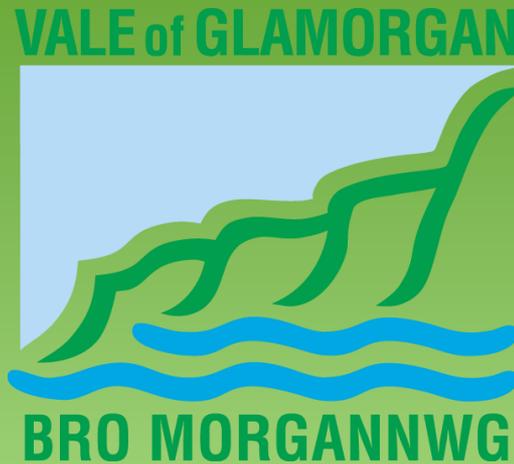


WASTE MANAGEMENT UPDATE



**By Colin Smith - Operational Manager
Neighbourhood Services [Operations]**



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WASTE MANAGEMENT UPDATE

- Reflection on the Implementation of restricted residual waste
- Performance update
- Grant Funding (CCP Capital)
- Collections blueprint
- WTS progress
- Recap on current waste treatment & recycling processes
- Recycling targets, future policy changes, national aims and performance



Restricted Residual Waste

- Implemented 3rd September 2018
- Educational approach for the first fortnight of collections
- Monitoring and stickers applied for 2nd fortnight of collections
- Waste wardens on black bags vehicles from October
- Overwhelming success in the first month

Cyfyngiad o ddau fag du ar gyfer
casgliadau gwastraff cartref

Two bag limit for black bag
household waste collections

O 3ydd
Medi
2018

From 3rd
September
2018

I ddarganfod mwy ewch i:
www.valeofglamorgan.gov.uk/baglaudu

To find out more visit:
www.valeofglamorgan.gov.uk/blackbags



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Performance Update

KERBSIDE COLLECTIONS (Black Bags)

- * 35% waste reduction during implementation month compared to the average tonnage of each month this financial year
- * 36% increase in food waste
- * 2% increase in dry recycling (restricted data)

* Unverified data



**Dros y cyfyngiad 2 fag du
2 black bag limit exceeded**

Ewch â'ch bag(iau)
ychwanegol i mewn a
gwaredu unrhyw
ddeunydd ailgylhadwy.

Please take your
extra bag(s) in and
remove any
recyclable materials.



- www.valeofglamorgan.gov.uk/bagioudu
- www.valeofglamorgan.gov.uk/blackbags
- CIY@valeofglamorgan.gov.uk
- 01446 721536



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Performance Update

HWRC's

- Meet & Greet on entry
- Identification checks
- Sorting station installed
- Sorting guidance provided
- 61% reduction in residual waste

Changes to your Household Waste Recycling Centres (HWRCs)

From 3rd
September
2018

When visiting the HWRCs you will need to:

- 1 Sort recyclable from non-recyclable materials at home** so that when you visit the HWRCs you can place items in the correct skip. This will make your visit quicker and easier.
- 2 Open bags that you bring to the HWRCs** to show our team that they do not contain recycling. If they do, you will need to sort them on site or return home to do this.
- 3 Bring proof that you live in the Vale of Glamorgan**, for example, your driving licence or utility bill.

Only non-recyclable items will be allowed in the household waste skip.

A wide range of materials can be recycled at the HWRCs including:

 cardboard	 paper	 mixed glass bottles & jars	 household plastic packaging
 hard plastics	 garden waste	 batteries	 small appliances
 large appliances	 fridges & freezers	 cooking oil	 books
 compact discs	 scrap metal	 carpet	 mattresses
 car batteries	 mixed textiles & clothes	 fluorescent tubes	 tvs & monitors

 www.valeofglamorgan.gov.uk/HWRCs  Vale of Glamorgan Council
 CIV@valeofglamorgan.gov.uk  @VOGCouncil



