



Perth & Kinross Council

Waste and Recycling Initiatives

Bruce Reekie, Waste Services Manager



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Securing the future... • *Improving services*
• *Enhancing quality of life* • *Making the best use of public resources*

Introduction

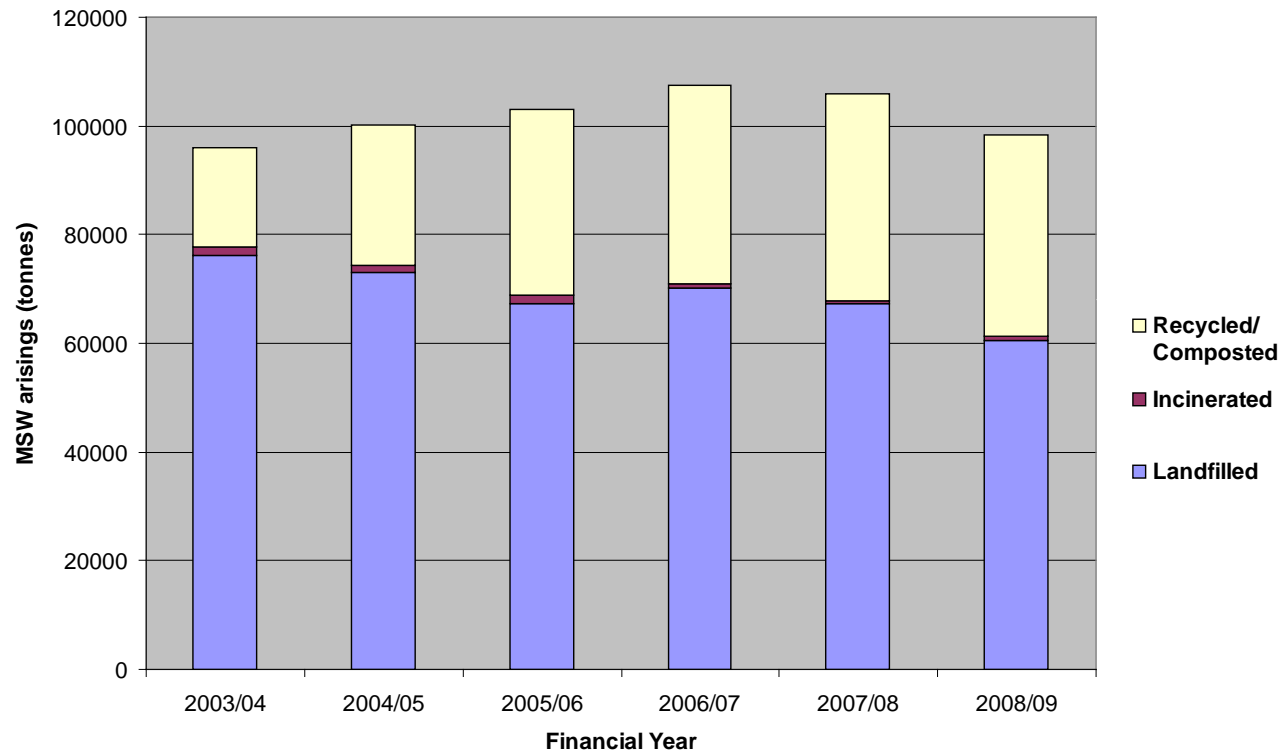
- Due to uncertainty over the Scotland's Zero Waste Plan the focus of today is on Perth and Kinross Council's waste and recycling projects and initiatives:
- Waste Data Modelling
- New Kerbside Recycling Service
- New Ways of Working
- Recycling Centres
- Meeting Future Targets
 - *Reuse Container*
 - *Community Waste and Fly-Tipping Fund*
 - *Zero Waste Fortnight*
 - *Education and Awareness*

