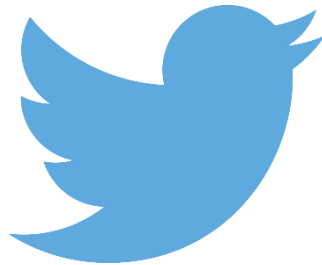


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Scotland's Deposit Return Scheme

What are the implications on a UK wide basis?

Why opt for a DRS?

- Recycling rates stalling
- Poor quality and contamination
- Circular re-use (drinks containers to new drinks containers)
- Carbon / Climate emergency
- Litter
- Producer responsibility

What's included in the scheme?

- PET plastic bottles,
- Metal cans
- Glass bottles



When you buy a drink in one of these single-use containers, you'll pay a 20p deposit

Where will the deposits be charged?

- Supermarkets
- Shops (no limits / exceptions on size)
- Vending machine sales
- Online retailers / takeaways

Not in bars or restaurants that return the containers themselves

Where can customers return empty containers?

To any shop or retail / takeaway premises

- Over the counter
- Through a machine (called a Reverse Vending Machine)
- Via an online retailer (empties collected at the door)

Deposits returned?

- Once a container is returned then..
- Deposit is returned – cash or a card return
- Reverse vending machines – will have a mechanism for refunds and use a bar code or other ID system
- Community groups could act as return points
- Small handling fee for retailers etc .

Recycling

- The empty bottles and cans are collected for recycling
- Sent to sorting sites
- Bar codes used to identify the producer and material
- Reverse logistics?

‘The scheme will capture 90% of containers in the scheme for recycling’

- The scheme will be managed by the producers of the drinks, and retailers.
- A form of extended producer responsibility, it will be funded by producers.
- Mirrors international schemes
- Paid for through three sources of funding: unredeemed deposits, revenue from the sale of materials and a producer fee.

Implications for local authorities.....

- UK – a need for consistency across borders?
- Arguably removes saleable recyclates from the local authority stream
- Systems already in place for kerbside collections – what happens to fleet and the workforce!

Left with.....

- Residual waste – including residual recycling materials
- Green waste / food waste
- Paper
- Implications for waste disposal contracts?

Sorting / waste transfer stations and recycling collections

- Scheme proposes non-profit new organisation.
- Commissioning approach? Private sector operators?
- What happens to local authority capacity?
- Trade waste operations?
- The value of trade waste increasingly from recycling!

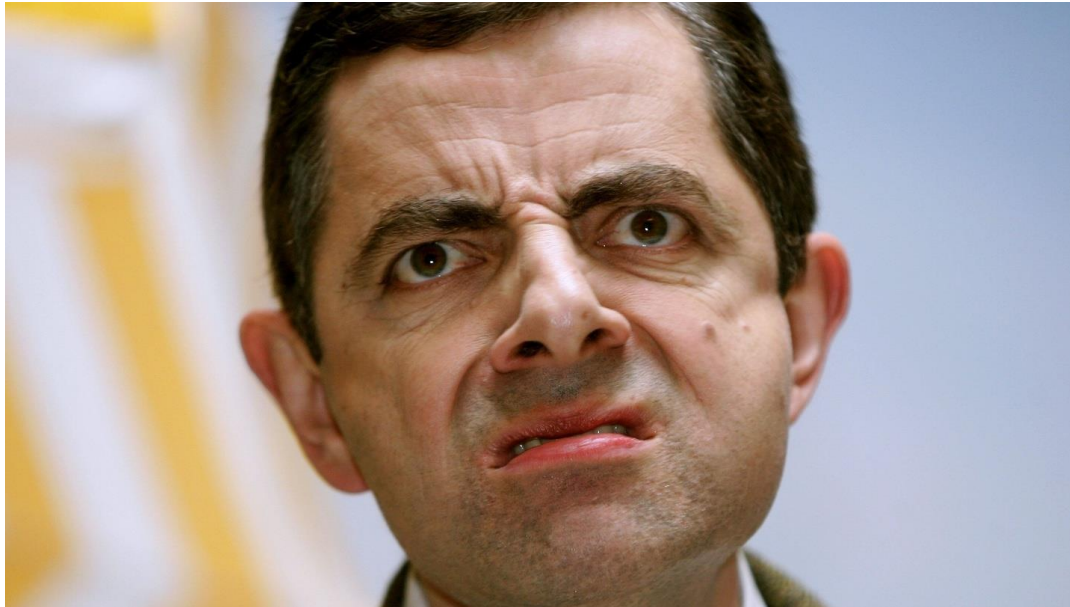
APSE's thoughts.....

- In principle ... good if we can get to the 90% rates claimed on international schemes
- Still carbon intensive as the materials will be reprocessed in the main – not reduce / re-use
- What is left in the local authority streams?

Cost Benefit Analysis

- Councils have already invested in new plant and equipment for current recycling
- Do they face major service reconfiguration and their capacity disregarded in favour of a commissioning framework?
- Is this TUPE? Or non-TUPE transfer with redundancy risk sitting with councils?
- Who pays for a recalibrated workforce / service?
- Carbon footprint of change! Obsolete fleet!

Yep... this is what I feel like too!



NEW MUNICIPALISM

Delivering for local people and local economies

Contact details

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Coordination**

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Association for Public Service Excellence

3rd floor, Trafford House, Chester Road,
Old Trafford, Manchester M32 0RS.

telephone: 0161 772 1810

web: www.apse.org.uk



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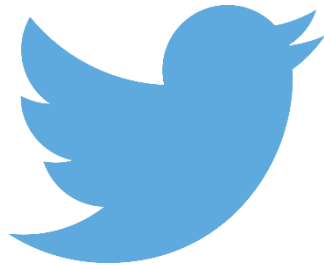


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APSE Northern Ireland Seminar - 14th June 2019

Striding Ahead on Environmental Commitments

A man in a blue uniform and high-visibility vest stands next to a white FARID waste truck and a red bus. The truck has the name 'Mark McAdoo, Head of Environmental Services, Mid Ulster District Council' printed on its side. The man is leaning against the red bus.

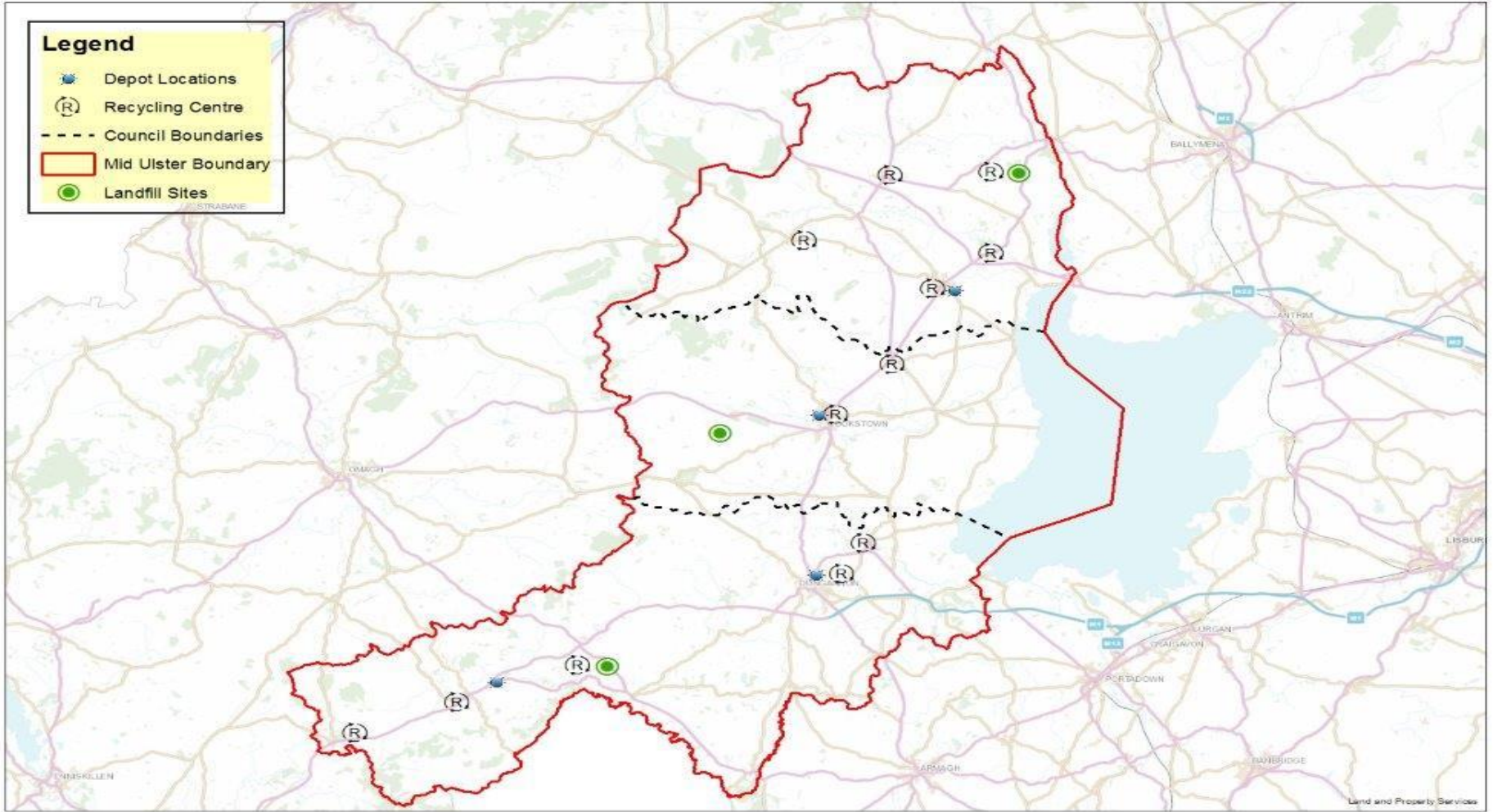
Mark McAdoo
Head of Environmental Services
Mid Ulster District Council

Environmental Services - Mid Ulster

- Annual Expenditure - £12m
- Employees - 215 No.
- Responsibilities include:
 - Refuse and recycling kerbside collections (55,000 households)
 - Provision of Recycling Centres
 - Waste transfer facilities
 - Landfill site management/aftercare
 - Waste recycling, treatment and processing
 - Street cleansing and removal of fly tipping
 - Environmental Education and Awareness

Legend

- Depot Locations
- Recycling Centre
- Council Boundaries
- Mid Ulster Boundary
- Landfill Sites



W D F ?

$(L_D \times RB\%) + (L_{TH} \times 0) + (L_{MBT} \times (RB\% \times MBT_{AF})) + (L_{OT} \times RB\%) + (Div_R \times RB\%)$

= B L A C M W L !