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GRANT FUNDING – CCP CAPITAL

- Capital funding of £3.5m secured for 2018/19
- VoG prioritised for further funding in 2019/20
- Funding condition - MWSC
- Vehicles
- WTS
- Receptacles

Changes at your Household Waste Recycling Centres

Please sort the bags you bring to the HWRC to ensure only non-recyclables go in the household waste skip



From 3rd September 2018



www.valeofglamorgan.gov.uk/HWRCs



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Collections Blueprint Update

- Implementation from April 2019
- Collections from summer 2019 in the Vale
- Late summer 2019 in Barry and Penarth 2020
- Containers and vehicles selected



Waste Transfer Station

- Interim site for service roll out secured in Cowbridge
- Design and remedial works required to accommodate sorting
- Draft design for permanent site completed
- Securing site, ground investigations and detail design next stage



Food Waste - AD Facility

- Anaerobic Digestion (AD) to process food waste
- 35,000 tonne facility
- OUTPUT – methane-rich biogas and separated digestate for agricultural use
- Produces enough energy to power 4,000 homes
- Reduces the release of harmful landfill gases into the atmosphere
- Zero waste to landfill



Green Waste - Open Windrow Composting (OWC)

- Collected, shredded and stored in rows
- Rows are turned to improve oxygen content, mix in or remove moisture, and to redistribute cooler and hotter portions of the pile
- Output - compost
- Facility at Cardiff Councils Lamby Way Depot



Dry Recycling

- **Contract with Casepak Ltd to process and sort materials which expires 31st March 2019. Options to extend to 31st March 2021**
- **Currently sent to Cowbridge WTS**
- **Recyclate collected by Casepak and transported to Leicester to their Materials Recycling Facility (MRF)**



Waste Disposal

- Includes all domestic & commercial black bag waste, street cleansing, HWRC and bulky waste (ex. metals)
- Treated at Viridor's Energy Recovery Facility (ERF) as part of Prosiect Gwyrdd (PG) Initiative
- A 25 year contract that commenced 1st April 2016 in partnership with Cardiff, Newport, Caerphilly, Monmouthshire and the Vale
- Now a 420,000 tonne per annum facility which is the largest ERF in Wales
- A facility that can generate enough energy to power over 50,000 homes