Waste data modelling

- Waste data modelling and forecasting future waste arisings key to planning and future decision making
- Influenced by following factors:
 - *Population growth*
 - *Demographic changes e.g. changes in household sizes*
 - *Performance of new recycling schemes*
 - *Effectiveness of waste prevention activities*
 - *Economic growth*
 - *New legislation e.g. new producer responsibility regulations*

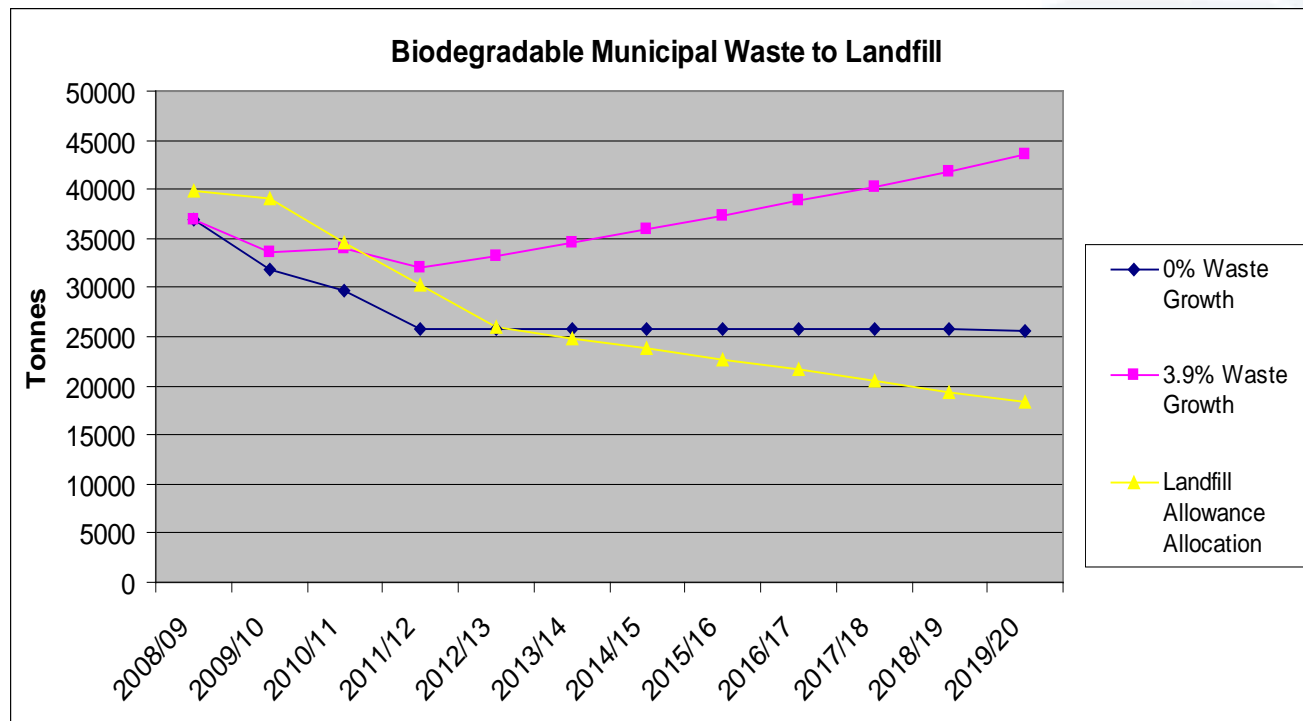
Waste data modelling

Perth and Kinross Council Municipal Waste Arisings



Waste Growth

- National target of zero waste growth from 2010
- P&K Council average waste growth in recent years 3.9%
- Predicted population increase of 30,000 over next 20 years