Hi 14°C | Lo 6°C Belfast | WEATHER

Quarter of Northern Ireland homes unhappy with council recycling service



Homeowners want all councils to 'commingle' household recyclables and glass in the same bin (stock photo)

By **Mark Bain**
May 10 2019



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LATEST NEWS FOR RESOURCES & WASTE PROFESSIONALS

04 June 2019 • EMPOWERING YOU TO GROW: Join CIWM today to access the tools you need

The CIWM Journal is evolving

HOME NEWS ARCHIVE MAGAZINE ARCHIVE OPINION VIDEO ADVERTISING MVO A

Northern Ireland Recycling Collections Need "Simplicity & Convenience"

Posted on 2 May 2019 by **Darrel Moore**



'OTHER COUNCILS SHOULD BE TAKING LEARNINGS FROM AREA'



The Council has exceeded the EU's Directive of a 50% household recycling rate nearly 6.3%, two years before the 2020 deadline.

Mid Ulster out in front for recycling practices

By STAFF REPORTER
news@midulstermail.co.uk
@midmail

A recent NI-wide recycling poll has revealed that more than three quarters (78%) of householders in Mid Ulster say they recycle everything they possibly can, compared to an NI average of 74%.

Some 72% of respondents in Mid Ulster said they are hap-

py with how the council has asked them to recycle, compared to an NI average of 68%.

A total of 87% of householders in Mid Ulster, said they are happy with their current glass collection method, which allows people to place glass in the same bin as other mixed dry recycling. Almost two fifths (37%) admitted that they would recycle less if they had to recycle glass separately, as is the case in several council areas in Northern Ireland.

The survey showed that

in council areas, such as Mid Ulster, where household recyclables (plastic, paper, card etc) can be 'commingled' with glass in the same bin, 80% were happy with their recycling scheme, compared to 42% of those in council areas that did not offer this service.

Joseph Doherty, managing director of Re-Gen Waste Ltd said: "These survey results indicate that prioritising simplicity and convenience is the best approach to ensuring a high level of household re-

cycling. What other councils should be doing is taking learnings from Mid Ulster Council, the top performing recycling council in Northern Ireland.

"Their waste recycling collection is commingled with glass and where other councils are operating several waste collections within their area, Mid Ulster has exceeded the EU's Directive of a 50% household recycling rate nearly 6.3%, two years before the 2020 deadline."

A very long time ago in a galaxy far a
away ...





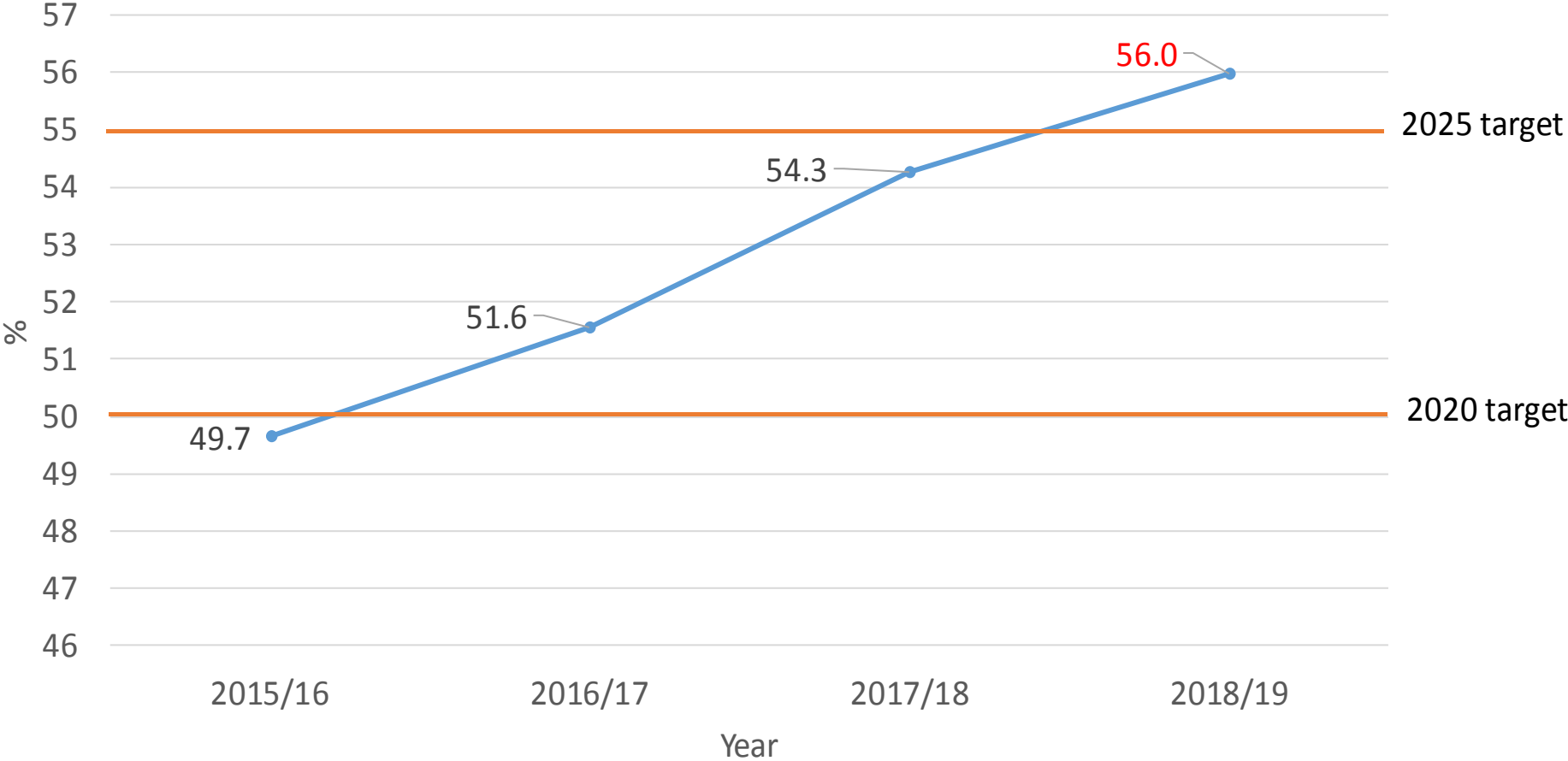
B P E O



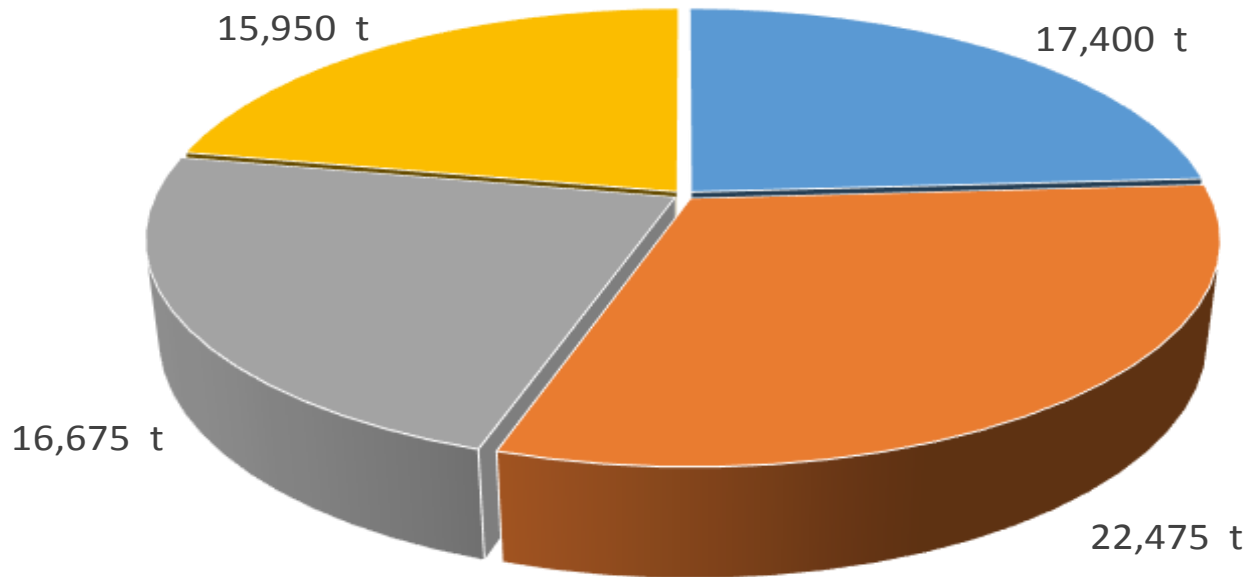
***“DO OR
DO NOT,
THERE IS
NO TRY.”***



MUDC Recycling Rate



2018 Breakdown



■ Recycled ■ Composted ■ Recovered ■ Landfill

First Term Harmonisation

- Pay and Grading exercise completed
- Amended start and finish times
- Flexibility of working across depots
- Agreement on bank holiday working
- Alignment of Recycling Centre opening hours
- Review/reduction of all overtime working
- Refuse collection route optimisation....



Show Layers

- SM Tiles
- Locations
- No Collection Hazards
- Rurally
- Roads
- Lines
- Rate
- Yield
- Type
- Routes Arrows Rep's
- Streets Edges
- Driving Instructions
- Boundary Polygons/Lines
- GPSTrail

