

MAYOR OF LONDON

Part 1 – Reduction and Recycling Plan (RRP) April 2023 to March 2025

1. Context:

The London Borough of Hammersmith and Fulham is committed to rising to the challenge of the climate and ecological emergency; this is one of our core values. The borough has an ambitious Climate Strategy and is committed to supporting the circular economy. We are 3rd out of 308 authorities in the country for collecting the least amount of waste per person (at 245 kg) and has the 9th highest dry recycling rate in London. Nevertheless, delivering significant change waste management outcomes can be challenging. The borough has an increasing population with 89,879 households, (April 2019), composed of a high proportion of flats and maisonettes (73%). The borough is a densely populated area (434 people per km² – 8th most densely populated area in the country) and includes space-restricted areas which can accommodate containerised kerbside collections. The borough has a high proportion of rented properties (transient population) and diverse cultures (14.5% households contain no one who calls English their first language).

The borough currently collects the six main recycling materials from all properties which include glass bottles and jars, cans and tins, paper and magazines, cardboard, plastic bottles, and mixed rigid plastics such as pots tubs and trays.

Hammersmith and Fulham will strive to increase recycling rates and reduce waste through several communications campaigns and waste minimisation methods. The most significant improvements to the recycling rate will be delivered through large scale service changes and changes to our disposal methodology. The borough has tested a prototype waste and recycling container collection service, which includes a separate food waste collection service covering c. 6,000 properties and there are plans to roll food waste collection out more widely over the coming months.

The borough has procured a new waste collection contract which commenced in January 2023. service. Currently most kerbside properties receive a weekly collection of residual (non-recyclable) waste and recycling via sacks.

There is one Household waste and recycling Centre (HWRC), which is operated by the WRWA in the neighbouring borough of Wandsworth.

2. Key strategic documents linked to this plan:

3. RRP Dashboard:

Common Performance Targets	Baseline Performance (2019/20)	Performance Target 2024/25	Metric Guidance / Data source	Target Guidance
Total annual household waste per head (kgs/head)	247.40	240.00	Defra stats (Ex BVPI84a)	Borough sets own targets, informed by ReLondon /WRAP good practice.
Total annual household residual waste collected per household (kgs/household)	359.9	323.91	Defra stats (Ex NI191)	Borough sets own targets, informed by ReLondon/WRAP good practice.
Total annual household avoidable (edible) food waste (kgs/head)	102.18	91.96	Borough to estimate based on own or WRAP food waste composition data. Estimates should be based on avoidable food waste produced (i.e. not just food waste collected).	Based on estimated avoidable food waste produced. Borough to set own targets, informed by ReLondon/WRAP good practice and support programmes (e.g. Trifocal).