Hitting the targets

Year	Recycling & Composting
2010	40%
2013	50%
2020	60%
2025	70%

2025 Vision

Recycled	Waste from Energy	Landfill
70%	25%	5%

P&K Council 2009/10

Recycled	Waste from Energy	Landfill
44%	1%	55%

Background

- New Kerbside Recycling Service (KRS) developed to respond to:
 - *National and Tayside Area Waste Plans*
 - *Introduction of Landfill Allowance Scheme*
 - *Impact of Landfill Tax escalator*
 - *National Outcome 14 of the SOA 'We reduce the local and global environmental impact of our consumption and Production'*
- Trial of new KRS to 1,500 households in January of 2006
- Investment in Improvement Funding secured December 2007
- Committee approval for full roll-out of new KRS in January 2008

Overview of New Service



Mixed Recyclates

2-weekly



Garden & Food Waste

2-weekly



Non Recyclable Waste

ALTERNATE WEEK

Roll-out Programme

- New KRS has been rolled out in phases as follows:

Date	Area
April 2008	Tulloch (City of Perth), Auchterarder, Muirton and Aberuthven, Crieff
September 2008	Burghmuir, Errol and St Madoes, All Craigie, Western Edge, Carse of Gowrie
May 2009	Almondbank, Pitcairngreen and Ruthvenfield, Methven, Stanley, Luncarty, Bridgend, Gannochy, Kinnoull Hill, Scone
May 2009	Remainder of Crieff beats, Perth – Crieff rural
August 2009	Kinross-shire (Kinross, Bridge of Earn, Abernethy, Glenfarg, Dunning)
November 2009	Eastern (Blairgowrie, Coupar Angus, Alyth)
February 2010	Highland (Pitlochry, Aberfeldy), Auld Bond - Perth, Bankfoot
May 2010	Rest of Perth (Letham, Muirton, North Muirton, Balhousie)

