

Cost assumptions					
Costs (£)					
	Cost basis	Low	Average	High	Source
Recycling bin assumptions					
New bins/ initial refurb, litre capacity:					Assumptions for bin costs (all) Plastic bins assumes: median supplier, half load, bins made from recycled content, coloured lid and black body, solid axels, ESPO price list Steel bins ssumes: median supplier, 41+ units ordered, powder coated, reverse and coloured lid, push lock, ESPO price list,
240.00	£ per bin	22.25	22.25	22.25	New bins for all scenarios (no refurb available)
360.00	£ per bin	39.75	39.75	39.75	New bins for all scenarios (no refurb available)
660.00	£ per bin	339.97	339.97	110.00	low/average current standard = new bins, high = refurbished bins
1100.00	£ per bin	349.80	349.80	110.00	low/average current standard = new bins, high = refurbished bins
1280.00	£ per bin	398.94	398.94	110.00	low/average current standard = new bins, high = refurbished bins
Ongoing bin refurb/replacement bins costs					
240.00	£ per bin	22.25	22.25	22.25	Cost of new bins as above
360.00	£ per bin	39.75	39.75	39.75	Cost of new bins as above
660.00	£ per bin	110.00	110.00	110.00	Refurbishment costs from ESPO price list
1100.00	£ per bin	110.00	110.00	110.00	Refurbishment costs from ESPO price list
1280.00	£ per bin	110.00	110.00	110.00	Refurbishment costs from ESPO price list
Recycling bin reverse lids	£ per bin	59.00	59.00	59.00	ESPO price list
Recycling bin rental rates					
240.00	£/bin/year	22.00	22.00	22.00	Average of borough data
360.00	£/bin/year	33.00	33.00	33.00	Average of borough data
660.00	£/bin/year	110.00	110.00	110.00	Average of borough data
1100.00	£/bin/year	125.00	125.00	125.00	Average of borough data
1280.00	£/bin/year	135.00	135.00	135.00	Average of borough data
Food recycling bin assumptions					
Food bin costs, litre capacity:					
140.00	£ per bin	19.86	19.86	19.86	Cost of new bins as above
240.00	£ per bin	22.25	22.25	22.25	Cost of new bins as above
500.00	£ per bin	339.97	339.97	339.97	Estimate provided by Taylors Ltd
Food bin refurb costs, litre capacity:					
140.00	£ per bin	19.86	19.86	19.86	Cost of new bins as above
240.00	£ per bin	22.25	22.25	22.25	Cost of new bins as above
500.00	£ per bin	110.00	110.00	110.00	ESPO price list
Food bin rental rates, litre capacity:					
140.00	£ per bin	22.00	22.00	22.00	Average of borough data
240.00	£ per bin	22.00	22.00	22.00	Average of borough data
500.00	£ per bin	110.00	110.00	110.00	Average of borough data
Food bin housing unit costs, litre capacity:					

140.00	£ per bin	780.00	780.00	780.00		Average cost from supplier estimates
240.00	£ per bin	850.00	850.00	850.00		Average cost from supplier estimates
500.00	£ per bin	0.00	0.00	0.00		n/a
Food waste caddy and comms delivery costs, litre capacity:						
5.00	£ per bin	1.66	1.66	1.66		average cost from ESPO price list
Delivery - simple	Delivery cost/hh	0.50	0.50	0.50		estimate from ReLondon Flats recycling projects
Delivery - doorknocking	Delivery cost/hh	0.83	0.83	1.67		estimate from ReLondon Flats recycling projects
Internal bin liner costs		Launch only	Local collection	On request	Regular delivery	
Internal bin liners - initial	£ per household/year	0.58	1.27	1.27	2.31	ESPO price list
Internal bin liners - ongoing	£ per household/year	0.00	1.39	1.39	2.31	ESPO price list
External bin liners						
External bin liners - ldpe	£ per bin/year	12.19	12.19	12.19		ESPO price list
External bin liners - compostable	£ per bin/year	22.26	22.26	22.26		ESPO price list
Food waste caddies - other assumptions						
Caddy replacement rate	Caddies / annum	0.10	0.10	0.10		
Regular cleansing						
Bin, bin rooms and signage (1hr assumed)	£ per site/clean	14.50	14.50	14.50		Estimate from ReLondon flats projects
Weeks per clean (dry recycling)	weeks	1.00	1.00	1.00		Estimate from ReLondon flats projects