Annual household waste recycling rate (% by weight)	26	33	Defra stats	Borough sets own targets, informed by ReLondon/WRAP Route Map modelling and other good practice. The GLA will use the borough recycling benchmarking table in the Route Map modelling as a reference point when assessing local authority targets set in the RRP process (See Appendix 2 of the London Environment Strategy, page 111: https://www.london.gov.uk/sites/default/files/les_appendix_2_-_evidence_base_0_0.pdf)
Annual LACW recycling rate (% by weight)	15	28	Defra stats	Borough sets own targets, informed by ReLondon/WRAP good practice. Targets should at least match household recycling targets, going beyond the Mayor's 50 per cent LACW recycling target by 2025 where possible.
<u>Proportion (%) of properties receiving the Mayor's minimum level of service for household recycling:</u>				
% of kerbside properties (all households on a kerbside collection) collecting six main dry materials (glass, cans, paper, card, plastic bottles and mixed rigid plastics (pots, tubs and trays) <u>and separate food waste</u>	6%	100%	Borough to take from own info. Separate food waste does not include co-mingled with garden waste	Borough sets own target, informed by ReLondon/WRAP good practice. Separate food waste does not include co-mingled with garden waste
% of kerbside properties (all households on a kerbside collection) collecting six main dry materials (glass, cans, paper, card, plastic bottles and mixed rigid plastics (pots, tubs and trays)	100%	100%	Borough to take from own info (<i>Nb included for boroughs that are unable to provide food waste collections due to long term contractual issues</i>).	Borough sets own target, informed by ReLondon/WRAP good practice.
% of flats (communal collections, <u>excluding flats above shops</u>) collecting six main dry materials <u>and separate food waste</u>	0%	100%	Borough to take from own info.	Borough sets own target, informed by ReLondon/WRAP good practice.
% of flats (communal collections, <u>excluding flats above shops</u>) collecting six main dry materials (glass, cans, paper, card, plastic bottles and mixed rigid plastics (pots, tubs and trays).	100%	100%	Borough to take from own info.	Borough sets own target, informed by ReLondon/WRAP good practice.
% of flats above shops (FAS) collecting six main dry materials (glass, cans, paper, card, plastic bottles and mixed rigid plastics (pots, tubs and trays)) <u>and separate food waste</u>	0%	100%	Borough to take from own info.	Borough sets own target, informed by ReLondon/WRAP good practice and FAS data.
% of flats above shops (FAS) collecting six main dry materials (glass, cans, paper, card, plastic bottles and mixed rigid plastics (pots, tubs and trays)).	100%	100%	Borough to take from own info.	Borough sets own target, informed by ReLondon/WRAP good practice and FAS data.
Proportion (%) of waste fleet heavy vehicles that are ULEZ compliant	100%	100%	See www.tfl.gov.uk/modes/driving/ultra-low-emission-zone	Borough should aim to operate a fully ULEZ compliant waste fleet as a minimum; with aspirations to introduce zero emission vehicles where practicable. Please include baseline and target % of waste vehicles that are zero emission capable where applicable