Update

Round (blank=Any) **Order**

With Round

1 **Order**

Move same USRN

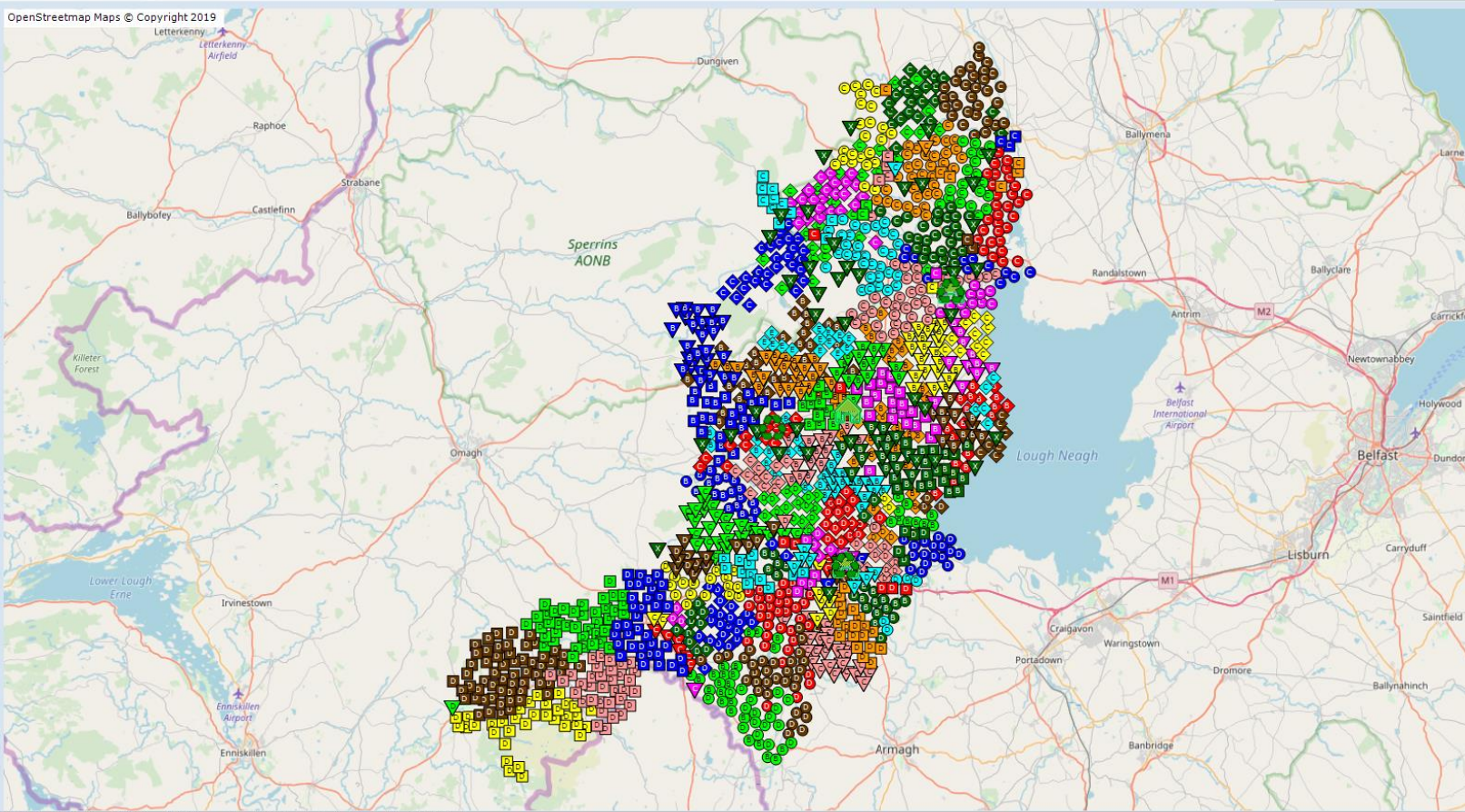
Sensitivity

Rate %: 100

Yield %: 100

Speed %: 100

Find **Clear**



performance Display All in Table Display Selected

Target Time (hrs) 7.5 Ave Time (Selected)=84.99hrs

Round	Time	Mileage	Lo
01.Cks_MP_Mon	4.5	79.99	144
02.Cks_MP_Tue	5.29	112.5	97
03.Cks_MP_Wed	5.76	106.43	181
05.Cks_MP_Fri	6.02	115.82	155
07.Dgn 18T Wed	7.97	144.3	351
08.Dgn 18T Thur	4.24	57.74	302
10.Dgn 18T Tue	5.29	63.99	402
02.CN1_Mon W...	6.73	62.97	890
03.CN1_Tue W...	6.93	68.49	886
04.CN1_Wed ...	6.51	65.16	816
05.CN1_Thu W...	6.7	62.39	885
06.CN1_Fri Wk1	6.2	60.87	785
07.CN2_Mon W...	6.71	82.56	568
08.CN2_Tue W...	8.3	147.23	385
09.CN2_Wed ...	8.08	141.91	387
10.CN2_Thu W...	8.27	144.01	407
11.CN2_Fri Wk1	6.31	77.44	535
12.CN3_Mon W...	8.45	144.78	435
13.CN3_Tue W...	0.87	15.15	3
14.CN3_Wed ...	6.59	111.75	337

9045 Easting 404358 Northing: Latitude 54.88068 Longitude -6.76923 :Scale 141.45km 87.89miles: File C:\Program Files (x86)\EasyRoute_Pro\Design Files\29.5.19final.csv

bins: 74776 Bins : 1121.64 (Tes) Yield : 103 Rounds Min Time 0.87 Max Time 7981.7 : 375.2 (hrs) Total Collection Time : 8749.8 (hrs) Total Round Duration: 208450.7 (miles) Total Round Length : 199 Average Rate: Average Distance to a depot 7.3miles: Average Distance to a reception 7.8miles:: Tonnes: Oaks Road 502 Ballyronan Road 457 Magheraglass Landfill 163: Max Rate 240: Min Rate 240







Your bin collections are changing...

To help you get used to the new collection scheme, the calendar below shows what colour bin(s) will be collected on which day for the next few months.

If you are in any doubt, don't forget you can check your collection day on line at www.midulstercouncil.org/binchanges or why not download the **Bin-ovation App** to remind you? The app will also help you to remember what you can put in your blue, brown and black bins.



● Blue bin Collection
 ● Black bin Collection
 ● Brown bin Collection

JANUARY 2017

Monday 29 ●

FEBRUARY 2017

Monday 5 ● ●

Monday 12 ●

Monday 19 ● ●

Monday 26 ●

MARCH 2017

Monday 5 ● ●

Monday 12 ●

Monday 19 ● ●

Monday 26 ●

APRIL 2017

Monday 2 ● ●

Monday 9 ●

Monday 16 ● ●

Monday 23 ●

Monday 30 ● ●

Key: Mon Cycle A

Should you require this information in an alternative format please contact 03000 132 132 or email environmentalservices@midulstercouncil.org

When is my bin collection day?

Check your bin collection day in Mid Ulster. If you are unable to find your address please contact us on environmentalservices@midulstercouncil.org

48 TORRENT VALLEY, COALISLAND ✕

◀ Previous Month **48 TORRENT VALLEY,** Next Month ▶▶

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
10th September	11th September	12th September	13th September  Brown Collection  Black Collection	14th September	15th September	16th September
17th September	18th September	19th September	20th September 	21st September	22nd September	23rd September



ONLINE SERVICES

[Online Building Control Applications](#)[Bulky Waste Collections](#)[Caravan & Camping Site Licence](#)[Certificate of Fitness \(Housing\)](#)[Commercial Waste Payment](#)[Leisure Services Online Booking](#)[Dog Licences](#)[Entertainment Licences](#)[Event Hire of Parks Facilities](#)[Food Premises Approval](#)[Food Premises Registration](#)[Guard Dog Kennels Registration](#)

Commercial Waste Payment

Please enter your Commercial Waste customer code and name below to retrieve your account information.

If you have forgotten your log in details please email environmentalservices@midulstercouncil.org or telephone on 03000 132132.

Customer code:

Name:

SERVICES

[Abandoned Cars](#)[Allotments](#)[Bins & Recycling](#)[Are you a Recycling Hero?](#)[Brown Recycling Bins](#)[Blue Recycling Bins](#)[Bulky Waste Collections](#)[Bulky Waste Collections](#)[Buying A Bin](#)[Bin Changes: Magherafelt Area](#)[Commercial Waste Disposal At Recycling Centres](#)[Commercial Waste Services](#)[Download Our Bin App](#)[Recycling Guides](#)[Love Food Hate Waste](#)[Recycling Centres](#)[Recycling For Schools](#)[Textiles Recycling](#)[When is my bin collection day?](#)[Biodiversity](#)[Births, Deaths & Marriages](#)[Building Control](#)[Elections: Register To Vote Online](#)[Consumer Protection](#)[Dogs & Animal Welfare](#)

Bulky Waste Collections

From 1 April 2018, a nominal £5 charge is payable for our bulky waste collection service. We will still collect up to 3 items.

Examples of what we will collect

Cookers, fridges, carpets, suites of furniture and mattresses (please note that for health and safety reasons, mattresses must be covered in plastic)

Examples of what we won't collect

Fixtures and fittings of a house like bathroom suites, oil tanks, garage or internal/external doors, garden waste or general waste (e.g. bin bags).

To request a collection simply complete and submit the form below.

We aim to collect your items within 14 days of receipt of payment.

Name:

Please enter your name

Address:

Town/Village:

Postcode:

Tel No:

E mail address:

Item 1 for collection:

Item 2 for collection:

Item 3 for collection:

Please note that we will collect a maximum of 3 items and we will only be able to collect the items you have listed. If you are asking us to collect a MATTRESS, for health and safety reasons, ALL MATTRESSES MUST BE COVERED IN PLASTIC. Items for collection to be presented at the front edge of the property. Please note that our staff are not permitted to enter houses, garages, sheds or other buildings to collect items.

Please indicate if you have a dog at the premises:

 Yes No

If you have a dog, please keep it under restraint on your collection day (i.e. in the house or secured in a kennel)

Security code:

Enter security code:









Bag it & Bin it

Please clean up after
your dog



Maximum penalty
£500



Thoughtless Litterers

We're watching you!



Use a bin or face a
maximum fine of **£1,000**



Comhairle Ceantair
Lár Uladh
Mid Ulster
District Council

Bin-ovation

WHICH BINS?

NEWS/INFO

REPORT IT

MORE

Report issues directly to your council

Here are some issues you can report:



REPORT IT

For waste-related issues you can

Contact your council directly

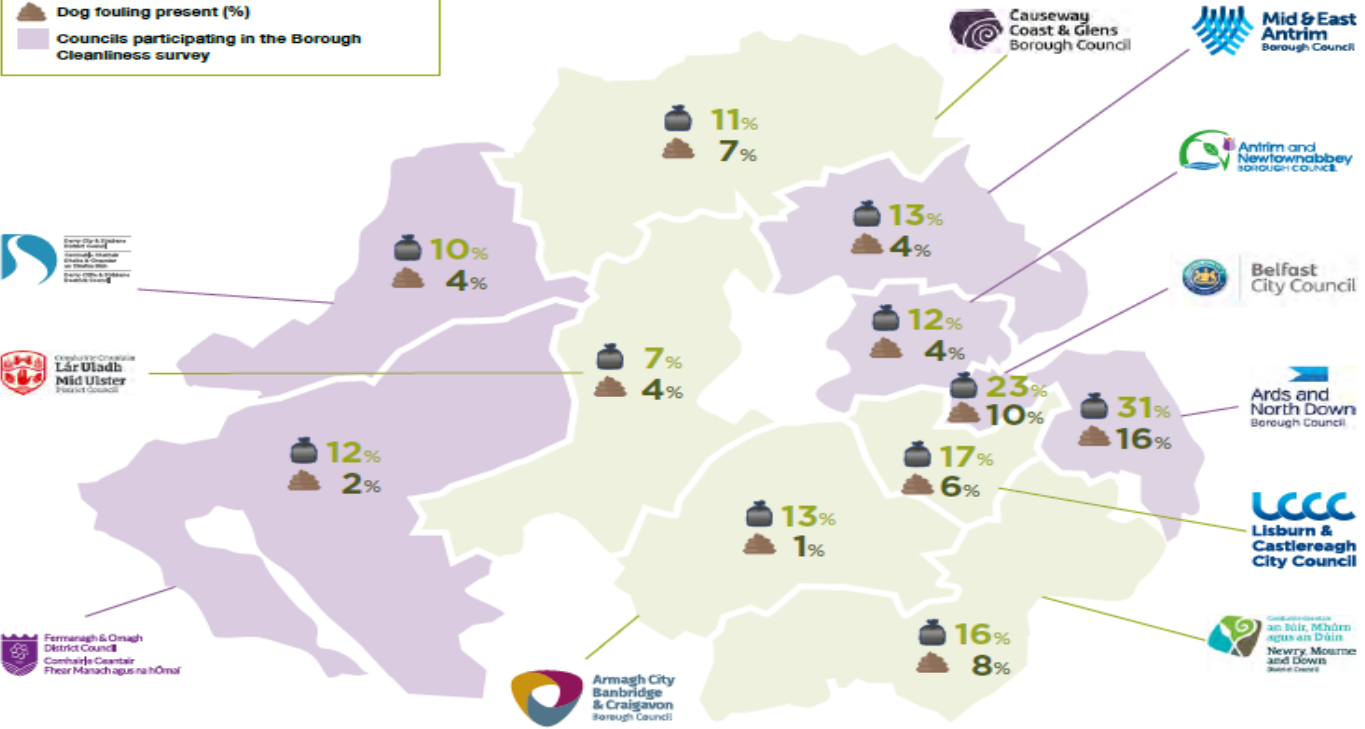
Mapped survey results for each Council

Transects badly affected by litter or dog fouling

The percentage of transects which fall below the required standard for litter, and the percentage of transects on which dog fouling was observed in each Council area.