Weeks per clean (food waste, additional)	weeks	12.50	12.50	12.50		Estimate from ReLondon flats projects
General improvements to bin areas						
Painting	£ per bin store	550.00	0.00	0.00		Estimate from ReLondon flats projects and borough data
Lighting	£ per bin store	262.00	0.00	0.00		Estimate from ReLondon flats projects and borough data
Initial deep clean	£ per bin store	75.30	38.20	0.00		Estimate from ReLondon flats projects and borough data
Chute closure costs	£ per chute	220.00	220.00	220.00		Estimate from ReLondon flats projects and borough data
Hopper closure costs	£ per hopper	360.00	360.00	360.00		Estimate from ReLondon flats projects and borough data
Bin store signage - manufacture	£ per bin store	5.25	5.25	5.25		Estimate from ReLondon flats projects and borough data
Bin store signage - design (one-off)	£ per council	21.00	21.00	21.00		Estimate from ReLondon flats projects and borough data
Recycling bin signage and stickers						
Recycling bin sticker - manufacture cost	£ per bin	6.80	6.80	6.80		Estimate from ReLondon flats projects and borough data
Recycling bin sticker - design cost (one-off)	£ per council	63.00	63.00	63.00		Estimate from ReLondon flats projects and borough data
Recycling bin aperture sticker - manufacture cost	£ per bin	3.00	3.00	3.00		Estimate from ReLondon flats projects and borough data
Recycling bin aperture sticker - design cost (one-off)	£ per council	21.00	21.00	21.00		Estimate from ReLondon flats projects and borough data
Bin store signage - manufacture cost	£ per bin store	79.00	79.00	79.00		Estimate from ReLondon flats projects and borough data
Bin store sign - design cost (one off)	£ per council	63.00	63.00	63.00		Estimate from ReLondon flats projects and borough data
Rubbish bin signage and stickers						
Rubbish bin stickers - manufacture cost	£ per bin	5.30	5.30	5.30		Estimate from ReLondon flats projects and borough data
Rubbish bin sticker - design cost (one-off)	£ per council	63.00	63.00	63.00		Estimate from ReLondon flats projects and borough data
Bin store signage - manufacture cost	£ per bin store	79.00	79.00	79.00		Estimate from ReLondon flats projects and borough data
Bin store sign - design cost (one off)	£ per council	63.00	63.00	63.00		Estimate from ReLondon flats projects and borough data
Chute signage - manufacture cost	per chute	4.10	4.10	4.10		Estimate from ReLondon flats projects and borough data

Chute sign - design cost (one off)	£ per council	21.00	21.00	21.00		Estimate from ReLondon flats projects and borough data
Food waste specific stickers/signage						
Food waste bin store signage - manufacture	£ per bin store	79.00	79.00	79.00		Estimate from ReLondon flats projects and borough data
Food waste bin store signage - design (one-off)	£ per council	63.00	63.00	63.00		Estimate from ReLondon flats projects and borough data
Food waste bin sticker - manufacture cost	£ per bin	8.00	8.00	8.00		Estimate from ReLondon flats projects and borough data
Food waste bin sticker - design cost (one-off)	£ per council	20.00	20.00	20.00		Estimate from ReLondon flats projects and borough data
Food waste bin aperture sticker - manufacture cost	£ per bin	2.00	2.00	2.00		Estimate from ReLondon flats projects and borough data
Food waste bin aperture sticker - design cost (one-off)	£ per council	20.00	20.00	20.00		Estimate from ReLondon flats projects and borough data
Fun stickers - manufacture cost	£ per bin	0.80	0.80	0.80		Estimate from ReLondon flats projects and borough data
Fun stickers - design cost	£ per council	20.00	20.00	20.00		Estimate from ReLondon flats projects and borough data
Noticeboard posters						
Noticeboard A3	£ per block	52.50	52.50	52.50		Estimate from ReLondon flats projects and borough data
Recycling / bulky items poster (both A4)	£ per block	0.32	0.32	0.32		Estimate from ReLondon flats projects and borough data