Common Performance Targets	Baseline Performance (2019/20)	Performance Target 2024/25	Metric Guidance / Data source	Target Guidance
Performance of LACW activities against the Mayor's EPS (tonnes of CO2eq per tonne of waste managed).	0.03	-0.095	Use tool found here Boroughs to set by uploading WDF data into the GLA tool.	Borough to run their own scenarios using GLA tool to determine planned service changes (DSO borough) or new contract options against the EPS for target years (2024/5). See London Environment Strategy Proposal 7.3.2.b

4. RRP Actions:

Ref	Theme <ul style="list-style-type: none"> Waste Reduction Maximising Recycling Reducing Environmental Impact Maximising local waste sites 	Action title	Action Description	Expected Target / Impact	Timescale for action	WCA/WDA
H&F#1	<ul style="list-style-type: none"> Maximising Recycling 	Expand food waste collection service	<ul style="list-style-type: none"> Make a separate food waste collection available to all properties across the borough, with food waste collected weekly, through a phased roll-out, commencing in Autumn 2023. Street level properties would use a 23L collection caddy and a 5L kitchen caddy. Implementation will be phased to minimise disruption and in line with LBHF's core value to do things with residents and not to them, anticipating completion over approximately 18months. Introduce opportunities for communal food waste for blocks of flats. A range of food waste recycling options will be explored for larger blocks, possibly using wheeled bins and housing units, or smaller caddies in low rise blocks if these are more suitable. A full communication plan will accompany any service introduction to include comms pre delivery, instructional leaflet with delivery and post-delivery follow-up work. Food waste may initially be sent to in vessel composting in advance of a waste disposal authority anaerobic digestion solution being provided. Introduce opportunities for flats above shops to receive a food waste collection. Options to explore include communal collection hubs, 23L collection caddy and 5L kitchen caddy and an opt in service. Any solution provided must not impact the highway, particularly around transport hubs and major shopping streets. 	<ul style="list-style-type: none"> Contribute to the aim of 33% by the end of 2024/25: Kerbside <ul style="list-style-type: none"> we estimate a 5-percentage point increase in the recycling rate Communal <ul style="list-style-type: none"> We estimate a 1-percentage point increase in the recycling rate Flats above shops <ul style="list-style-type: none"> We estimate a 0.01 percentage point increase in the recycling rate 	We are expecting to commencing borough wide food waste during 2023/24 and to have fully rolled out food waste borough wide by to all property types April 2025.	WCA
H&F#2	<ul style="list-style-type: none"> Maximising Recycling 	Garden Waste	<ul style="list-style-type: none"> Explore feasibility of a borough wide garden waste service. LBHF has fewer gardens than outer London boroughs. Furthermore where properties do have gardens, these are more likely to be smaller or paved. A full communication plan will accompany any service introduction to include comms pre delivery, instructional leaflet with delivery and post-delivery follow up work. Currently exploring the potential for a garden waste service commencing in Sprint 2024. 	<ul style="list-style-type: none"> We estimate a 1-2 percentage point increase in the recycling rate 	• In or by 2024	WCA
H&F#3	<ul style="list-style-type: none"> Maximising Recycling 	Container collections	<ul style="list-style-type: none"> Explore feasibility of provision of a container collection service boroughwide, in a phased rollout to contain waste and increase recycling capacity for suitable properties where there is adequate space. The standard container configuration would 140L refuse and 240L recycle bin to street level properties. All services will be collected weekly. A full communication plan will accompany any service introduction to include comms pre delivery, instructional leaflet with delivery and post-delivery follow-up. 	<ul style="list-style-type: none"> Contribute to the aim of increasing recycling to 33% by 2025 	• In or by 2025	WCA
H&F#4	<ul style="list-style-type: none"> Increase recycling 	Seek opportunities to reduce waste with the WRWA	<ul style="list-style-type: none"> H&F will continue work with WRWA under the Cory contract; and look to optimise materials accepted within this. Seek opportunities for WRWA to process food waste, flexible plastics, aluminium foil, aluminium food trays, steel and aluminium aerosols, aluminium tubes. Feed this requirement into the upcoming joint Waste Strategy. 	<ul style="list-style-type: none"> Increase in recycling collected through new lines and materials collected where this becomes feasible. Contribute to the aim of increasing recycling to 33% by 2025 	• In or by 2025	WDA
H&F#5	<ul style="list-style-type: none"> Waste Reduction 	To embed behavioural change and adopt best practice within Council contracts to reduce waste	<ul style="list-style-type: none"> Evaluate and implement a range of best practice waste reduction campaigns and initiatives. Ensure though our contracts we are maximising opportunities to reduce, reuse and recycling Six social media campaigns to targeting waste reduction per annum Continue supporting the use of real nappies by offering a £45 discount off purchases. 	<ul style="list-style-type: none"> Reduction in Waste Contribute to the aim of increasing recycling to 33% by 2025 Reach 900,000 social media interactions by 2025 Target a minimum of 60 nappy vouchers to be redeemed annually. 	• ongoing	WCA
H&F#6	<ul style="list-style-type: none"> Waste Reduction 	Electricals	<ul style="list-style-type: none"> One World Living (OWL) project 12 Reuse and repair activities and events annually Develop and promote schemes and resources to share, reuse and repair Promote Rework, our reuse workshop at WRWA and other local charities that repairs and passes on items charities for resale Use social media channels to promote reuse and repair 	<ul style="list-style-type: none"> Reduction in residual waste to landfill and consumption-based carbon emissions 12 repair events annually 1 tonne of electricals reused Reach 50,000 social media 	• In or by 2024	WCA

