many areas where data has been provided. Analysis therefore has been completed on a partner-by-partner basis in addition to the Partnership as a whole.

It is also important to note that there are eight phases within this scheme, and at present only phase one has been completed. The scheme does not begin the first stages of rollout until Q3, which means the data we have received to date is largely uninfluenced by the scheme.

Although the lack of some data is not an ideal situation, at this stage the absence of data is not critical. The information in this quarter will still provide a useful baseline to measure the initial successes of the scheme after it is rolled out in quarter 3, beginning October 2015. The end of 2015-16 evaluation (Q4) will enable a greater depth of conclusions on the effectiveness of the scheme to be reached.

Partnership analysis:

	Q2 2014/15 actual	Q2 2015/16 actual	change from previous year	% Change
total number of households in the district	222373	222395	22	0.01
total households benefitting from the scheme	0	6592	6592	N/A
total number of flats taking part in the scheme	311	352	41	34.75
total number of schools taking part in the scheme	118	125	7	5.9
total number of households with weekly residual waste collection	83056	83077	21	0.025
total households receiving a weekly food/organic waste collection	158144	157697	-447	
Total Tonnage of residual waste collected in district (t)	18248	18534	286	1.56
total recycle collected in the district (t)	23302	22210	-1092	-4.69
district-wide recycling rate (%)	47.51	46.75	-0.76	N/A
total food waste collected (t)	7256.38	6879.4	-376.98	-5.19
total dry recycle collected (t)	11751.15	11534.22	-216.93	-1.85
total value of recycle collected in district (£t) (Dry only)	713177.29	700011.81	-13165.48	-1.85
total contamination rate across district (t)	275.01	260.24	-14.77	-5.37
total number of rejected dry recycle bins (flats)	25	28	3	12
total tonnage of rejected dry recycle bins (flats)	0	0	0	0
total number of rejected food waste bins (flats)	0	0	0	0

EF have not been able to provide data

The information in this table is a fair reflection of the issues partners have faced in this quarter. Highlighted is the data absent from Epping Forest. They reported that they are still experiencing difficulties with collections and obtaining data since their contractor's changeover to a four day week in May 2015. This may have had an effect on recycling tonnages and a likely decrease was predicted between Q2

2014/15 and Q2 2015/16. Additionally, the reporting of contamination has been sporadic resulting in their data for this area being absent.

A picture of the schemes early output can better be seen by looking at the Partner's individual performances below:

Braintree District Council

	Q2 2014/15 actual	Q2 2015/16 actual	Change from previous year	% Change
Total number of households in the District	62449	62449	0	0
Total Households benefitting from the scheme	N/A	6592	N/A	N/A
Total Number of flat blocks receiving a food waste collection	0	0	0	0
Total Number of flat blocks receiving a dry recyclate collection	19	45	26	136.84
Total Number of schools receiving a food waste collection	0	2	2	200
Total Number of schools receiving a dry recyclate collection	53	53	0	0
Total Number of Households with weekly residual waste collection	6592	6592	0	0
Total households receiving a weekly food / organic waste collection	56681	56681	0	0
Total tonnage of residual waste collected in the district (t)	6543	6660	117	1.79
Total Recyclate Collected in the District (t)	8685	7765	-920	-10.59
Total Recycling rate in the District (%)	57.4	53.8	-3.6	-3.6
Total Food Waste Collected (t)	1094	1069	-25	-2.29
Total dry Recyclate Collected (t)	3610	3416	-194	-5.37
Total recyclate contamination rate across district (%)	1.5	1.6	0.1	0.1
Total contamination rate of recyclate across District (t)	136	125	-11	-8.08
Total Number of rejected dry recyclate bins (flats)	N/A	11	N/A	N/A
Total Number of rejected Food Waste bins (flats)	N/A	N/A	N/A	N/A
Total Number of reject dry recyclate bins (schools)	N/A	N/A	N/A	N/A
Total Number of rejected Food Waste bins (schools)	N/A	0	N/A	N/A
Number of recycling receptacles procured & rolled out	N/A	2	N/A	N/A

Braintree's largest success in this quarter is the 136.84% increase in the number of flatted developments receiving a dry recyclate collection. Additionally, two schools have begun the food waste collection scheme.