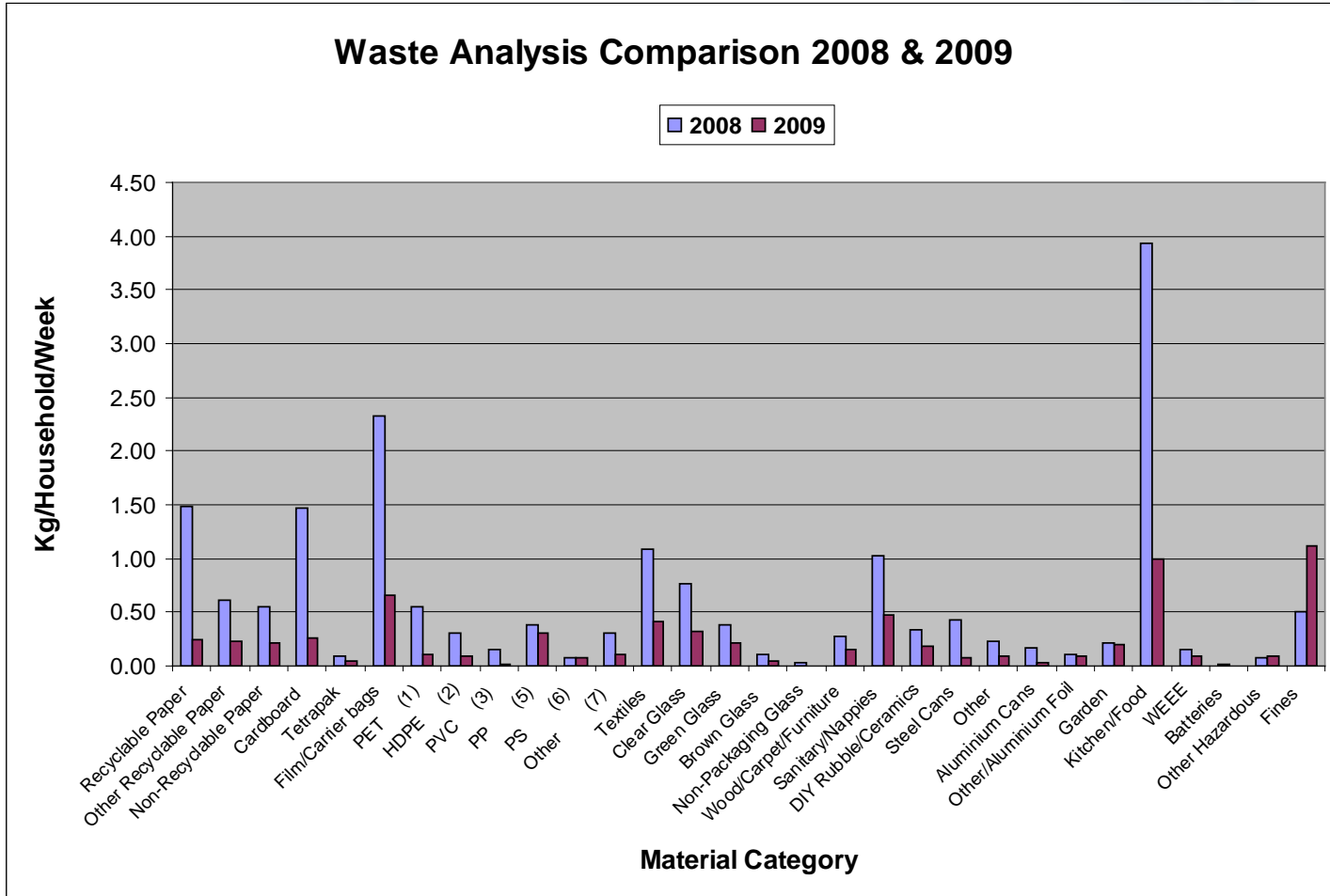
Current status

- Approx 52,000 households now on service
- Participation studies suggests 70-80% participation in new kerbside recycling services
- Kerbside Recycling Service to be rolled-out to further ~12,000 households



Waste Composition

Waste Analysis Comparison 2008 & 2009



Impact of new KRS

	Household Kerbside Recycling (tonnes collected)				
	Paper	Garden	DMR	Garden & Food	Total
2007/08	4,853	10,048	205	419	15,525
2008/09	3,795	9,329	1,698	2,299	17,121
2009/10*	1,245	5,881	4,212	8,185	19,523
2010/11 (estimated)	100	500	8,700	15,000	24,300

* Data only available up to end of Feb 2010

Recycling Rates:

- 2007/08 = 36%
- 2008/09 = 38%
- 2009/10 = 44% (*provisional*)
- 2010/11 = 46% (*projected*)