KEY

- Litter including dog fouling (%)
- Dog fouling present (%)
- Councils participating in the Borough Cleanliness survey



Dog fouling

The improvement in rates of dog fouling across the eight different land uses has been one of the big success stories over the last two years. This year, figures have dropped in all areas apart from Main Road and High Obstruction Residential, although it should be noted that in both of these land uses the 2017/18 figures were still lower than those from 2015/16.

While High Obstruction Residential transects showed the highest incidence rate of dog fouling, it was actually recreational areas which appeared to suffer the most from the cluster effect. Transects affected by dog fouling showed an average of 1.49 dog fouls across the eight land uses, whereas those in recreational areas alone had 2.25 dog fouls. This may be the same dog using the same spot repeatedly, or the presence of dog fouls may be signalling to other dog walkers that they don't need to pick up after their own dog.

There have been successful behavioural change, or nudging campaigns run by various Councils to directly address the issue of dog fouling. Keep Northern Ireland Beautiful has produced a number of posters to help with these initiatives, which are now available upon request. See our website for details.

AVERAGE FOR ALL OF NI:

- 15%
- 6%

Corporate Improvement Objective

“To help manage our waste and environment by reducing the amount of waste going to landfill”



Award new residual waste contract

Close/cap landfill sites

Build new waste transfer station







**Drumcoo
Recycling Centre**

Site Users →

← **Service
Vehicles**

10

Site Office

Children to be kept in Vehicle
Commercial waste charges apply
No Asbestos No Tyres
No Clinical Waste

← **Keep Left**





No food waste please!

Remember to use your brown bin
for food waste all year round

Call 03000 132 132
www.midulstercouncil.org/recycle



Comhairle Ceantair
Lár Uladh
Mid Ulster
District Council

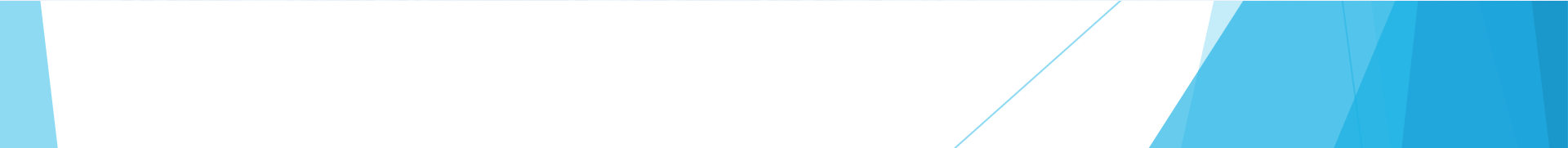




Make a difference
Please put food in your **brown bin**
not your **black!**



www.midulstercouncil.org/recycling





Zero or Hero?

Are you a **Recycling Hero?**

Take our **online quiz** and find out!

#RecyclingHero

www.midulstercouncil.org/recyclinghero

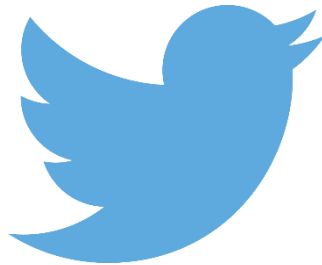


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#RecyclingHero



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Green Infrastructure: Rethinking Greenspaces



Dr. Christine Doherty

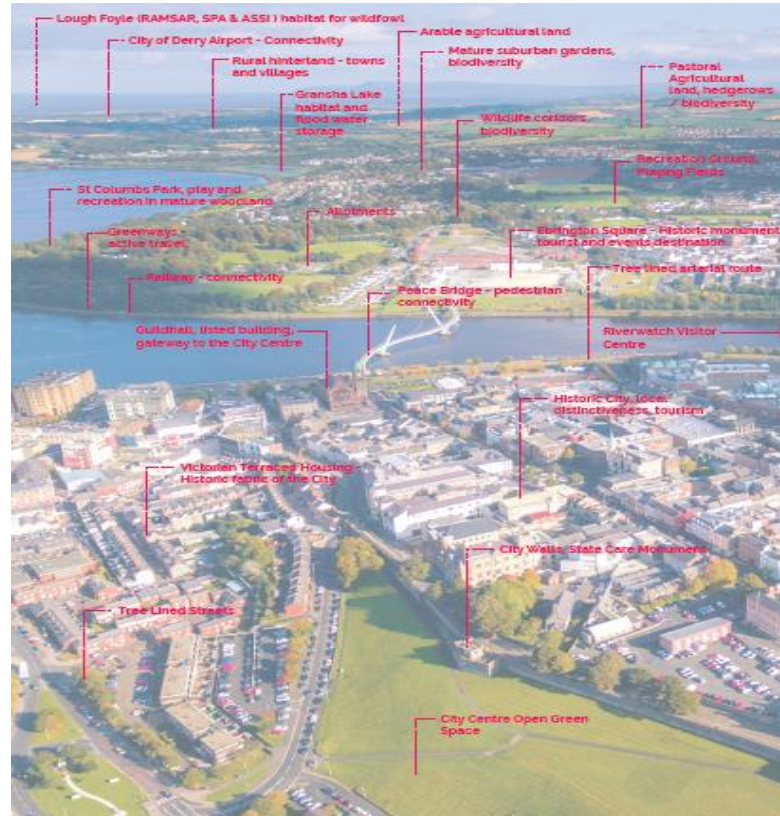
Derry City & Strabane
District Council
Comhairle
Chathair Dhoire &
Cheantar an tSrátha Báin
Derry Cille & Strábane
Districk Council

Green Infrastructure

- What is Green Infrastructure?
- Green Infrastructure Plan
- Green Infrastructure Projects

What is Green Infrastructure?

- ▶ Green Infrastructure is an interconnected network of multi-functional natural areas, which provide multiple environmental, economic & social benefits.



Green Infrastructure Functions

	Functions
Economic	Economic Growth & Investment
	Land & Property Values
	Placemaking & Tourism
Social	Sport, Recreation & Leisure
	Health & Wellbeing
	Education & Life-Long Learning
	Sense of Community
Environmental	Access & Connectivity
	Ecosystem Services
	Climate mitigation & Adaptation

Stages

GI Framework



GI Plan



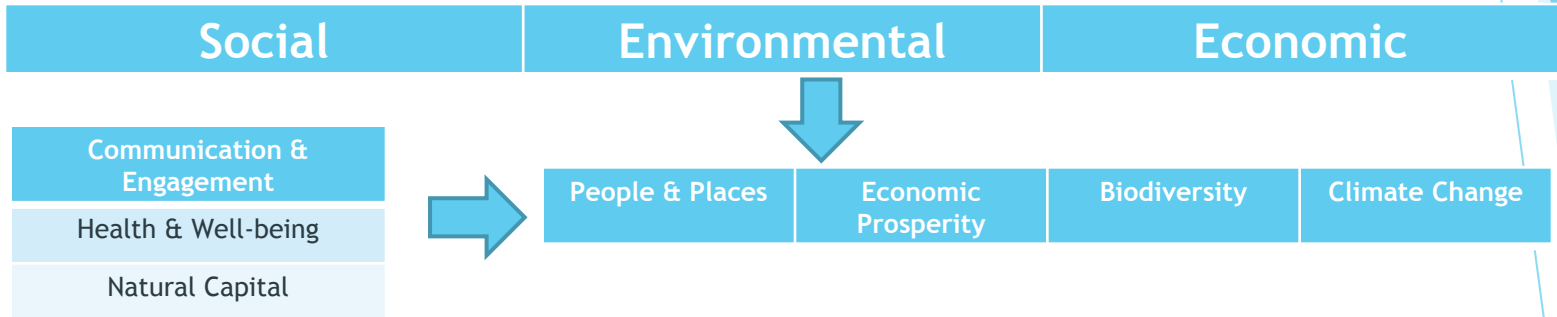
GI Action Plan



Implementation & Monitoring



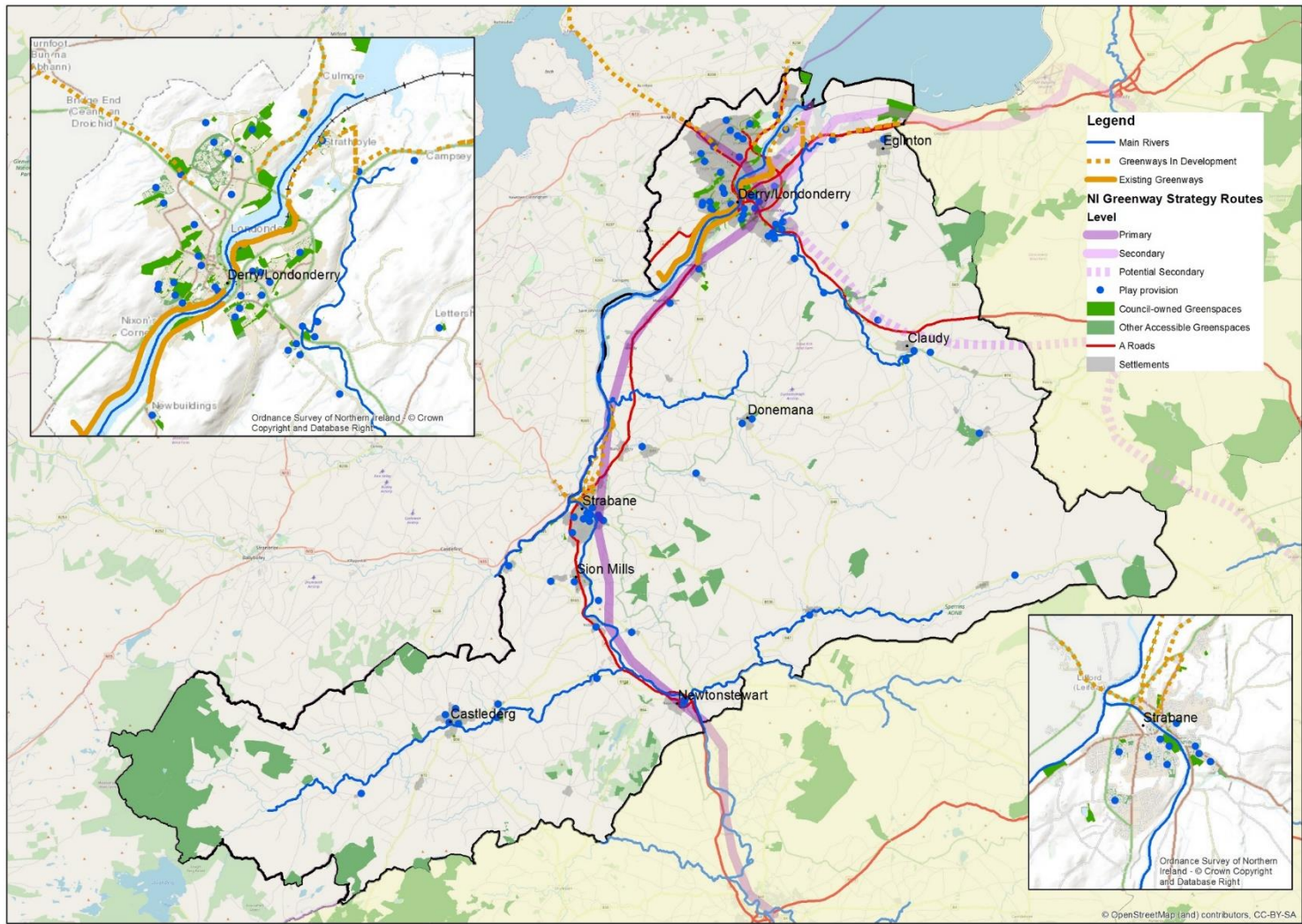
Green Infrastructure Plan & Community Plan



