

Appendix C

The City of Cardiff Council's compliance with Welsh Government Blueprint

The purpose of [Welsh Government's Collections Blueprint](#) is to ensure affordable and sustainable local authority collection services for recyclable, compostable and residual waste.

It provides Welsh Government's recommended service profile for the collection of recycling and waste from households. It recognises that a degree of flexibility will be required in approach and allows Cardiff to tailor services for specific circumstances and in accordance with local needs.

The Collections Blueprint is one of the key documents driving further options modelling, to determine whether a full kerbside recycling separation would be 'Technically, Economically and Environmentally Practicable' (TEEP) in Cardiff.

The positive news is that Cardiff is already meeting 72% of the requirements of the blueprint. This has increased from 61%, because of the changes made from the 2015-2018 waste strategy.

A list of the blueprint requirements, and how we are meeting these in Cardiff, is below.

Table 1- Cardiff's compliance with Welsh Government's blue print requirements

No.	Requirement	Do we do this in Cardiff?	Comments
1	Reduced residual waste container capacity – for example the use of 140 litre instead of 240 litre wheeled bins, or restriction on the number of bags that can be put out	Yes	This was implemented in 2015 and led to a 5% increase in recycling performance
2	Reduced residual waste collection frequency– once a fortnight is sufficient (when weekly food waste collection is provided).	Yes	This was implemented in 2011
3	No "side waste" collected for residual waste.	Yes	There is a strong 'no side waste' policy, with advice from recycling advisors, and enforcement action taken where necessary
4	Promotion of, and support for, home composting/ treatment for garden waste.	Yes	Compost bins are sold at a subsidised price of £7.
5	Apply charging for green waste collection (as allowed under the Controlled Waste Regulations 1994), and collecting it only once a fortnight.	No	Cardiff collects garden waste fortnightly during the summer, and monthly during the winter. Future option reviews for garden waste approaches, along with other potential efficiencies such as 'opt in' can be considered. The recycling tonnage risk prevents the stopping of green wastes collections

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6	Separate weekly food waste collection (not co-mingled with green waste).	Yes	Yes this was implemented in 2011
7	Run the bulky waste collection service as a bulky reuse and recycling collection service.	Yes	The Council has recently launched a partnership with the British Heart Foundation, and are advertising their bulky waste re-use collection. All item/s collected by Cardiff Council are recycled where markets are available, and collected free of charge where these markets exist.
8	Provision of at least one local centre (e.g. civic amenity site / household waste recycling centre that can receive and safely store bulky items for reuse.	Yes	Yes- two of our Household Waste Recycling Centres have a re-use storage facility.
9	Weekly collection of dry recyclables mixed together in a box, with two or more boxes provided per household. Recyclables separated at the kerbside. Termed a "kerbside sort" system.	Yes to weekly collections of dry recycling No to kerbside sort of two or more streams	Cardiff currently uses a co-mingled (mixed) recycling scheme. We will continue to model the benefits and risks of a kerbside sort system throughout the period of the 2018-2021 waste strategy. Separate glass recycling pilot if fully implemented would move closer to this model
10	Food waste collected separately once a week, preferably through the use of kitchen caddies (with provision of free compostable liners), and separate lockable kerbside collection containers. Allow inclusion of paper kitchen towels and tissues.	Yes	Cardiff was the first core city to introduce separate, weekly food waste collections. We provide all equipment to participate free of charge.
11	Use of modern lightweight, multi-compartment vehicles (8 tonnes plus 4 tonne payload) for a single pass collection of dry recyclables and food waste. Ideally using renewable fuel.	No	Cardiff has trialled multiple vehicles and is currently undertaking a procurement exercise to progress modern Euro 6 rear steer vehicles (see more information in the Cabinet Paper dated 18 th January 2018). This also includes specialist food waste vehicles with payloads exceeding 5 tonnes. The same procurement exercise is exploring the use of alternative fuels. Cardiff has engaged with vehicle manufactures to understand current developments and meeting with

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			local authorities who have progressed alternative fuel use for fleet vehicles.
12	The following recyclable materials to be collected as a minimum in the kerbside sort system (or perhaps via a dense bring site system): By 2012-13: Paper; cardboard; plastic bottles, pots, tubs and trays; metal cans and small scrap (e.g. kitchen utensils), foil; glass jars and bottles.	No	Cardiff currently uses a co-mingled (mixed) recycling scheme. We will continue to model the benefits and risks of a kerbside sort system throughout the period of the 2018-2021 waste strategy
13	Full recording and reporting to the public of the end destination and use of recyclate.	Yes	Currently available upon request. We have identified an opportunity to promote this information on our 'Keep Cardiff Tidy' website. This will be further explored
14	Achieve a level of at least 80% recycling at all civic amenity / household waste recycling centres.	No	We recognise the need for improvements at our HWRC, and have provided our plans in the 2018-2021 draft strategy document.
15	At least one CA/HWRC site to have facilities to receive and store a variety of materials	Yes	We have facilities for almost 30 materials and re-use at our HWRCs
16	CA site density to reflect the needs of local residents and be consistent with the Collections, Infrastructure and Markets Sector Plan.	Yes	The plan referred to references a WG study to determine whether further provision is needed across Wales, on a local level. We have recognised the need for a future additional HWRC in the North of the City as the city grows, to accommodate the planned new residential developments. We also accept commercial recycling at one of our CA sites, which was a further recommendation contained within the plan
17	Bring site density to reflect the needs of local residents and be consistent with the Collections, Infrastructure and Markets Sector Plan	Yes	3 bring sites to recycle mixed recycling, 5 to recycle glass only (in preparation for glass trial)
18	Recycling collection service offered to businesses, for at least paper, plastic, metal, glass and food waste.	Yes	Our commercial waste team offer the separate collections of food, glass and cardboard alongside a co-mingled option

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19	Publication annually of service cost information.	Yes	This is identified as a Key Performance Indicator within the service area business plan.
20	Green waste sent to PAS100 and Quality Protocol compliant composting plants.	Yes	Both food waste and green waste processing are subcontracted to Kelda Organic Energy. The end product conforms to the PAS quality standards, and the Council will work closely with Kelda to ensure the quality standard is maintained through training of collection staff and education to Cardiff residents.
21	Food waste sent to PAS110 and Quality Protocol compliant anaerobic digestion plants.	Yes	
22	<30% of all Local Authority Collected Municipal Waste to be residual waste sent to a high-energy efficiency energy from waste (EfW) plant.	N/A	This requirement is not expected to be met until 2025
23	Processed EfW bottom ash recycled to produce a product that meets a relevant Quality Protocol or End of Waste Criteria.	Yes	All ash recycling is included in the contract arrangements managed by Cardiff for the Prosiect Gwyrdd residual Waste Treatment facility at Trident Park. The additional recycling provided of the fly ash materials, as well as bottom ash, into fully recycled products, exceeds this requirement.