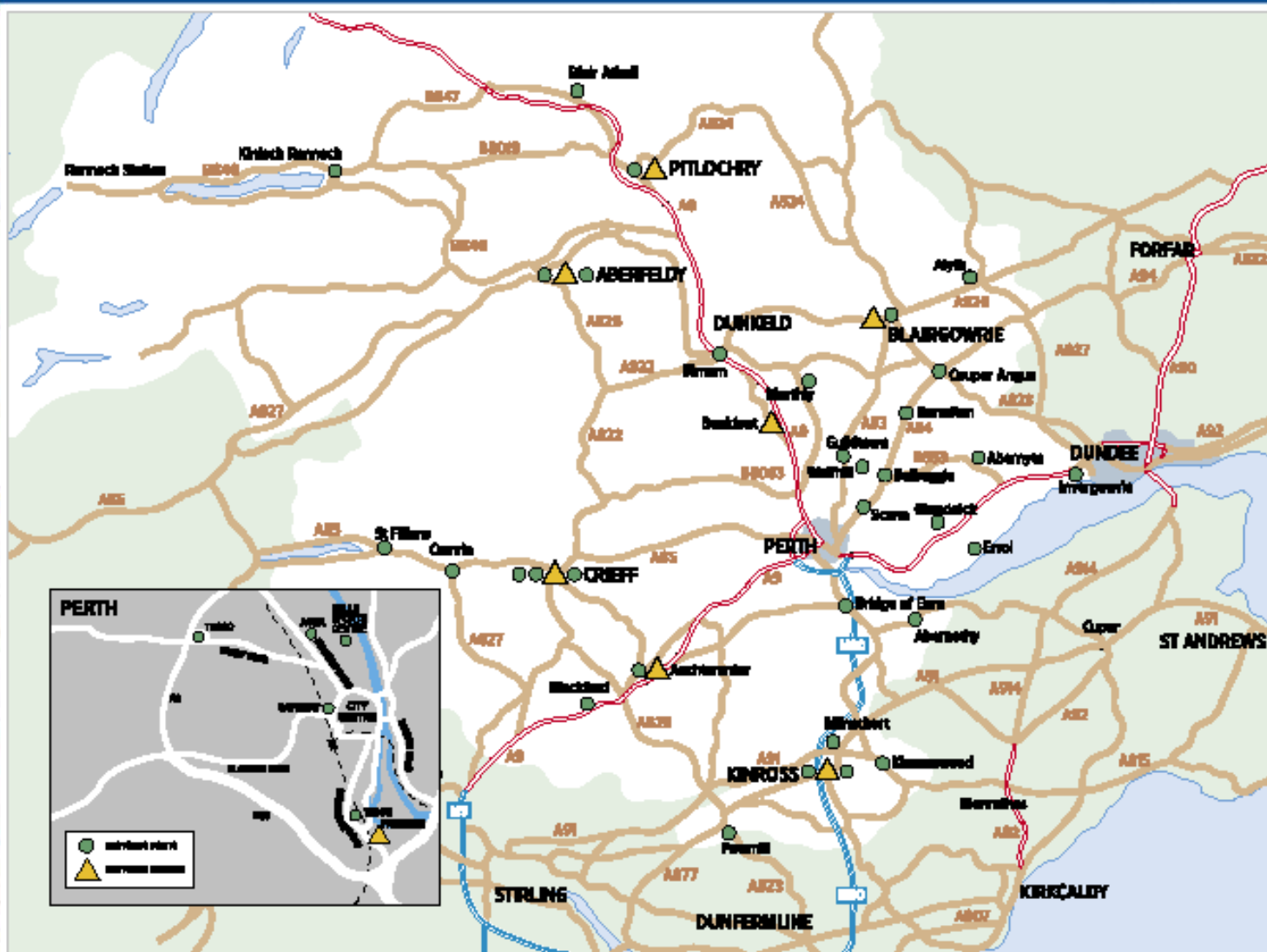
What Next?

- Rural Kerbside Recycling Service to be introduced through use of a split compartment collection vehicle (Estimated to be by March 2011)
- Kerbside Recycling Service will be offered to flats/high rise properties through the multi-occupancy property recycling scheme which is currently being trialled in areas of Perth (Estimated to be by March 2011)
- Continue to monitor the opportunities for expanding the range of materials collected for recycling by the kerbside recycling scheme
- Target future intervention work to increase participation in areas of low/poor performance (based on results of ongoing monitoring of kerbside recycling scheme)

Background



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Improvements

- Redevelopments and upgrades to existing facilities at Auchterarder, Aberfeldy, Bankfoot, Blairgowrie, Friarton, Kinross, Crieff and Pitlochry. The biggest part of the project was the redevelopment of Friarton Depot.
- The Auchterarder, Aberfeldy, Bankfoot, Blairgowrie & Kinross Recycling Centres were developed throughout 2008/2009.
- Pitlochry was opened in March this year.
- The Friarton Redevelopment is due for completion in Summer this year.