People & Place

Strategic Aim:
Green Infrastructure enhances our quality of life

Strategic Priorities	Potential Actions
Provide high quality multi-functional green & blue spaces	<ul style="list-style-type: none">• Holistic, integrated approach to develop, manage & maintain our green spaces for GI• Develop our parks & green spaces including regeneration of Culmore District Park, Castle Site & St Columb's Park
Develop quality play provision	<ul style="list-style-type: none">• Review existing play provision & identify the need for additional play provision throughout the District• Ensure children can participate in physical active play & use GI to develop natural opportunities
Develop an active & sustainable transport network	<ul style="list-style-type: none">• Deliver the North West Greenways Project• Develop the Strathfoyle Greenway• Promote a modal shift away from the use of cars towards sustainable travel, for example, multimodal transport hub



£6 m restoration of Historic Gardens at Brooke Park, Derry



Economic Prosperity

Strategic Aim:

GI is a key aspect of Economic Growth

Strategic Priorities	Potential Actions
GI provides opportunities for lifelong learning and employment	<ul style="list-style-type: none"> • Training programmes with TCV / Creggan Country Park / NWRC/ DCSDC, to include upskilling opportunities
Green and blue spaces are a driver for tourism and economic growth	<ul style="list-style-type: none"> • Developing & promoting heritage assets • Develop & promote the use of greenways & blue ways (experiences) as tourist attractions • Commercialisation of greenways, to encourage new businesses / pop up businesses / new jobs / services
GI is a key component of regeneration projects	<ul style="list-style-type: none"> • Support the implementation of the Urban Villages Programme in the Bogside, Fountain & Bishop St areas to improve the physical environment • Improving quality of space at Bishop Street car-park • Create pocket parks
GI supports a local circular food economy	<ul style="list-style-type: none"> • Connect to Food & Drink Strategy • Aquaculture • Acorn Farm • Allotments

Circular Food Economy at Acorn Farm



Area z: Park Entrance & Avenue, Acorn Farm Demonstration Project



Avenue and Park Entrance

A new Park Entrance and Avenue is proposed to create a majestic approach to St Columbs Park House and provide better connectivity to Ebrington. The Avenue will replace the existing road and will include new tree planting either side of the road. The formalised entrance includes decorative gates, piers and walling reflecting the heritage of the park.

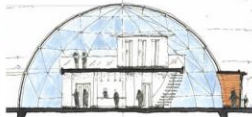
Planning permission has been granted and the scheme is awaiting funding.

Acorn Farm

Acorn Farm is a social innovation project supporting employment through food production and urban agriculture.

Using the principals of permaculture through design and iconic geodesic dome architecture, Acorn Farm will be a unique visitor attraction providing jobs as well as research and training opportunities.

The site is located on derelict, MOD land. Planning approval, business case and funding is pending.



Acorn Farm, Photomontage



Left to right: Geodesic Dome, demonstration raised beds, willow tunnel and polytunnel.

Horticultural Training Centre, Brooke Park



Biodiversity Strategic Aims & Priorities

Biodiversity Strategic Aim:
GI supports wildlife & habitats that provide ecosystem services.

Strategic Priorities	Potential Actions
Minimise habitat loss & fragmentation, to include local priority habitats & species	<ul style="list-style-type: none"> • Create, enhance and restore priority habitats that would pose a regional, national or global loss of habitat. • Conduct a tree audit of Council owned sites & produce a tree management system
Minimise the impacts of invasive alien species	<ul style="list-style-type: none"> • Raise awareness, understanding, management and biosecurity measures to address invasive alien species
Adapt to the current & predicted effects of climate change, to minimise the impact on native habitats & species.	<ul style="list-style-type: none"> • Identify habitats and species that are at risk of local extinction from the effects of climate change • Raise awareness, understanding and the impacts of climate change for key habitats, species and ecosystem services
Address the impact of air & water pollution on biodiversity	<ul style="list-style-type: none"> • Plant woodlands to reduce diffuse pollution and improve water quality to meet the Water Framework Directive • Increase urban tree planting to reduce particulate pollution and atmospheric carbon

£8 m restoration of Culmore Landfill Site



Climate change strategic aims & priorities

Climate Change Strategic Aim:

GI will be maximised to mitigate against & adapt to the effects of climate change

Strategic Priorities

Potential Actions

Develop Climate Action Plan

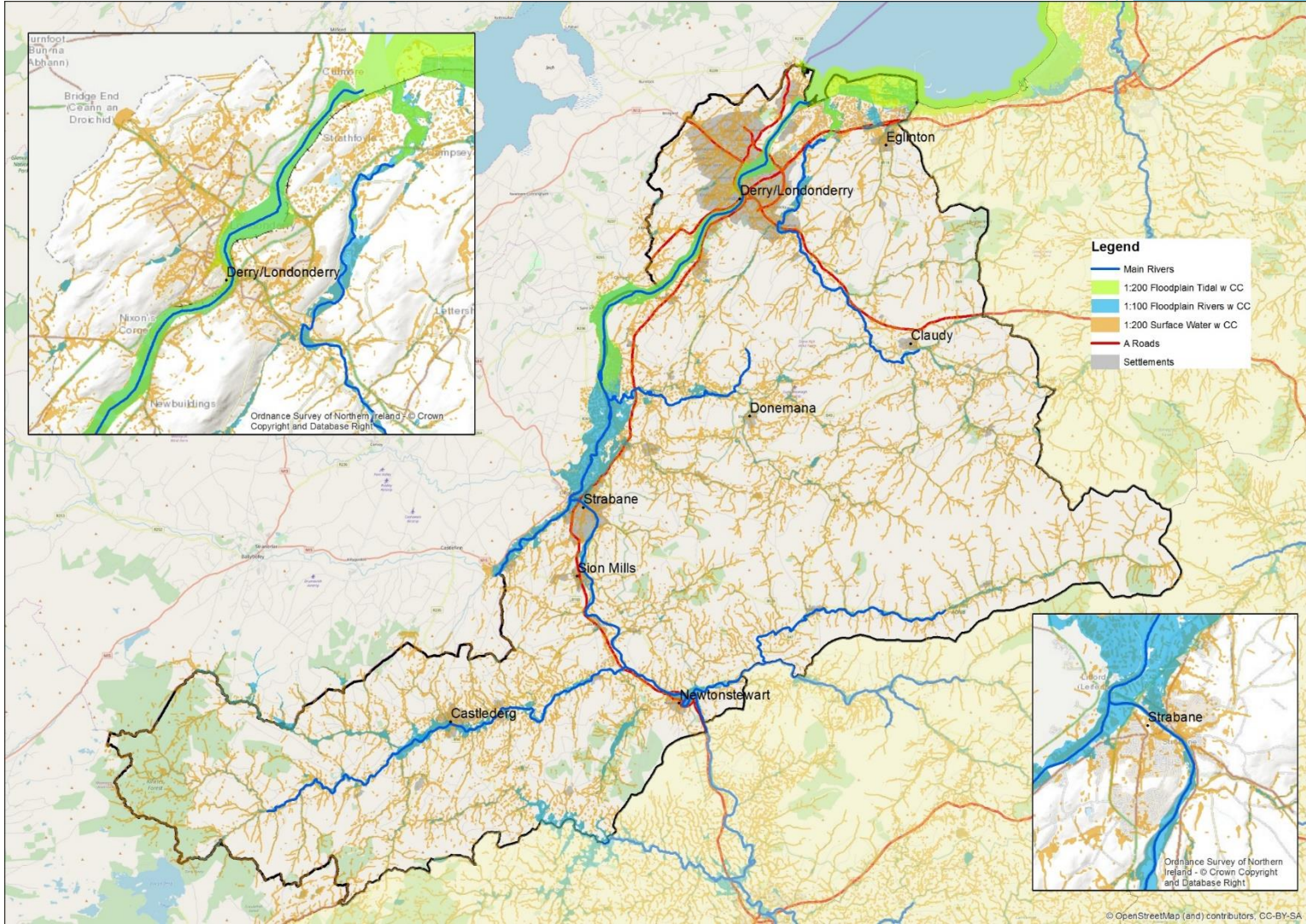
- Conduct a Climate audit
- Develop a district climate adaptation plan and incorporate into the GI Plan

Develop green infrastructure as preferred climate action response

- Encourage SUDS to reduce the need for additional grey infrastructure
- Adapt existing built infrastructure to manage rainwater

Develop green infrastructure to address the effects of climate change and severe weather events in the District

- Planting floodplain, riparian & wider catchment woodland for flood risk management
- Promote green roofs for cooling, air quality improvements and surface water management



Next Steps

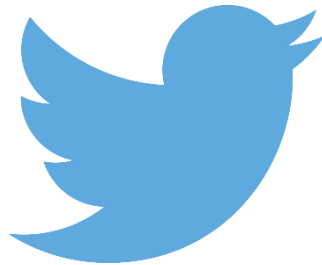
Phase	Action	Timescale	Progress
Phase 1	Develop GI Framework & Obtain Council Approval	May 2018	Complete
Phase 2	Develop Green Infrastructure Plan & Secure Approval	Stakeholder Engagement June – Oct 2018	Complete
		Produce Plan July – Dec 2018	Complete
		Council Approval – Feb 2019	Complete
		Strategic Growth Plan Stakeholder Approval – Feb 2019	Complete
		Public Consultation – March 2019	Complete
		Launch GI Plan (Conference) - March 2019	Complete
		Develop GI Action Plan	Jan– Jun 2019
Phase 4	Action Plan Delivery, Monitoring & Review	2019-2032	Pending

Thank you

For further information on Derry & Strabane's
Green Infrastructure Plan 2019-2032 visit:

www.derrystrabane.com/GI

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Public Service Excellence**

Communication Campaigns to Change Behaviour and Improve Recycling

14th June 2019

Elaine Smith - Waste Manager

APSE Conference

Sustainable Environments: The Role of Frontline Services

www.midandeantrim.gov.uk



**Mid & East
Antrim**
Borough Council

Outline

- Developing a communication strategy with WRAP and DAERA
- Household Recycling Centres contributing to reuse and recycling targets
- Treating waste as a resource





**Mid & East
Antrim**
Borough Council



Background

- Councils recycling rate had levelled at 45%
- Recognition from Council Officers and Elected Members of the urgent need to move from ‘waste disposal’ to ‘waste resource management’
- A desire to significantly increase the recycling rate



Initial Aims and Objectives

- A recycling target of 60% by 2020 (10% more than statutory target)
- A net waste processing cost saving 5% by 2020
- A reduction of 5% recyclates being placed in black household waste bins



What did we do?