Another significant statistic is the 8.08% decrease in the contamination of recyclate across the district. A reduction of 11t to 125t from the previous year is in line with the schemes objective, and as the scheme is still in its initial stages, one would hope to see continued reduction once the scheme is rolled out in October 2015.

Epping Forest District Council

	Q2 2014/15 actual	Q2 2015/16 actual	Change from previous year	% Change
Total number of households in the District	55111	55111	0	0
Total Households benefitting from the scheme				
Total Number of flat blocks receiving a food waste collection	92	94	2	2.17
Total Number of flat blocks receiving a dry recyclate collection	473	476	3	0.63
Total Number of Households with weekly residual waste collection	794	740	-17	-2.14
Total households receiving a weekly food / organic waste collection	49195	49212	17	0.03
Total tonnage of residual waste collected in the district (t)				
Total Recyclate Collected in the District (t)	8511	8121	-390	-4.58
Total Recycling rate in the District (%)	61	59	-2	N/A
Total Food Waste Collected (t)	4897	4582	-315	-6.43
Total Dry Recyclate Collected (t)	3614	3539	-75	-2.08
Total recyclate contamination rate across district (%)	1.86	2.65	0.79	N/A
Total Number of reject dry recyclate bins (flats)				
Total Number of rejected Food Waste bins (flats)				
Number of recycling receptacles procured & rolled out	N/A			

There are some very significant percentage changes for Epping Forest in this quarter compared to the same quarter in the previous year. Total recyclate collected has decreased markedly by 4.58% as has total food waste collected by 6.43%. These changes however are likely the result of the waste collection issues that have already been explained in this report. Epping Forest has reported that although information has been provided, the accuracy of it may be subject to some scrutiny for this reason. This decrease in many of the collection data points is line with the decreases seen in Q1 and therefore any future quarters are likely to show similar decreases until the issues are resolved.

Harlow District Council

	Q2 2014/15 actual	Q2 2015/16 actual	Change from previous year	% Change
Total number of households in the District	36463	36485	22	0.06
Total households benefitting from the scheme	N/A	0	N/A	N/A
Total Number of Households with weekly residual waste collection	8114	8135	21	0.26
Total households receiving a weekly food / organic waste collection	36463	36016	-447	-1.23
Total tonnage of residual waste collected in the district (t)				
Total Recyclate Collected in the District (t)	3252	3412	160	4.92
Total Recycling rate in the District (%)	2985	3013	28	0.94
Total Food Waste Collected (t)	44.67	46.01	1.34	1.34
Total Dry Recyclate Collected (t)	780	765	-15	-1.92
Total Contamination rate across District (t)	2119	2152	33	1.56
Total Contamination rate across District (t)	99	102	3	3.03
Total recyclate contamination rate across district (%)	5	5	0	0
Number of recycling receptacles procured & rolled out	N/A	N/A	N/A	N/A
Number of green redeem kiosks in operation	N/A	0	0	0
Total number of quarterly users	N/A	0	0	0
Total Tonnage connected	N/A	0	0	0

Harlow's figures are largely negligible. The percentage changes (both positive and negative) are minor and have not been influenced by the scheme as yet due to the issues Harlow have had around situating their 'Greenredeem' Kiosks. It is however worth noting the 1.34% increase in the recycling rate in the district and one would

hope to see this trend continue, aided by the education and incentives provided by the kiosks, once the issues are resolved.

The key areas of note here however are the increases in collection of residual waste and increased tonnage of contaminated waste. These are the areas the scheme hopes to reverse.