Pitlochry Recycling Centre – before



Pitlochry Recycling Centre – After



Kinross Recycling Centre - Before



Kinross Recycling Centre - After



Recycling Facilities Available



Roller Packer – Pitlochry & Kinross



Recycling Increases

	<u>08/09</u> Landfill Diversion	Increase/Decrease from 07/08
<i>Aberfeldy</i>	47%	22%
<i>Auchterarder</i>	54%	13%
<i>Bankfoot</i>	49%	8%
<i>Blairgowrie</i>	78%	32%
<i>Crieff</i>	42%	4%
<i>Kinross</i>	55%	14%
<i>Friarton</i>	82%	6%
<i>Pitlochry</i>	47.76%	-0.73%

Friarton Redevelopment

- The Friarton depot has been the main waste handling facility for Perth and Kinross Council for over 30 years.
- The re-development of the Council's main waste handling depot at Friarton is designed to improve the capacity to handle and store recyclable materials, to expand the site, improve traffic management and develop the recycling centre to accept more recyclable materials.



Friarton – New bulking shed



Friarton – Inside Bulking Shed



Friarton – Lorry Park



Friarton – Attenuation Pond



Feedback

- Recent surveys have been carried out at several Recycling Centres. The results highlighted that:
- 85.7% of people questioned found the opening times at the Recycling Centres were convenient
- 91.8% found the Recycling Centre Operatives helpful.
- When asked if there was any other material they would like to be able to recycle or dispose of at the recycling centres, the most popular answer was batteries.
- Battery disposal at recycling centres is currently being organised and will be available from April 2010.

What Next?

- Battery disposal at recycling centres is currently being organised and will be available from April 2010.
- Develop a new Recycling Centre and Transfer Station at North Forr, Crieff
- Secure suitable land and develop a new Recycling Centre to Service the North Perth area
- Set a target of reusing, recycling and composting 80% of source segregated Recycling Centre waste by 2013

How are we Going to Meet Future Targets?

Other initiatives:

- Network of Charity Shops and Reuse Projects set up
Charity Shop Map
- Reuse container at Friarton Recycling Centre
Located at Friarton Recycling Centre, Perth
Open to public to make donations of furniture and bric a brac
Serviced by Salvation Army
Will begin in May for a trial period

Community Waste Fund

- Award winning Community Waste and Flytipping Grant launched
 - *Community Repaint*
 - *Bankfoot Church Centre*
 - *Plastic Bag Free Kinross*
 - *Salvation Army 40:20 Project*
 - *Starter Packs*
 - *Bike Station*

Community Fly Tipping Fund



Community Fly Tipping Fund

- The fund is open to any community or voluntary organisation (must not be profit distributing) which represents a geographic community in Perth and Kinross.
- Only applications received from a local organisation representing a community subject to flytipping will be considered.
- Funding can be used for the removal of fly tipped waste, the erection of fencing and / or to put up signage to deter flytippers.

Comrie Zero Waste Fortnight



Comrie Zero Waste Fortnight

- The Comrie Development Trust initiative, supported by Perth and Kinross Council, challenged residents to:
 - *reduce the amount of waste that they put in their green lidded general waste bin,*
 - *think carefully about the waste they produced, and*
 - *reuse items where possible as well as recycling more materials more often.*
- During the period:
 - *Recycling increased by almost 1 tonne (15% increase)*
 - *The amount of general waste collected was reduced by over 1 tonne (8% reduction), which is equivalent to the weight of a small car.*

Education and Awareness

- Since April 2009 we have:
 - *Produced an A-Z recycling guide*
 - *Produced a Waste Education Resource Pack*
 - *Delivered 60 talks and presentations*
 - *Organised 26 waste aware events*
 - *Run 45 visits to the WEBWalk*

WEBWalk



WEBWalk



In Summary

Waste is one of the biggest environmental and economic issues facing every council

We are tackling it head on by providing the infrastructure required

A comprehensive Education and Awareness programme ensures community engagement



Thank you and Questions

- Thank you for your time
- Any questions?
- Contact
 - *Bruce Reekie, Waste Services Manager*
 - *Tel: 01738 476448*
 - *E-mail: breekie@pkc.gov.uk*
 - *Web: www.pkc.gov.uk/recycling*