



**Gweithio dros Gaerdydd, gweithio gyda'n gilydd**  
**Working for Cardiff, working together**





# Maximising Recycling Quality

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# Welsh Recycling Targets and their attainment



- Moving Goal
  - Contamination from restricting
  - Quality protocols, what was counted before is now contamination
  - Green fences
- Challenges
  - Green waste – recycling tonnages v cost savings/blueprint
  - Commercial income – big issue for cities, 4% recycling loss
  - Packaging Regs
  - Buying habits



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# Welsh Recycling Targets and their attainment



- Dedicated person to markets and prices
- Looking at new markets
  - uPVC, tyres
  - Domestic skip services
- Getting more out of what you collect
  - Refresher training for crews
  - Polishing, post sorting to retain quality
  - Space to sort
  - Education and enforcement – but can bring its own issues
- Technology – invest to save
  - Incab
  - Autosorting not for MRFs only



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# Current collection arrangements



- Cardiff are
  - 140l restricted residual fortnightly residual (70% bins/30% bags)
  - Weekly food caddy
  - Weekly Dry recycling co-mingled bag
  - Fortnightly/monthly green waste (70% bins/30% bags)
  - Monday to Friday 6am-2pm, 2pm to 10pm
- Flexible fleet & Double shift
- Market risks around glass so exploring separate glass
- Hygiene support, waiting on market to be viable for recycling



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# Current collection anomalies



- Cardiff have
  - 20% student population
  - 25% flats
  - Real mix of streets – parking issues, congested streets, rural lanes
- Properties that don't fit the norm
  - Individually assessed
  - Where do you draw the line
  - Property or the person
- B&Bs, residential and nursing



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# Current collection arrangements and anomalies

- Cardiff has launched itself as an events capital
- New visitors, positive impressions
- Increased security, road closures, vehicle mitigation
- 24 hour working
- Fighting for costs
- More waste, little recycling
- Commercial waste team led
- Profit margins understood
- “black holes” flagged corporately
- Offer the whole package



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# Prosiect Gwyrdd – Partnership working

- Residual waste
  - 5 authorities secured a merchant energy recovery facility
  - 350,000 tonnes of waste/year, 30MW of electricity
  - Price banding to drive minimisation
  - Competitive edge for commercial disposal
- Organics
  - Food and green waste
- What's next
  - Regional dry recycling
  - Partnership to gain economies of scale –
  - Energy supplies, hydrogen fuels, combined heat and power





# Public engagement and enforcement



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STAY OUT OF THE BLACK...  
DOES DIM ANGEN TAFLU...

... MOVE INTO THE GREEN  
... OS GALLWCH AILGYLCHU

Cardiff needs your help to RECYCLE MORE!  
Mae angen eich help Caerdydd i AILGYLCHU MWY!

Changes begin the week of 27th July 2015  
Cyflwynir y newidiadau'r wythnos yn dechrau 27 Gorff 2015

www.cardiff.gov.uk/recyclemore  
www.caerdydd.gov.uk/ailgylchumwy



HELPU CAERDYDD I GYNHYRCHU DAI O WASTRAFF  
**THE REALLY RUBBISH CAMPAIGN**  
HELPING CARDIFF TO MAKE LESS WASTE  
Your 3 STEP guide to Recycling and Waste Collections  
Eich canllaw 3 CHAM i Gasgliadau Ailgylchu a Gwasttraff

What is your collection day? (Turn over if your area is not below)  
Dwrnod casglu eich ardal chi yw? (Trowch drodroed os nad yw'ch ward i'w gweld isod)

Tuesday	Wednesday	Thursday	Friday
Butetown Grangebow Riverside	Gabalfa Cathays Pen-ylan	Adarnowen Rumney Sliot	Heath Whitchurch
<b>Dydd Mawrth</b>	<b>Dydd Mercher</b>	<b>Dydd Iau</b>	<b>Dydd Gwener</b>
Butetown Grangebow Glan-y-rafon	Gabalfa Cathays Pen-ylan	Adarnowen Tredarech Sliot	Y Mynydd Bychan Yr Eglwys Newydd

recycle for Cardiff  
ailgylchu dros Gaerdydd  
www.wasteawarenesswales.org.uk

GARDEN WASTE WINTER COLLECTION DATES  
DYDDIADAU CASGLIADAU GAEIF  
GWASTRAFF GARDU

Garden waste is collected less often in the winter. Cestigwr gwasttraff gardd yn llai amlyn y gaeaf.