Tendring District Council

	Q2 2014/15 actual	Q2 2015/16 actual	Change from previous year	% Change
Total number of households in the District	68,350	68350	0	0.00
Total Households benefitting from the scheme	0	0	0	0.00
Total Number of flat blocks receiving a food waste collection	0	0	0	0.00
Total Number of flat blocks receiving a dry recyclate collection	292	307	15	5.13
Total Number of schools receiving a food waste collection	0	5	5	500.00
Total Number of schools receiving a dry recyclate collection	65	65	0	0.00
Total Number of Households with weekly residual waste collection	68,350	68350	0	0.00
Total households receiving a weekly food / organic waste collection	65,000	65000	0	0.00
Total tonnage of residual waste collected in the district (t)	8453	8462	9	0.10
Total Recyclate Collected in the District (t)	3121	3311	190	6.09
Total Recycling rate in the District (%)	26.97	28.12	1.15	1.15
Total Food Waste Collected (t)	485.38	463.40	-21.98	-4.53
Total dry Recyclate Collected (t)	2408.15	2427.22	19.07	0.79
Total recyclate contamination rate across district (%)	1.28	1.00	-0.28	-0.28
Total contamination rate of recyclate across District (t)	40.01	33.24	-6.77	-16.92
Total Number of rejected dry recyclate bins (flats)	25	17	-8	32.00
Total Number of rejected Food Waste bins (flats)	0	0	0	0.00
Total Number of reject dry recyclate bins (schools)	0	0	0	0.00
Total Number of rejected Food Waste bins (schools)	0	0	0	0.00

The most significant increases this quarter are; the five new schools taking part in a food waste collection scheme, as well as 30 recycling receptacles have been procured and rolled out to flatted developments. We can see that Tendring are on track with these objectives. Furthermore, contamination was reduced by 6.77t, and the number of dry recyclate bins rejected was reduced by 8 to 17. One would hope that this trend continues through the scheme once the new lockable receptacles are more widely used in all identified flatted developments.

Comparison of Q1 15/16 and Q2 15/16 data

As Partners are making different contributions to the rewards scheme, comment can be made against their individual objectives.

Braintree District Council

	Q1 2015/16 actual	Q2 2015/16 actual	Change from previous quarter	% Change
Total number of households in the District	62449	62449	0	0
Total Households benefiting from the scheme	6592	6592	0	0
Total Number of flat blocks receiving a food waste collection	0	0	0	0
Total Number of flat blocks receiving a dry recyclate collection	45	45	0	0
Total Number of schools receiving a food waste collection	0	2	2	200
Total Number of schools receiving a dry recyclate collection	53	53	0	0
Total Number of Households with weekly residual waste collection	6592	6592	0	0
Total households receiving a weekly food / organic waste collection	56681	56681	0	0
Total tonnage of residual waste collected in the district (t)*	N/A	6660	N/A	N/A
Total Recyclate Collected in the District (t)	8583	7765	-818	-9.53
Total Recycling rate in the District (%)	56.0%	53.8	-2.2	N/A
Total Food Waste Collected (t)	1033	1069	36	3.48
Total dry Recyclate Collected (t)	3276	3416	140	4.27
Total recyclate contamination rate across district (%)	0.90%	1.6	0.5	N/A
Total contamination rate of recyclate across District (t)	77	125	48	62.34
Total Number of rejected dry recyclate bins (flats)	2	11	9	450
Total Number of rejected Food Waste bins (flats)	N/A	N/A	N/A	N/A
Total Number of reject dry recyclate bins (schools)	N/A	N/A	N/A	N/A
Total Number of rejected Food Waste bins (schools)	0	0	0	0
Number of recycling receptacles procured & rolled out	N/A	2	N/A	N/A

* Residual waste value not provided in Q1 15/16

There are two areas of focus when examining these results. Firstly, the total tonnage of recyclate has dropped quite significantly by 818 tonnes since the last quarter. Secondly, both the contamination rate and tonnage have increased. Though this is not ideal, when compare to Q2 14/15, there has been a slight decrease and this pattern is in keeping with the trends from 14/15. Again, the success of the scheme can be deemed if this trend is curbed in the coming quarters.

Harlow District Council

	Q1 2015/16 actual	Q2 2015/16 actual	Change from previous Quarter	% Change
Total number of households in the District	36463	36485	22	0.06
Total households benefiting from the scheme	NA	0	N/A	N/A
Total Number of Households with weekly residual waste collection	8114	8135	21	0.26
Total households receiving a weekly food / organic waste collection	36463	36016	-447	-1.23
Total tonnage of residual waste collected in the district (t)	N/A	3412	N/A	N/A
Total Recyclate Collected in the District (t)	2914	3013	99	3.39
Total Recycling rate in the District (%)	44.67	46.01	1.34	N/A
Total Food Waste Collected (t)	772	765	-7	-0.91
Total Dry Recyclate Collected (t)	2045	2152	107	5.23
Total Contamination rate across District (t)	97	102	5	5.15
Total recyclate contamination rate across district (%)	5%	5%	0	N/A
Number of recycling receptacles procured & rolled out	NA	N/A	N/A	N/A
Number of green redeem kiosks in operation	NA	0	N/A	N/A
Total number of quarterly users	NA	0	N/A	N/A
Total Tonnage connected	NA	0	N/A	N/A