1. Household kerbside collections - food

- Worked with WRAP and DAERA to maximise the value from being part of a regional campaign
- Involved Council's communications team
- Innovative campaign for food waste recycling
- Harmonised services and improved education and communication across all Household Recycling Centres (HRCs)
- Team effort from communications to operations.



**Mid & East
Antrim**
Borough Council

Phase 1 - Soft messaging

February 2017

- Adshells
- Billboards



FEED ME!

Food waste in our Borough costs us £1million in landfill tax each year. Get your money back! Recycle your food waste.

To request a free food caddy or brown bin, please call us on **0300 124 5000**.

For more information, visit www.midandeantrim.gov.uk/foodwaste

The billboard features a blue background with the text 'FEED ME!' in large white letters. Below the text is an illustration of a brown food waste bin with a green lid, overflowing with various food items like bananas, apples, and vegetables. The bin is shown from a slightly elevated angle, with the lid tilted back.



**Mid & East
Antrim**
Borough Council

Phase 1 - Soft messaging

February 2017

Council magazine



Big changes to bin collections

We are changing the way we collect food waste from April. All food waste – from leftover scraps of dinner to the forgotten cucumber languishing in your fridge – must be placed in your brown bin. You cannot put ANY food waste into your black bin.

Why are we changing?

IT'S THE LAW
A change in legislation requires us to.

IT SAVES MONEY
It costs us twice as much to dispose of food waste in a black bin as it does to recycle food waste from a brown bin.

IT PREVENTS ENVIRONMENTAL DAMAGE
Food waste that ends up in landfill is the most polluting type of waste due to the release of harmful gases.

IT HELPS THE ENVIRONMENT
Food waste in brown bins is made into high-quality compost.

What happens if I get it wrong?

Our refuse collectors will be keeping an eye on the black bins they lift. If we find food waste in a black bin, we will place a warning sticker on the

bin. If we find that some black bins are repeatedly carrying food waste, we will flag that bin with a red sticker and it will not be emptied. You will need to

remove the food waste before that bin can be emptied as part of the next scheduled collection.

Tips for using your kitchen caddy

1 Line your caddy with a biodegradable bag. We will supply these three times a year in April, July and October. If you run out, you can buy more or use newspaper to line the caddy. Please do not use plastic bags as these will not biodegrade.

2 Put your food waste in. When it is full, remove the bag and knot it. You can clean your caddy by rinsing it or wiping it with a cloth.

3 Drop your bag of food waste into the brown bin or kerbside caddy. Newspaper or kitchen roll can go directly into the brown bin as they will decompose. Leave it outside on collection day by 7.30am with its lid closed.

?
Help!
I need more advice

We understand this may be a big shift for some people who don't use their brown bins for food waste. We want to encourage you to make this change.

To request a brown bin or kitchen food caddy, please email: recycling@midandeantrim.gov.uk or call 0300 124 5000.

For more information, visit www.midandeantrim.gov.uk/recycling

Waste and Recycling

FEED ME!

As of April 2017, all food waste must be put in your brown bins. No food waste is allowed in your black bins. We understand this is a big change for some people, so here are some frequently asked questions that we have received since the roll-out of the scheme, which you may find useful.

Why is food waste now banned from black bins?

A new law has been introduced in Northern Ireland which states that councils must collect food waste separately from other waste.

Will my rates bill rise due to the cost of recycling my food waste?

Recycling food waste costs half the amount of landfilling food waste because the government charges us an expensive landfill tax. Money saved by recycling food waste will:

- Help keep rates bills down.
- Be invested in new and better community services.

What about odour and pests?

We collect food waste every two weeks, so food waste doesn't stay any longer in these bins than it would if placed in a black bin. Food waste in brown bins doesn't increase odours or pest problems compared to putting food

waste in your black bin. Keep your lid tightly closed and you should not have any problems with pests.

What about the mess of recycling my food waste at home?

We provide a free kitchen food waste caddy and 150 compostable food waste caddy liners each year. Use these to store your food waste separately in your kitchen or utility room and dispose of this in a mess-free way. When the bag is full, tie a knot in your caddy liner, take the bag out of the caddy and drop the bag in your brown bin.

What type of food waste must I recycle?

Put all food waste in your brown bin.

What happens if I run out of compostable liners for my caddy?

We will deliver three free rolls of liners to every household each roll contains 50 bags in April, July and October. If you run out, you can buy biodegradable caddy liners from most supermarkets, or from Council facilities at

£1.30 per roll. You can also use newspaper to line caddies and this can be recycled along with the food.

Can I use plastic bags for recycling my food waste?

Plastic bags are not acceptable in caddies or food waste bins. You can only use compostable bags.

What else can I put in the brown bin for recycling?

You can put other compostable material in the brown bin:

- Green waste such as grass, weeds, plant and hedge clippings.
- Fire ashes (cold).
- Paper kitchen roll, paper towels and paper.
- Wet card and paper that can't go into the blue bin or red/black kerbside boxes.
- Small amounts of shredded paper.
- Clean straw, hay or sawdust.

What happens if I put food waste in my black bin?

If refuse collectors find food waste in a black bin, they will place a yellow warning sticker on the bin to remind the householder to only place food waste in their brown bin. If they find it a second time, they will place an amber sticker on this bin, with the same reminder. On the third occasion, refuse collectors will flag that bin with a red sticker noting that the bin was not emptied and the householder will need to remove the food waste before that bin can be emptied as part of the next scheduled collection.

I live in an apartment. Does this apply to me?

Yes, but we can assess individual needs if required, contact us directly on the details below.

To get advice or request a food caddy or brown bin, contact us on:
- Email: recycling@midandeantrim.gov.uk
- Telephone: 0300 124 5000 and select Option 0.



Phase 2 - Action messaging



BROWN IS THE NEW BLACK

From 1st April 2017, new legislation means the way we collect food waste is changing.

All food waste must now be placed in your brown bin. We won't collect your black bin if it contains food waste.

For more information, visit www.midandeantrim.gov.uk/foodwaste

March 2017

- Billboards
- Entire Refuse/recycling fleet
- Connections magazine



**Mid & East
Antrim**
Borough Council

Phase 2 - Action messaging

Information pack delivered to every household:

- Letter from CE
- Brown bin sticker
- Food leaflet



Dear Householder,

Food Waste – Brown bin only from April 2017

By now you will have seen the eye-catching “Feed me” and “Brown is the new black” advertising campaigns appearing throughout Mid and East Antrim. How you dispose of food waste in the Borough is changing, a legal requirement beginning in April 2017.

From April food waste should no longer be discarded in your black bin. Instead, all food waste must be disposed of in your brown bin, which will continue to be emptied as before. If you have any enquiries about the service or do not have a brown bin or a kitchen food waste caddy, you can request one free of charge by calling us on 0300 124 5000. We will provide you with compostable liners for kitchen caddies three times a year. If you use a bag there will no longer be a requirement to place this on your bin. You will have received your first delivery along with this letter. I hope you also find the information leaflet and calendar useful.

Food waste includes raw and cooked food, vegetables and meat (including bones), leftovers and plate scrapings, vegetable peelings, breads and pastries and out of date food. A food waste sticker is enclosed for you to put on your brown bin to help you to remember this. Don't forget to remove all packaging and where possible, please recycle this packaging in your blue bin or kerbie box with your usual recycling.

It costs twice as much to dispose of food waste in a black bin as it does to recycle food waste from a brown bin. You are also doing your bit for the environment as the food waste in brown bins is made into high quality compost. It's a fact that food waste destined for landfill is the most polluting type of waste due to the harmful gases it releases, so preventing this damage is key.

Our refuse collectors will be keeping an eye on the black bins they lift. If we find food waste in a black bin, we will place a reminder sticker on the bin. If black bins are repeatedly emptied containing food waste, we will alert you using a sticker system and your bin will not be presented until the next collection day with the food waste removed.

By recycling your food waste, you will be helping to save £1million in landfill tax that we hope to remest back into our community. Thank you for your support and if you wish to find out more, further information is available at www.midandeantrim.gov.uk/recycling.

Our environment is a valuable resource that must be protected. I would encourage everyone to do the right thing.

Yours faithfully,

Anne Donaghy
Chief Executive
Mid and East Antrim Borough Council

The Brae
1-29 Bridge Street
Ballymena BT58 8EJ

Tel: 0300 124 5000
www.midandeantrim.gov.uk
Chief Executive: Anne Donaghy

GARDEN AND FOOD WASTE

All Food Waste
Meat and fish – raw and cooked, including bones.
Dairy products, such as eggs and cheese.
Vegetables and fruit – raw and cooked.
Unseasoned food e.g. leftovers and plate scrapings.
Bread, cake and pastries.
Rice, pasta and beans.
Tea bags, tea leaves and coffee grounds.

Garden Waste
Grass cuttings.
Hedge clippings.
Flowers and prunings.

Fire Ashes
(cold)

Some types of paper
Kitchen roll, paper towels and paper tissues.
Wet card and wet paper that can't go into your blue bin.
Small amounts of shredded paper.
Takeaway pizza boxes.

STRICTLY NO PLASTIC BAGS OR OTHER PACKAGING
(compostable bags only)

For more information, call 0300 124 5000 or visit www.midandeantrim.gov.uk/recycling

Food Waste Collections

Your easy guide to food waste recycling in Mid and East Antrim

www.midandeantrim.gov.uk/recycling

Brown bins Yes please

- ✓ Meat and fish (raw and cooked, including bones)
- ✓ All dairy products and eggs
- ✓ Raw and cooked fruit and vegetables (including peelings)
- ✓ Bread, cakes and pastries
- ✓ Rice, pasta and beans
- ✓ Leftover food from your plates
- ✓ Tea leaves, tea bags and coffee grounds
- ✓ Other compostable waste such as garden waste, cold fire ashes, paper kitchen roll, paper tissues and pizza boxes.