MONDAY	GARDEN WASTE / GWASTRAFF GARDU						DYDD LLUN
Caerau	14/11/16	28/11/16	26/12/16	23/01/17	20/02/17	20/03/17	Caerau
Ely	14/11/16	12/12/16	09/01/17	06/02/17	06/03/17	03/04/17	Trelai
Craigiau Fairwater St Fagans	07/11/16	21/11/16	19/12/16	16/01/17	13/02/17	13/03/17	Craigiau Y Tylloped Saint Ffagan
Radyr, Pentyrch Morganstown Tongwynlais	07/11/16	05/12/16	02/01/17	30/01/17	27/02/17	27/03/17	Radyr, Pentyrch Pentre-poeth Thongwynlais

TUESDAY	GARDEN WASTE / GWASTRAFF GARDU						DYDD MAWRTH
Canon	08/11/16	22/11/16	20/12/16	17/01/17	14/02/17	14/03/17	Treganna
Butetown Grangebow	15/11/16	29/11/16	27/12/16	24/01/17	21/02/17	21/03/17	Butetown Grangebow
Riverside	15/11/16	13/12/16	10/01/17	07/02/17	07/03/17	04/04/17	Glan-y-rafon
Llandaff North Llandaff Velindre	08/11/16	06/12/16	03/01/17	31/01/17	28/02/17	28/03/17	Ysfael Llandaff Feindre

Collection days may change during bank holidays. Visit www.cardiff.gov.uk/recycling for all recycling and waste information.  
Gal ddiwmodau casglu newid ystod gwyliau banc. Ewch i www.caerdydd.gov.uk/ailgylchu i gael y holl wybodaeth am ailgylchu a gwastraff.

Food waste collections  
We're doing it weekly - are you?



Casgliadau gwasttraff  
Ry'n ni'n ei wneud yn wythnosol ydydd chi?

Ewch i www.compostandamrageror a fanylion ffonio ffonio C2C ar 2087 2087

Visit www.compostandamrageror for more details or call C2C on 2087 2087



Is it a GARDEN WASTE BLACK WASTE or WINTER GARDEN week?  
Ydy hi'n wythnos GWASTRAFF GARDU, GWASTRAFF CYFREDINOL neu WASTRAFF GARDU YN Y GAEIF?

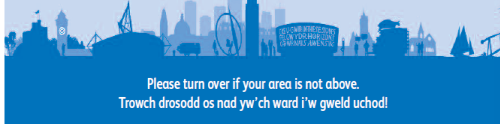
July 2016 Gorrffennol	August 2016 Awst	September 2016 Medi	October 2016 Hydref	November 2016 Tachwedd	December 2016 Rhifyr
M T W T F U M M T G	M T W T F U M M T G	M T W T F U M M T G	M T W T F U M M T G	M T W T F U M M T G	M T W T F U M M T G
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Find out what recycling and waste to put out...  
Pa ailgylchu a gwastraff sydd i'w roi allan...

BLACK WEEK	GARDEN WEEK	WINTER GARDEN WEEKS
gwastraff gwastraff / ailgylchu / dard	gwastraff gwastraff / ailgylchu / dard	gwastraff gwastraff / ailgylchu / dard
GWASTRAFF CYFREDINOL	GWASTRAFF GARDU	GWASTRAFF GARDU YN Y GAEIF



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# Headlines



**Cllr Bob Derbyshire should be Unreal Bob Derbyshire @banbobsbins**

Cardiff Councillor and Cabinet Member with special (ir)responsibility for the Environment. Serial purchaser of Wheelie Bins. Parody Account.

## Cardiff Against the Incinerator

**Warnings for Cardiff residents putting out wrong waste**

Cardiff residents return 'waste of money' wheelie bins

Waste from across Wales could be brought to a Cardiff incinerator



The #bingate controversy raged on this week with the council beginning its new waste collection regime

**Cardiff's seagulls must be plotting their revenge on the council over 'bin-gate'**

BOB, THESE GREEN BINS, ARE THEY RECYCLABLE?



# Public engagement and enforcement

- Public have a short term memory, three to two years
- City wide campaigns gets people talking
- A good “issues” to debate – not necessarily a bad thing e.g. HWRC closure
- Community buy-in and nudge theory – hard work but can have positive impacts
- Door to door, leaflet and stickers – poor results and short lived
- Enforcement of recycling – the legislation is there if you’re creative, be prepared for the unseen.
- Getting the balance between making a lot of noise and enforcement on the ground.
- Social media – push the boundaries, vlogs, powerful network, have fun



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Diolch Am Wrando  
Thanks for listening

**Jane Cherrington**

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**Cardiff Council**



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