Again, Harlow's performance since the previous quarter is largely negligible, owing largely to the delay in the rollout of the Greenredeem Kiosks. Whatever slight changes experienced in the data since the previous quarter has not been influenced by the scheme as yet. What we can see however, is that without the scheme,

Harlow's actuals in the last two quarters remain fairly consistent. A true assessment of the scheme can be undertaken in Q3 once the scheme has been rolled out, kiosk issues notwithstanding.

Tendring District Council

	Q1 2015/16 actual	Q2 2015/16 actual	Change from previous quarter	% Change
Total number of households in the District	68350	68350	0	0
Total Households benefitting from the scheme	0	0	0	0
Total Number of flat blocks receiving a food waste collection	0	0	0	0
Total Number of flat blocks receiving a dry recycle collection	292	307	15	5.14
Total Number of schools receiving a food waste collection	0	5	5	500
Total Number of schools receiving a dry recycle collection	65	65	0	0
Total Number of Households with weekly residual waste collection	68350	68350	0	0
Total households receiving a weekly food / organic waste collection	65000	65000	0	0
Total tonnage of residual waste collected in the district (t)	N/A	8462	N/A	N/A
Total Recyclate Collected in the District (t)	3436	3311	-125	-3.64
Total Recycling rate in the District (%)	28.44	28.12	-0.32	-0.32
Total Food Waste Collected (t)	451	463.40	12.40	2.75
Total dry Recyclate Collected (t)	2559	2427.22	-131.78	-5.15
Total recyclate contamination rate across district (%)	0.96	1.00	0.04	0.04
Total contamination rate of recyclate across District (t)	32.92	33.24	0.32	0.97
Total Number of rejected dry recyclate bins (flats)	14.00	17.00	3.00	21.43
Total Number of rejected Food Waste bins (flats)	0	0	0	0
Total Number of reject dry recyclate bins (schools)	0	0	0	0
Total Number of rejected Food Waste bins (schools)	0	0	0	0
Number of recycling receptacles procured & rolled out	0	30	30	3000

The most positive improvement in this quarter of the scheme is the rollout of 30 recycling receptacles in line with their objectives. Further progress has been made with the schemes effect on schools. Tendring were originally tasked with beginning their communications campaign in this quarter; however they have already managed to rollout a food waste collection to five schools.

There has however been a slight increase in rejected bins from flats, though at this stage of the scheme, this is of little significance.

15/16 trend data vs. 15/16 Actual Data

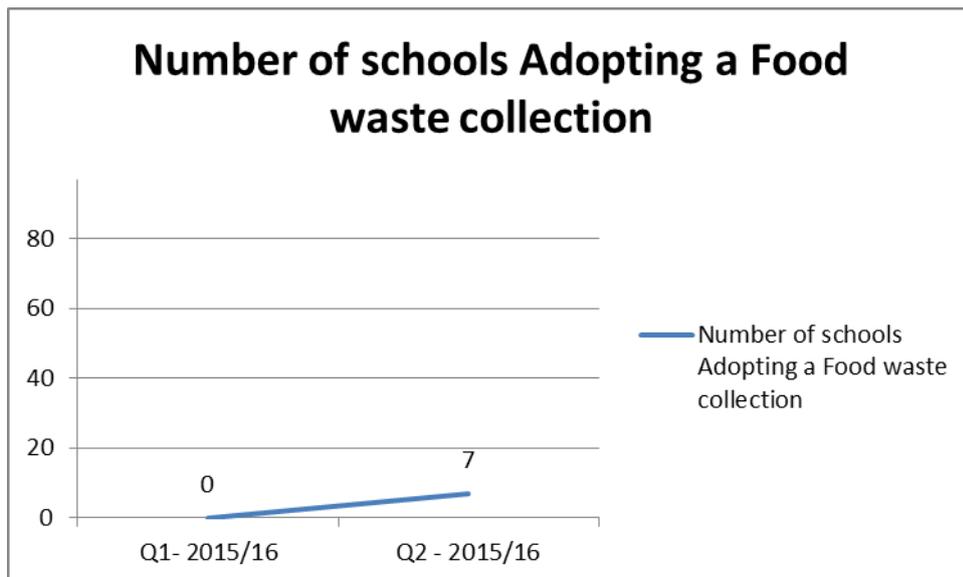
	15/16 Trend Data	15/16 Actual	% Change
Total recyclate collected in the District (t)	22681	22210	-2.08
Recycling rate across district (%)	47	47	0
Total food waste collected (t)	7009	6879	-1.85
Total dry recyclate collected (t)	11594	11534	-0.52