No thanks

- ✗ Packaging of any sort
- ✗ Plastic bags
- ✗ Any material which is not food waste
- ✗ Soil, rubble and stones

No food waste in black bins

Food waste can no longer be discarded in your black bin. Instead, all food waste must be disposed of in your brown bin, which will be emptied as normal. We will provide you with compostable liners for kitchen caddies three times a year. Alternatively you may also line your caddy with newspaper.

It costs twice as much to dispose of food waste in a black bin as it does to recycle food waste from a brown bin. You are also doing your bit for the environment as the food waste in brown bins is made into high quality compost.

What happens if I get it wrong?

ALERT! If you put food waste in your black bin we will empty the bin and alert you with a yellow sticker.

ALERT! If you continue to place food waste in your black bin we will give you another reminder with an amber sticker.

ALERT! If you repeatedly put food waste in your black bin we will be unable to empty it. Once food waste has been removed, we will empty it on the next scheduled collection day.

Food waste made easy

Step 1
Line your kitchen caddy with biodegradable bags or newspaper and fill it with all left over food from your kitchen, rinsing with water or emptying with a kitchen cloth.

Step 2
When the kitchen caddy is full, remove the bag and tie it in a knot. Keep it clean by rinsing with water or emptying with a kitchen cloth.

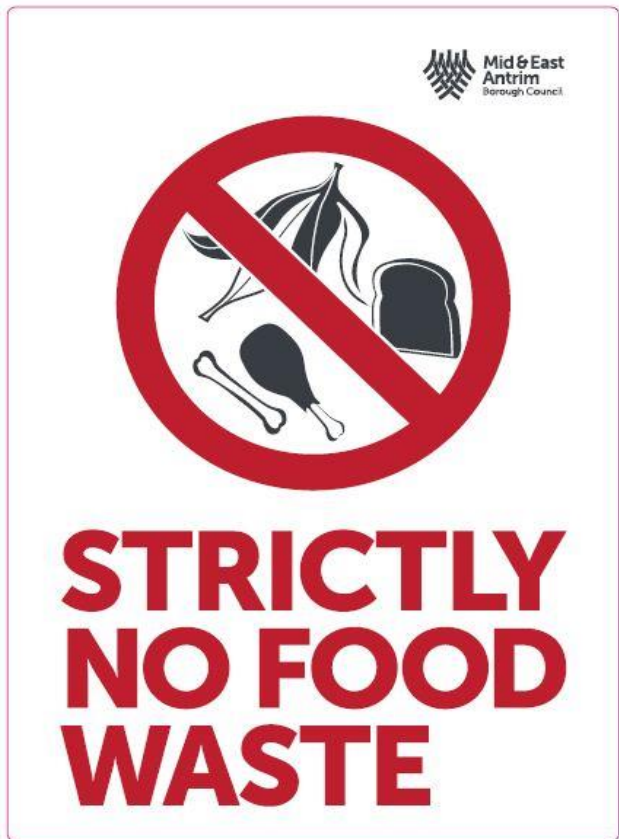
Step 3
Simply drop the bag into your brown bin. Newspaper or kitchen roll can go directly into the brown bin as it will decompose. Leave it outside until collection day at 7.30am with the lid closed.

Further information
Please call us for more details, or visit our website where you can find additional information and FAQs.
Tel: 0300 1245 000
www.midandeantrim.gov.uk
recycling

Phase 3 - Enforcement

May 2017

Sticker on all household residual bins



July 2017

Enforcement stickers for bins



**Mid & East
Antrim**
Borough Council

Phase 4 - Encouraging

Sep - Dec 2017 - Billboards and social media

**We turn your food waste
into compost for our local
parks and flower displays**

www.midandeastantrim.gov.uk/recycling
#caddytocompost

Department of
Agriculture, Environment
and Rural Affairs

recycle

Mid & East
Antrim
Borough Council

Phase 4 - Encouraging



Autumn 2017

Council magazine

Food waste changes set to save £200k

Thank you to everyone who has supported our food waste campaign to help us reduce the amount we send to landfill. We began this campaign in April by asking you to put all your food waste into your brown bin or caddy – rather than your black bin. We are now on track to deliver annual savings of £200,000.

Not only is this helping the environment, but these funds can now be diverted to other projects within Mid and East Antrim.

Your response in numbers:

5015 brown bins requested and delivered

7543 caddies requested and distributed

6593 helpdesk calls and **1909** recycling emails

1378 tonnes less waste sent to landfill in the first three months of 2017 compared to 2016.

£200k – the expected annual savings to ratepayers.

What do I have to do?

Simply put all your food waste into your food caddy. When it is full, empty it into your brown bin for collection. Three times a year we will deliver biodegradable bags with which you can line your caddies. You can also use newspaper or kitchen roll. Our waste operators monitor the contents of bins and place advisory stickers on black bins found to be contaminated with food waste. We operate a three strikes policy, meaning

Did you know?

It costs twice as much to dispose of food waste in a black bin as it does to recycle food waste from a brown bin.

Unwanted food that ends up in landfill is the most polluting type of waste due to the release of harmful gases.

if we find food waste in your black bin three times, it will not be lifted until the food is removed.



Phase 4 - Encouraging



Jan 2018

- Press release
- Refuse/recycling fleet
- Council magazine

Residents' food waste used to help generate more than 9,000 tonnes of compost in Mid and East Antrim



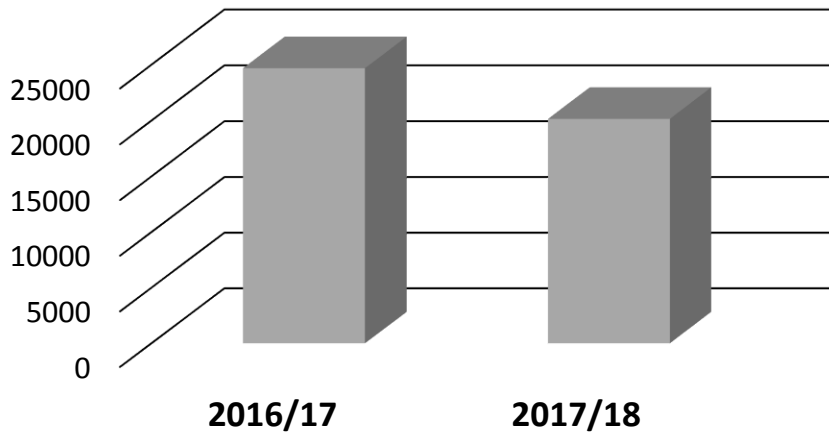
Outcomes

Black bin tonnage landfilled reduced by 18% in 2017/18

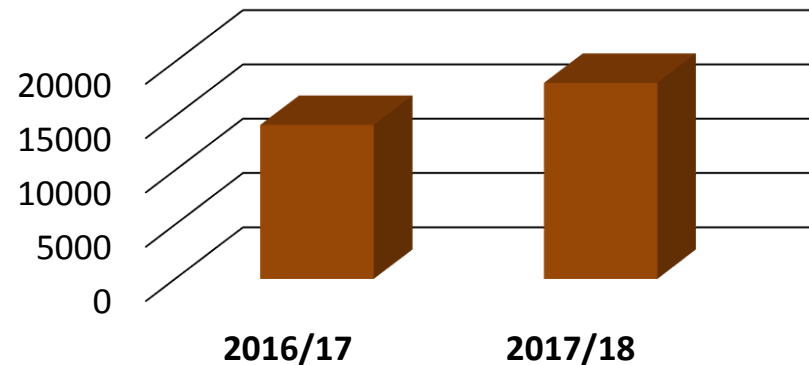
Brown bin organic tonnage recycled increased by 27% in 2017/18



Black bin tonnage landfilled



Brown bin organic tonnage recycled



Outcomes

NI Household Recycling rates comparison

Authority	% Increase in Household Recycling Rate*
Mid and East Antrim Borough Council	7.75%
Belfast City Council	5.65%
Newry, Mourne and Down District Council	4.11%
Antrim and Newtownabbey Borough Council	3.40%
Lisburn & Castlereagh City Council	2.96%

Authority	2016/17 Average Household Recycling Rate*	2017/18 Average Household Recycling Rate*
Mid Ulster District Council	51.56%	54.40%
Mid and East Antrim Borough Council	45.22%	52.69%
Antrim and Newtownabbey Borough Council	47.52%	52.45%
Ards and North Down Borough Council	49.06%	51.95%
Armagh City, Banbridge & Craigavon BC	48.79%	50.84%

Outcomes

- Council recorded the highest recycling rate among NI Councils during Jul-Sep 2017 at 57.5%, an improvement of 8.4% on the same quarter the previous year
- Council increased its recycling rate by 7.5% in 2017, the highest increase across NI Councils
- An additional 160 tonnes of dry recyclables was collected in 2017 compared to previous year
- Annual saving of £250,000 in disposal costs, 7.5% saving



**Mid & East
Antrim**
Borough Council

2. Household Recycling Centres



Council has 5 Household Recycling Centres (HRCs)

www.midandeantrim.gov.uk



**Mid & East
Antrim**
Borough Council

What did we do?

1. Implemented controls:

- Consolidated opening hours
- Standardised operational procedures to ensure sites were run and maintained to a consistently high level
- Procedures in place to manage commercial waste
- Waste disposal contracts for all materials were re-tendered and will be every two years to ensure value for money for ratepayers



What did we do?

2. Educated staff and householders:

- Implemented an education and support programme for staff and householders
- Re-trained staff with a focus on delivering an excellent customer service
- Hosted educational visits by schools and community groups to the sites
- Information leaflets were produced to ensure householders had full knowledge of what and how to recycle materials on site



What did we do?

Educational visits - Ballymena Base site visit to Waveney Road HRC



What did we do?

Information leaflets - different languages

Your colour-coded recycling guide

Cans Drink cans, food tins, aerosols etc.	Textiles Washed clothes and clothes	Plaster Board	Wood, Timber, MDF, Chip Board No glass cement
Domestic Rubbish & Ceramics Small domestic quantities only	Paper Newspapers, magazines, books, soft and hard school books etc.	Cardboard Please ensure boxes are empty	Paint Home occupier only. Hobby (DIY) paint tins can be disposed in the community paid bin
Fluorescent Tubes & Energy Saving Bulbs Special care - hazardous waste. Not available on site	Small Electrical Appliances Hair dryer (blow-dry), hairbrush, hairbrush etc.	Fridge & Freezers Commercial appliance disposal charge (CD)	TV & Monitors All for assistance with heavier appliances

For further information on what you CAN and CANNOT recycle visit: www.midandeantrim.gov.uk/resident/waste-recycling

Recycling Centres

You are welcome to use any of the following centres:

Waverley Road Household Recycling Centre
Waverley Road, Ballymena, BT43 5BA

Sullatober Household Recycling Centre
10 Marshallstown Road, Carrickfergus BT38 9DE

Redlands Household Recycling Centre
Harbour Highway, Larne BT40 3AX

OPENING TIMES	April – September	October – March
Monday – Saturday	9am – 7pm	9am – 5pm
Sunday	1pm – 6pm	1pm – 5pm

Larne South Household Recycling Centre
Island Road Lower, Ballycarry BT38 9HB

OPENING TIMES	April – September	October – March
Tuesday, Wednesday, Thursday & Saturday	9am – 7pm	9am – 5pm

Glenarm Household Recycling Centre
Dunayssan Road, Glenarm BT44 6BA

OPENING TIMES	April – September	October – March
Wednesday & Saturday	9am – 7pm	9am – 5pm

Remember!

