



Recycling & Waste Management Strategy update 2018



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Working for Cardiff, working together

Recycling Strategy 2018-2021



- To review our progress of the strategy every 3 years
- Interim
 - Glass pilot
 - Wheeled bin expansion
 - Increase recycling to 64%
- Longer term
 - Look to the future
 - Provide efficient services
 - Profile costs
 - Deliver sustainable services



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Glass pilot update



- High risk to our glass market – only one expensive outlet £60/t
- If collect separately could get income £15/t
- Up to 8000t at risk
- Pilot
 - 17,000hh – across Ely, Grangetown, Penylan, Splott, Heath, Radyr, Canton, Pentwyn, Trowbridge, Rhiwbina
 - Determined by – round size, current performance, current potential, housing type
 - Fortnightly caddy along side green bags for glass only
 - Double shift, 6hr working to reduce noise impacts (8am to 8pm)
 - Self financing, with support for implementation
 - Pre and post questionnaires to pilot areas
 - Targeted education
 - Back to cabinet to review



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Glass pilot update



- All information and caddies delivered on time to 17000 homes
- Pre-questionnaire delivered
- Collections began 15th October
- Two vehicles – one acoustically lined



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Glass pilot update



- Initial feedback
 - Very positive
 - C2C calls average 100 per week
 - Caddy flap letting in water
 - Some say too big, some say too small
- Outcomes
 - Glass levels collected as profile
 - Income is £25 per tonne
 - Glass back into the glass re-melt market
 - No impact on cleansing
 - No noise complaints



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Recycling Performance – Reaching 64%



- Taking steps to reach 64% by March 2020
 - New commercial skip services, targeting recyclables
 - Sorting more residual waste to remove more recycling
 - Education stations will be going in at Lamby and Bessemer recycling centres
 - More targeted education and face to face interaction
 - More reuse partners
 - Reduce contamination



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Challenges of Reaching 64%



- Markets pressures remains a significant risk
 - Carpets – a market shift from 100% recycling to 70%
 - Mattresses -- a market shift from 100% recycling to 72%
 - Wood – a market shift from 100% recycling to 80%
 - Paper quality criteria had reduce from 10% tolerance to 3%
 - Mixed media (books, CDs, DVD) – stopped completely
- The cost of recycling is also increasing
 - Carpets increased 204%
 - Mattresses increased 36%
 - Hard plastics increased 294%
 - Plastic and paper income down 33%



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Future Considerations



- EU/WG reviewing new more sustainable recycling targets
 - Remove certain elements from the targets
 - Rubble; Bottom ash; Plasterboard; Wood; Sweeping
 - 55% by 2025 to 70% by 2050
- Environment Bill 2018 – part 4
 - Separate commercial collections
 - Bans to landfill of specific materials
- Deposit Return Schemes
 - Consultation to being soon
 - Debate over a Welsh and English approach
 - Significant impact on targets, processing and costs
- Collections blueprint
 - Retest the model for service delivery
 - Future infrastructure capacity



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Current position



- Monitor and review the glass pilot
- Keep monitoring and pushing for +64%
- Contribute to the new consultations
 - New targets
 - Environment Bill
 - Deposit return schemes
- Work with WG and their technical team to remodel options for Cardiff services
- Bring forwards a new revised strategy towards the end of 2019



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