The trend data created using Q1-Q4 14/15 overestimated all 15/16 actual data. We can see that based on these predictions, the Partnership have collected less recyclate than anticipated. Once the scheme is rolled out in the coming months, one would hope to see the actuals begin to exceed the forecasted results.

Progress towards meeting our key commitments

From the data provided by partners we are able to make the following conclusions on the progress being made to meeting the key commitments as set out in the Recycling Rewards Scheme Bid.

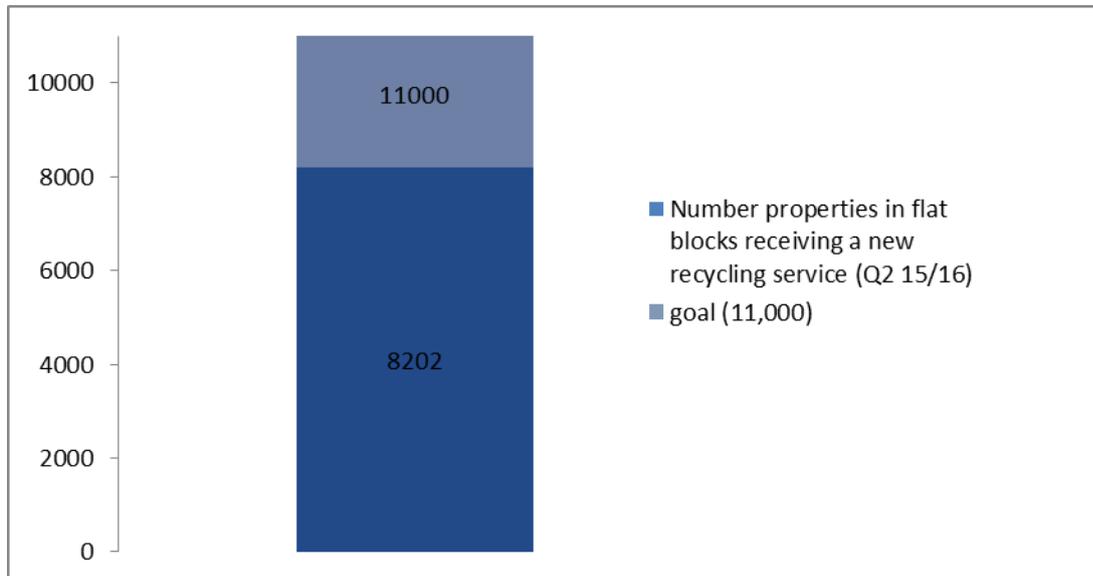
97 schools adopting weekly food recycling



Since Quarter 1, both Braintree and Tendring have experienced successes in the early stages of this part of the scheme.

Presently Braintree has two schools participating in their food recycling scheme, which is slightly ahead of schedule. Tendring has also experienced early successes with this commitment, and to date, the scheme has been rolled out to five schools. With the scheme due to be rolled out to the first 12 schools starting in Q3, this can be deemed as an early success for the Partnership.

11,000 properties in flat blocks receiving a new recycling service-



8,202 properties in flat blocks are currently involved in this scheme, which is encouraging for the early stages of a new scheme. The scheme has 76% of the properties needed to meet its target.

This figure was also quoted in the Q1 report, however it cannot be updated as the number of properties benefitting from the scheme has not been provided by Epping Forest and Tendring for Q2.