Ref	Theme <ul style="list-style-type: none"> Waste Reduction Maximising Recycling Reducing Environmental Impact Maximising local waste sites 	Action title	Action Description	Expected Target / Impact	Timescale for action	WCA/WDA
				interactions		
H&F#7	<ul style="list-style-type: none"> Waste Reduction 	Home Composting	<ul style="list-style-type: none"> Continue to promote and subsidise homes composting through getcomposting.com including options for flat properties included One social media campaign to promote compost discounts and how to home compost 	<ul style="list-style-type: none"> Reduction in residual waste to landfill and consumption-based carbon emissions Sell over 150 compost bins per annum Reach social media 150,000 interactions by 2025 	<ul style="list-style-type: none"> Ongoing 	WCA
H&F#8	<ul style="list-style-type: none"> Waste Reduction 	Food Waste Reduction	<ul style="list-style-type: none"> Promote existing sharing platforms, such as: Too good to go, Olio and others Plan and deliver activities and events promoting food waste reduction. Two social media campaigns per annum. 	<ul style="list-style-type: none"> Reduction in residual waste to landfill and consumption-based carbon emissions Reach 300,000 interactions by 2025 Contribute to the aim of increasing recycling to 33% by 2025 	<ul style="list-style-type: none"> Ongoing 	WCA
H&F#9	<ul style="list-style-type: none"> Waste Reduction 	Furniture	<ul style="list-style-type: none"> One social media campaign per annum Promote schemes and resources to share, reuse and repair Promote existing sharing platforms such as share-be and freecycle Promote Rework, our reuse workshop at WRWA that repairs and passes on items charities for resale Develop links and support the work or repair and reuse charities across the borough Work with housing partners to ensure furniture waste is repaired and reused before disposal 	<ul style="list-style-type: none"> Reduction in residual waste to landfill and consumption-based carbon emissions Reach 300,000 interactions by 2025 200 tonnes of furniture reuse 	<ul style="list-style-type: none"> Ongoing 	WCA
H&F#10	<ul style="list-style-type: none"> Waste Reduction 	Textiles	Produce education packs for all schools, FE, HE, and community groups across H&F to encourage, repair and reuse. The packs will include information on actions the school can take to reduce waste, increase repair and reuse. To support 12 outreach days, where textiles brought into school for repair, reuse, or recycling	<ul style="list-style-type: none"> Reduction in residual waste to landfill and consumption-based carbon emissions. 36 outreach days by 2025 50 tonnes of textiles recycled 	<ul style="list-style-type: none"> In or by 2024 	WCA
H&F#11	<ul style="list-style-type: none"> Waste Reduction 	Promote the network of Libraries of Things	<ul style="list-style-type: none"> Use social media, H&F newsletter, and other communication channels to promote the library of things and celebrate success. 	<ul style="list-style-type: none"> Reduction in residual waste to landfill and consumption-based carbon emissions. 11 tonnes of items reused annually 	<ul style="list-style-type: none"> In or by 2024 	WCA
H&F#12	<ul style="list-style-type: none"> Maximising Recycling 	Communications	<ul style="list-style-type: none"> Review marketing and communications resources including printed material (leaflets and posters), online social media, resident e-magazine, website, email distribution lists, advisory tags on wheelie bins to ensure they are in the approved consistent London wide London Recycles campaign style. Promote the core services using the revised communication resources. 16 social media campaigns to promote instructional messages to residents and key target materials 	<ul style="list-style-type: none"> Contribute to household recycling rate Reach 800,000 interactions by 2025 Contribute to the aim of 33% by 2025 	<ul style="list-style-type: none"> Ongoing 	WCA
H&F#13	<ul style="list-style-type: none"> Waste Reduction 	Organise regular MRF tours for residents and in school education.	<ul style="list-style-type: none"> A minimum of six tours by residents to visit WRWA to view the recycling process per annum. 	<ul style="list-style-type: none"> Reduction in contamination Contribute to household recycling rate Deliver KS2 learning package to 6 primary schools, and one secondary school. Contribute to the aim of increasing recycling to 33% by 2025 	<ul style="list-style-type: none"> In or by 2025 ongoing 	WDA/WCA
H&F#14	Maximising Recycling	Reduce contamination	<ul style="list-style-type: none"> As well as ongoing targeted communication using leaflets and social media with residents, training for crews and other staff will continue. Data collection and analysis will provide a picture of postcodes, rounds or routes where additional measures may be required with either the residents or collection crews. 	<ul style="list-style-type: none"> Aim to keep contamination to a minimum and below 12% 	In or by 2024 and then ongoing	WCA
H&F#15	<ul style="list-style-type: none"> Maximising Recycling 	Mobile recycling centre	<ul style="list-style-type: none"> Evaluate options for borough kerbside mobile recycling centre with a view to looking at the potential for a mobile facility to collect all the key materials you would expect to take to the local recycling centre. The aim would be to make recycling and reuse as accessible as possible while minimising travel. Key items collected could include, electricals, furniture, textiles, batteries, mattresses, lightbulbs, ink cartridges, paint, books, CDs and gas canisters. 	<ul style="list-style-type: none"> Produce a feasibility report in or by 2024 Seek funding to implement service 	<ul style="list-style-type: none"> In or by 2025 	WCA