Yearly leaflet - manufacture cost	£ per hh	0.42	0.42	0.42		Estimate from ReLondon flats projects and borough data
Yearly leaflet - design cost (yearly)	£ per council	262.00	262.00	262.00		Estimate from ReLondon flats projects and borough data
Additional collection costs						
Recycling collections	per hh/yr	17.10	17.10	17.10		WRAP estimate, based on vehicle operating costs and estimated sites per day
Rubbish collections	per hh/yr	17.10	17.10	17.10		WRAP estimate, based on vehicle operating costs and estimated sites per day
Food waste collections	per hh/yr	17.10	17.10	17.10		WRAP estimate, based on vehicle operating costs and estimated sites per day
Project management (dry only)						
Conduct site assessment	days per estate	0.75	0.50	0.25		ReLondon estimate for average. Assume high cost takes 50% more time, low cost takes 50% less time to reflect harder /
Stakeholder engagement	days per estate	0.75	0.50	0.25		ReLondon estimate for average. Assume high cost takes 50% more time, low cost takes 50% less time to reflect harder /
Produce improvement plan	days per estate	0.30	0.20	0.10		ReLondon estimate for average. Assume high cost takes 50% more time, low cost takes 50% less time to reflect harder /
Produce implementation plan	days per estate	0.30	0.20	0.10		ReLondon estimate for average. Assume high cost takes 50% more time, low cost takes 50% less time to reflect harder /
Preparing for delivery (procurement etc.)	days per estate	0.75	0.50	0.25		ReLondon estimate for average. Assume high cost takes 50% more time, low cost takes 50% less time to reflect harder /
Roll out of FRP (officer time to oversee)	days per estate	0.75	0.50	0.25		ReLondon estimate for average. Assume high cost takes 50% more time, low cost takes 50% less time to reflect harder /
Installation of FRP measures	days per estate	1.00	0.50	0.25		ReLondon estimate for average. Assume high cost takes 50% more time, low cost takes 50% less time to reflect harder /
Project management (additional for food)						
Conduct site assessment (Additional for food)	days per estate	0.75	0.50	0.25		ReLondon estimate for average. Assume high cost takes 50% more time, low cost takes 50% less time to reflect harder /
Stakeholder engagement (Additional for food)	days per estate	0.75	0.50	0.25		ReLondon estimate for average. Assume high cost takes 50% more time, low cost takes 50% less time to reflect harder /
Produce improvement plan (Additional for food)	days per estate	0.30	0.20	0.10		ReLondon estimate for average. Assume high cost takes 50% more time, low cost takes 50% less time to reflect harder /
Produce implementation plan (Additional for food)	days per estate	0.30	0.20	0.10		ReLondon estimate for average. Assume high cost takes 50% more time, low cost takes 50% less time to reflect harder /
Preparing for delivery (procurement etc.) (Additional for food)	days per estate	0.75	0.50	0.25		ReLondon estimate for average. Assume high cost takes 50% more time, low cost takes 50% less time to reflect harder /
Roll out of FRP (officer time to oversee) (Additional for food)	days per estate	0.75	0.50	0.25		ReLondon estimate for average. Assume high cost takes 50% more time, low cost takes 50% less time to reflect harder /
Installation of FRP measures (Additional for food)	days per estate	1.00	0.50	0.25		ReLondon estimate for average. Assume high cost takes 50% more time, low cost takes 50% less time to reflect harder /
Salaries / cost of works						
Recycling officer daily salary	£/day	136.00	136.00	136.00		ReLondon estimate, based on advertisements in London and adjusted for inflation
Cost of installation	£/day	550.00	550.00	550.00		ReLondon estimate, based on advertisements in London and adjusted for inflation
Other on-going costs						
Monthly officer visit	£ per site/month	12.87	17.16	21.45		Based on average salary cost