The number of flatted developments participating in the scheme has increased for Tendring in this quarter so one would expect that an increase in properties benefitting from the scheme will be reflected by the data in Q3.

Total financial benefits of £396,757 over the course of the scheme-

In this quarter the Partnership have collected 217 tonnes less of dry recyclate compare to the same quarter in the previous year. This therefore has generated £13,165.48 (based on recycling credit rate of £60.69 per tonne) less income for the Partnership.

It is anticipated that once the scheme is fully implemented the financial benefits of increased recyclate will increase exponentially and at this point it is too early to see real financial impacts due to early scheme roll-out.

A total reduction in landfill waste of 9154 tonnes-

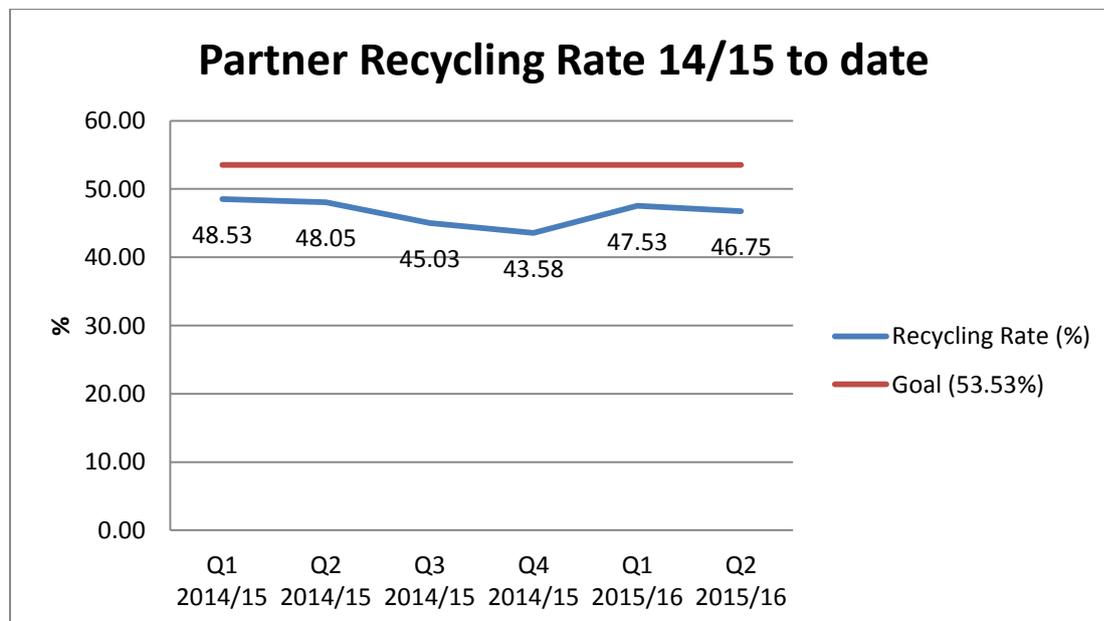
The amount of waste sent to landfills will reduce once more recycle is collected, however between Q2 14/15 and Q2 15/16 the percentage change in recycle collected reduced by 4.69%. Although Harlow and Tendring experienced minor increases in their recycle collection, Braintree and Epping Forest experienced significant decreases in recycle collection. This is something that the scheme can hopefully address once it is rolled out in October 2015.

It is anticipated that once more robust methods of collecting recycling from flats, schools and private dwellings are introduced then the total tonnage diverted from landfill will increase significantly.

It is also difficult to comment on the residual waste collected by the Partnership in this quarter as this figure could not be provided by Epping Forest. However, findings from the three other Partners did show a slight increase.

An increase in recycling rate by 5%

One of the core outcomes of the project is to increase the rates of recycling in flats and schools by up to 5%. Based on the Q1 figure for 14/15 the goal target would be a Partner recycling rate of 53.53%. Below are the recycling rates for the Partnership since Q1 14/15:



Meeting the Objectives set out in the Bid

The “outputs and benefits” section of the original bid document outlined three future positive impacts that would come from implementing this scheme. The three key data points to analyse within this document against real data now are:

Change in volume of recyclate collected:

- Total recyclate collected between Q2 14/15 and Q2 15/16 decreased by 1092 tonnes. Predictions made in the bid expected total recyclate tonnage to increase by 5059 tonnes over the course of 15/16 so there is some turnaround required for the Partnership to meet this target.