- Please sort your waste before visiting the site, as this will reduce time and reduce potential health issues.
- Staff will, as necessary, inspect and examine waste brought onto site for disposal to meet licence requirements and to reduce amount of material accepted.
- The colour code in this leaflet will help guide you toward the recycling centre.
- Attendees are on site to advise and assist you.
- Household Recycling Centres are for domestic waste only. **Commercial and industrial waste will not be accepted.**
- Charity collection point on site for re-use items.

T: 0300 124 5000 (Option 0)
www.midandeantrim.gov.uk

Household Recycling Centres

Your guide to what you can recycle at your local Household Recycling Centre

Waste Operations Department
T: 0300 124 5000 (Option 0)
E: operational.services@midandeantrim.gov.uk

recycle
When you have finished with your plastic recycling

Mid & East Antrim
Borough Council

www.midandeantrim.gov.uk



What did we do?

3. Improved recycling and re-use services:

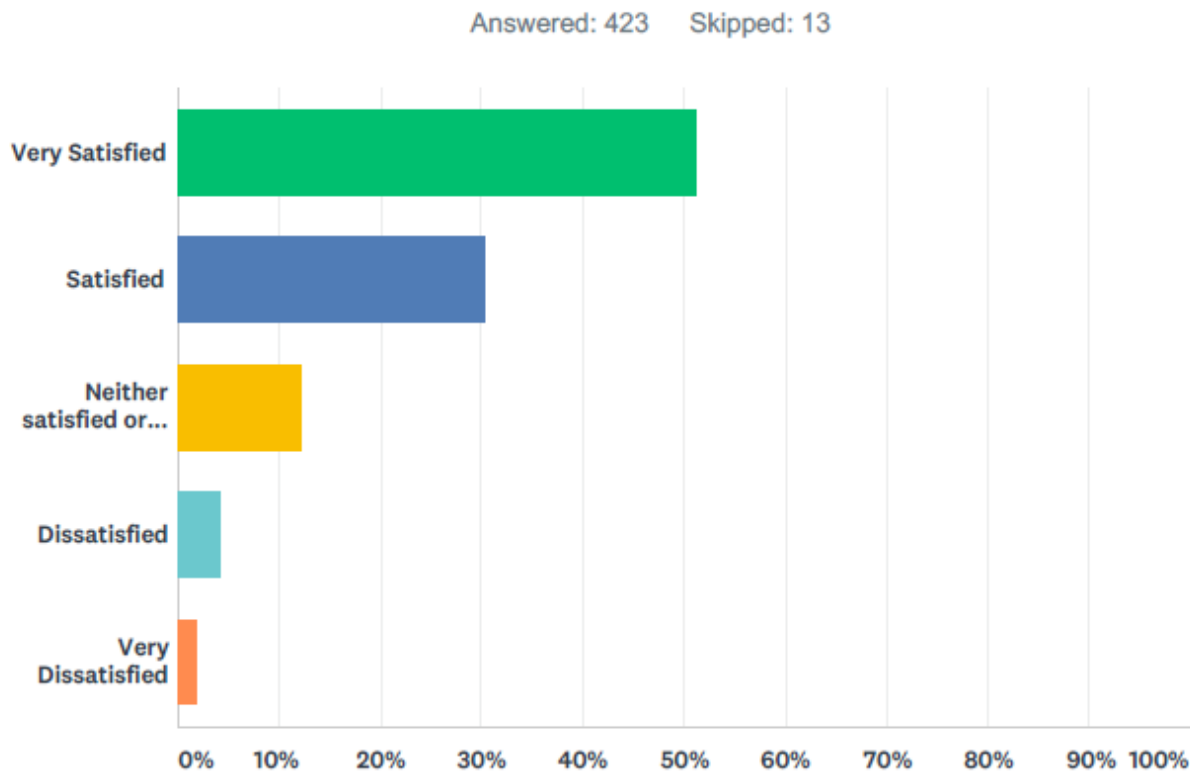
- Invested in redevelopment of Council's second largest site, Sullatober, Carrickfergus
- Introduced new material recycling streams such as mattresses
- Promoted re-use at all sites for paint, bicycles white goods, furniture and DIY
- Customer survey



Positive Feedback

Customer Survey - January 2018

82% of respondents were satisfied or very satisfied with customers service at their local Household Recycling Centre



What did we do?

Introduced mattress
Recycling and furniture
Re-use - USEL

Re-Use Bric a Brac and
DIY - Habitat for
Humanity



Positive Feedback

'... a massive thank you to the guys at the recycling centre the service we received was beyond what was expected.'

Sullatober HRC, 12 March 2018

'... this is the cleanest, best kept centre I have ever seen....this facility is an encouragement for the community to re-cycle their waste.'

Islandmagee HRC, 21 Jan 2018

'... the Waveney Road recycling facility is an excellent facility, well laid out and easily accessible.... I especially wanted to applaud the staff, who are always friendly and helpful.'

Waveney Road HRC, 24 June 2017

'... every guy that I came into contact with during my visits were extremely helpful and polite.'

Redlands HRC, 15 May 2017



**Mid & East
Antrim**
Borough Council

Outcomes

1. Implementing Controls

Improved traffic flow and access to containers for householders. Reduction in landfill of 19% across all sites, saving rate payers over £100,000.

2. Educating staff and householders

This improved staff and householder interaction, site performance, staff motivation and customer service.

3. Improved recycling and re-use services

Sullatober HRC increased its recycling rate by 8.3% in 2017.

Council promotion of paint, bicycles, white goods, furniture and DIY on all communications.



**Mid & East
Antrim**
Borough Council

Awards 2018

APSE Annual Service Awards 2018

Finalist - Best Service Team: Waste Management and Recycling Service

APSE Innovation Awards 2018

Finalist - Waste and Recycling innovation in communication



NIGLA Awards 2018

Winner - Best Local Authority Service Team



**Mid & East
Antrim**
Borough Council

Awards 2018

Sustainable Ireland Awards 2018

Winner - Safety in Waste (Waveney Road HRC)

Winner - Household Waste Recycling Centre of the Year
(Sullatober HRC)



Recent HRC Campaign

Your Household Recycling Centres

There are 5 HRCs at locations across **Mid and East Antrim** council area.
For opening hours and more information visit:
www.midandeantrim.gov.uk/hrc



1. Redlands HRC, Harbour Highway, Larne
2. Sullalober HRC, 10 Marshallstown Road, Carrickfergus
3. Wavenny Road HRC, Wavenny Road, Ballymena
4. Larne South HRC, 5 Island Road Lower, Ballycarry
5. Glenarm HRC, Dickeystown Road, Glenarm

Re-use

Often the items we no longer want can be re-used or repaired and loved by someone else. Furniture, white goods, computers and clothing are just a few of the items that can be accepted for re-use at your local HRC. **Mid and East Antrim** council is working in partnership with local charities to make the best use of these items.



Using Your Household Recycling Centre



Why we want you to recycle more at HRCs

People in Northern Ireland are recycling more and more each year. In 2018 Northern Ireland sent 48% of materials for re-use or recycling which is great news, but we need to do more to meet UK targets to recycle 65% of our waste by 2035.

We currently recycle **52%** of our waste but a recent study of our Household Recycling Centres (HRCs) found that much of the waste that goes into waste containers could be recycled. Recycling more will mean reducing the cost of landfill and helps benefit businesses in Northern Ireland who rely on our recycled paper, glass, plastic, food waste and many other materials.



What this means for you

Anyone visiting a HRC will be expected to have pre-sorted their household waste for re-use and recycling. Our site staff will advise you about which containers to use for recycling and waste disposal. This may include staff asking you to open bags to show that they do not contain recyclable materials. Disposal of recyclable items in general waste skips is not permitted.

Please retain this guide which lists the wide range of materials that can be recycled at your local HRC.



What you need to do when visiting your Household Recycling Centre

To make your trip to the Household Recycling Centre (HRC) as quick and easy as possible please follow the simple steps below:

- S** Sort recyclable and non-recyclable materials at home. Disposal of recyclable items in general waste skips is no longer permitted;
- O** Organise your recyclables and waste in your vehicle so that when you visit the HRC you can place items in the correct containers. This will make your visit much quicker;
- R** Re-use if you have bulky items such as furniture, electricals and bicycles these could be re-used – look out for the relevant containers!
- T** Talk to our staff – if you are unsure about what can and cannot be recycled please ask, our staff will provide advice on which container to use.

A wide range of materials can be recycled at your HRC:

cardboard	paper	mixed glass bottles & jars	household plastic packaging
hard plastics	garden waste	batteries	small appliances
large appliances	fridges & freezers	cooking oil	Cons
Wood	scrap metal	Paint	Ink Cartridges
car batteries	mixed textiles & clothes	fluorescent tubes	TVs & monitors

Please check what materials are accepted at your local HRC by visiting: www.midandeantrim.gov.uk/hrc

For more information about Household Recycling Centres visit: www.midandeantrim.gov.uk/hrc or call: 0300 124 5000 (option 0)

Follow us on:



Mid and East Antrim recycles

Using your Household Recycling Centre

For more information about Household Recycling Centres visit: www.midandeantrim.gov.uk/hrc or call: 0300 124 5000 (option 0)

Mid and East Antrim recycles



Sort your recyclables before you visit.
Disposal of recyclable items in general waste skips is NOT PERMITTED



Summary

- A significant and positive reaction from householders
- Improvement in householder's understanding of the environmental and economic benefits to re-use and recycling
- Significant behaviour change and performance improvement across two separate services that were already in place
- The behavioural change and communication campaign has been recognised by DAERA as “best practice” for other Councils.



Summary

Communication campaigns to change behaviour and improve recycling

- Direction from DAERA/WRAP - Funded/NI Wide/Timing
- Council commitment from the top down
- Align your Communications Strategy to support the National Communications Action Plan
- Have a belief for staff and public to engage
- Team effort from communications through to operations

Thank you

Contact:

Elaine.Smith@midandeantrim.gov.uk

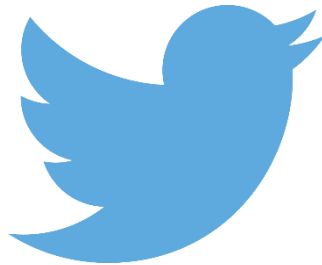
02828262415



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www.midandeantrim.gov.uk

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**@APSE - Association for
Public Service Excellence**