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H&F#16	<ul style="list-style-type: none"> Maximising Recycling 	Commercial food waste collections	<ul style="list-style-type: none"> Explore opportunities and introduce borough wide commercial food waste collections. Options include using 140L bins, larger caddies, 500L steel bulk bins and housing units Pricing would need to be modelled Food waste may initially be sent to in vessel composting in advance of a waste disposal authority anaerobic digestion solution being provided. 	<ul style="list-style-type: none"> Maximise recycling from local businesses, which contributes to achieving the mayor's municipal waste recycling target of 65% by 2030 and an increase to the LACW recycling rate Collect food waste from 200 business 2025 	<ul style="list-style-type: none"> Project started, completed in or by end 2025 	WCA
H&F#17	<ul style="list-style-type: none"> Maximising Recycling 	School collections	<ul style="list-style-type: none"> Promote schools dry mixed recycling and food recycling service borough wide. Offer waste audits to 12 schools by annum to reduce waste and increase recycling Schools would be provided with larger 50L kitchen caddies and 240L wheeled bins for collection. Other suitable options would be considered. School will be visited preservice delivery to evaluated suitable options and containers required. School talks will accompany any introduction of food waste Food waste may initially be sent to in vessel composting in advance of a waste disposal authority anaerobic digestion solution being provided. 	<ul style="list-style-type: none"> We estimate this will contribute to the aim of 33% by 2025 Collect food waste from 70% of schools by 2025 12 waste audits per annum 	<ul style="list-style-type: none"> In or by 2025 	WCA
H&F#18	<ul style="list-style-type: none"> Reducing Environmental Impact 	zero emissions fleet	<ul style="list-style-type: none"> Explore opportunities for zero emissions waste and cleansing fleet Continue to explore new advancements in technology to deliver and maintain a greener corporate fleet. Drive to further increase electric fleet where infrastructure allows. First step to investigate the feasibility of increased charging infrastructure at our depot. 	<ul style="list-style-type: none"> Contributing towards the Mayor's zero carbon city 2030 target 	<ul style="list-style-type: none"> In or by 2025 	WCA
H&F#19	<ul style="list-style-type: none"> Reducing Environmental Impact 	Sustainable travel to work	<ul style="list-style-type: none"> Promote active travel within the service. Undertake a staff home to work travel audit. Review workplace facilities including electric charging points, bike storage, showers, changing rooms and other changes to further encourage sustainable travel to work. 	<ul style="list-style-type: none"> Contributing towards the Mayor's zero carbon city 2030 target Complete a workplace audit by 2024 	<ul style="list-style-type: none"> In 2023/24 	WCA
H&F#20	<ul style="list-style-type: none"> Reducing Environmental Impact 	Reduce fleet emissions	<ul style="list-style-type: none"> Collect data using route optimisation technology, apply the data to minimise distance / time travelled. 	<ul style="list-style-type: none"> Contributing towards the Mayor's zero carbon city 2030 target Deploy in cab technology in or by 2024 Use data to optimise collection rounds by in or by 2024 	<ul style="list-style-type: none"> In or by 2025 	WCA
H&F#21	<ul style="list-style-type: none"> Reducing Environmental Impact 	Reducing fleet environmental impact	<ul style="list-style-type: none"> Explore vehicle technology to further reduce noise, dust, and other environmental impacts from waste activities. Produce an options appraisal paper. 	<ul style="list-style-type: none"> Contributing towards the Mayor's zero carbon city 2030 target Produce an options paper for possible vehicle technologies in or by 2024 	<ul style="list-style-type: none"> In or by 2025 	WCA
H&F#22	<ul style="list-style-type: none"> Maximising local waste sites 	HWRC communications	<ul style="list-style-type: none"> Continued communication of what is accepted at the HWRC by social media update website pages to ensure all relevant information is available to users. 	<ul style="list-style-type: none"> Contribute to the aim of increasing recycling to 33% by 2025 Website reviewed by in or by 2024 12 social media posts annually. 	<ul style="list-style-type: none"> In or by 2025 	WCA
H&F#23	<ul style="list-style-type: none"> Maximising local waste sites 	On street recycling	<ul style="list-style-type: none"> Improve the information and design of on street recycling and produce an options paper with possible improvement options Continue updating website with locations of banks/interactive maps to ensure accurate information. 	<ul style="list-style-type: none"> Contribute to the aim of increasing recycling to 33% for 2024/25 Produce an options paper for possible on street recycling options in or by 2025 	<ul style="list-style-type: none"> In or by 2025 	WCA

5. RRP Action update:

- To be completed annually
- Action table to be updated with new dates/targets etc at same time

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