Total households benefitting from the scheme:

- The total households benefitting from the scheme in Q1 15/16 is 8202, which is some way off of the predicted 114,398 number of households benefitting from the scheme in 15/16 as set out by the bid. Again, the mitigating circumstances here are that the scheme has not gone beyond the planning and implementing stage to date.

Contamination rate across the district:

- The contamination rate predicted for the 15/16 annum was 642t, which is a quarterly figure of approximately 161 tonnes of contaminated recyclate.

Q1 15/16 presented a figure of 247 tonnes of contaminated recyclate which far exceeds the amount set out in the Bid.

Again Q2 15/16 revealed a further increase to 260 tonnes of contaminated recyclate which contradicts the predictions made in the bid. One must also bear in mind that this figure does not include the contaminated tonnage from Epping Forest, and much of this increase in contaminated waste is a result of the 62% increase reported by Braintree between Q1 and Q2 15/16.

Q3 15/16 trends and predictions

Using 14/15 actual data and also the figures for Q1 and Q2 of this financial year, we can try to forecast what results we may see in Q3. It is worth noting that the original trend analysis undertaken for the Q1 monitoring report used an incorrect recycling rate of 5% provided by Harlow in their 14/15 data submission. It has since been identified and updated to reflect the actual recycling rates for this period.

These numbers could be used as useful baseline to measure any future successes.

Year	Actuals						Predicted
	14/15				15/16		15/16
Quarter	1	2	3	4	1	2	3
Total recycle collected in the District (t)	23995	23438	20066	18230	23291	22210	20331
Recycling rate across District (%)	48.53	48.05	45.03	43.58	47.53	46.75	45.30
Total food waste collected (t)	7766	7256	5840	4765	7149	6879	5859
Total dry waste collected (t)	11395	11751	11485	12064	11344	11534	11751
Total contamination across district (t)	293	375	556	434	247	260	425

It is predicted that the negative trends will continue, however as the scheme will enter its first stage of roll-out in Q3, it is hoped that a positive turnaround will begin. Additionally, these figures do incorporate information from Epping Forest which as stated in this report have been negatively affected by their localised issues.

National Comparison

In order to begin to judge any successes of this scheme to date a national comparison can be drawn using similar data sets. One such aim of the scheme is to increase participation in recycling activity across the Partnership.

Referencing the WRAP tool, all partners traditionally perform well in terms of recycling rates in their districts. Epping Forest and Harlow are amongst the top 25% nationally, Braintree in the top 50%, though Tendring is in the bottom 50%. A consequence of this is that the Partnership perform well against the national average of 44.5% from 2013/14¹

In a report published by the Department for Environment Food & Rural Affairs on 07 November 2013, national comparators are available to judge the Partnership's initial performance.

It is noted that residual waste has fallen by over 40% nationally since 2002/03. Further, the volume of dry recycle has also increased slightly by 2012/13.²

The information we currently have does not follow this pattern. We can see a steady decrease in recycle collected again in this quarter, however an assumption can be made that this is the result of Epping Forest's collection issues and the drop in recycle reported by Braintree. Harlow and Tendring both follow the increased trend reported by DEFRA.

¹ Based on data entered by local authorities onto WasteDataFlow for each quarterly return to March 2014.

² DEFRA, *Statistics on Waste managed by local authorities in England 2012/13*

Issues Log

The root of the data collection issues have now been addressed. Upon the return of the data collection templates from partners, it was determined that the original timescales for the collection of data was unrealistic. Partners advised that data was limited or unavailable during this period, and data received to write the report was delivered a month later than initially anticipated. New timescales will be discussed with partners at the Q2 Partnership meeting to be held on Monday 30th November 2015, in order to establish more efficient and realistic data collection for Q3.

It is important that the data provided is accurate and absolute moving forward as the scheme will officially begin to roll-out in October 2015. Any inaccuracies will compromise our ability to make an accurate analysis of the schemes initial performance against the final predictions made in the bid. It is important that any early successes or failures are highlighted in order for mitigations to be in place to curb any issues as early into the scheme as possible.