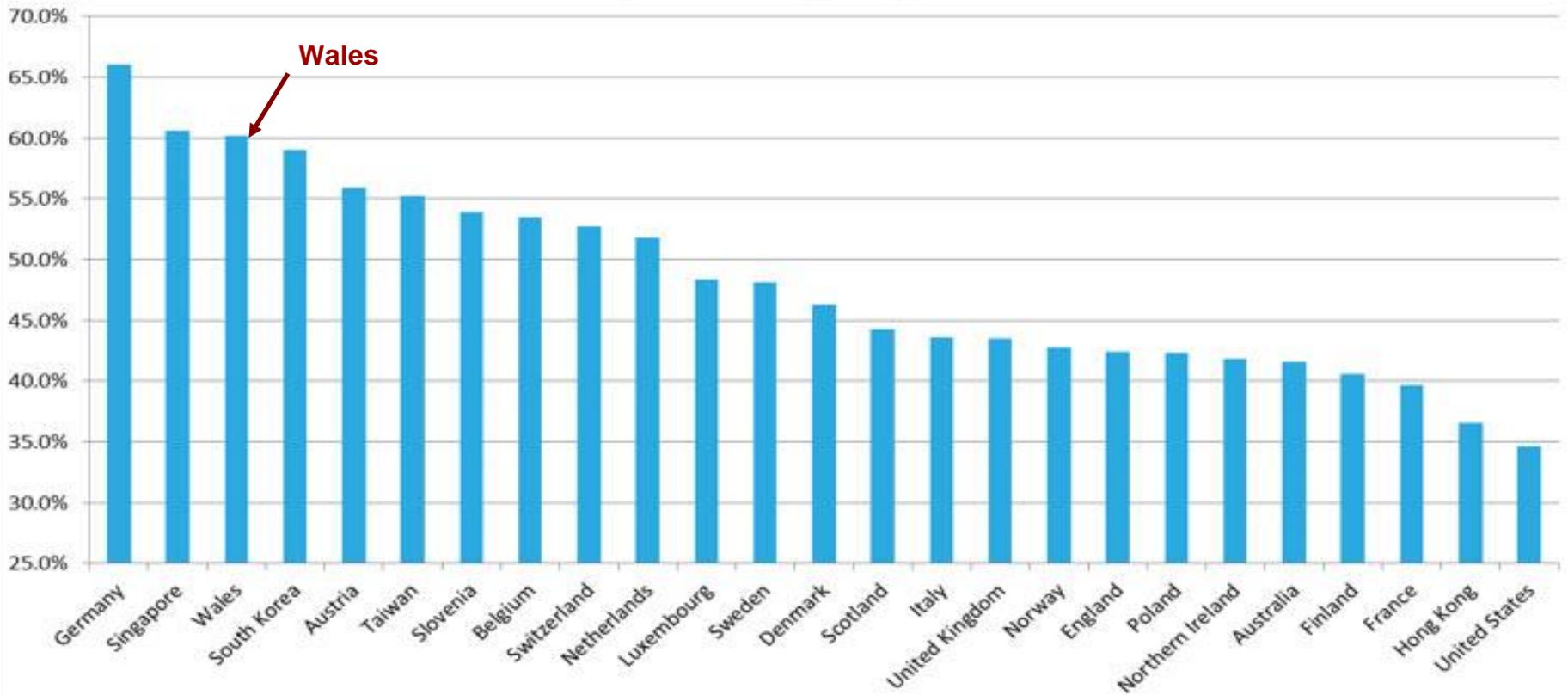


Our Current Performance

- Recycling rate for 2017/18 was 63%
- First quarter of 2018 suggests a rate of 65%
- WG's current recycling target is 58%
- Targets are now statutory within Wales Waste Measure 2010
- Target rises to 64% in 2019/20 and 70% by 2025

Our performance as a country

Reported Recycling Rate



Source: Eunomia Consulting 2017



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Our aims as a country

2025: Towards Zero Waste

Significant waste reduction (including reuse) (27% reduction)

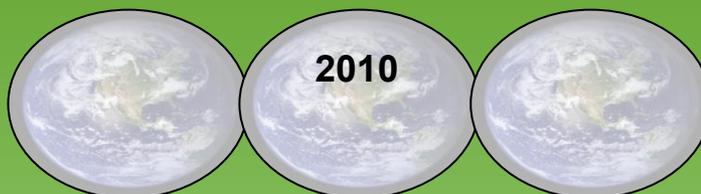
Recycling rate of at least **70%**

AD food waste priority

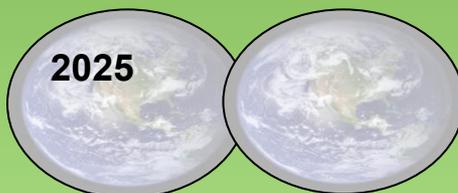
'Closed loop recycling' systems (high quality, separate collection)

Residual waste to high efficiency EfW

As close to **zero** landfill as possible



Waste prevention and 70% recycling targets



Waste Prevention, SCP, 100% recycling



2050: Achieving Zero Waste

Reduce our share of Wales' ecological footprint to 'one Wales: one planet' levels by 2050 (**65%** reduction of waste)

Produce no residual waste, through more sustainable consumption and production - any waste that is produced is re-used/ recycled (at **100%**).

Future Policy Changes ?

- **70% recycling rate by 2020 (non statutory) ?**
- **Increasing recycling rates to 80% ?**
- **Maintaining fines for failing targets at a minimum of £200 per tonne**
- **Review of the collections blueprint Spring 2019 which may include recommendations to collect nappies, film, batteries and textiles**

Any questions?



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