

Warwickshire Waste Partnership - 2010

Summary of the September Warwickshire Waste Seminar and the way forward to 60% recycling

Report of the Strategic Director for Environment and Economy on behalf of the Officers Group

Summary

This report summarises the outcomes of the September Warwickshire Waste Seminar on the future for Warwickshire's Waste, as well as, the input that was received at the Waste Partnership Conference in November. The report goes on to outline how the information gained will help achieve the goal of 60% recycling by 2015, and what further work will be needed to reach this target

Recommendation

That Members of the Partnership:-

1. Note the information in the report and agree to include it in the 2010/11 business plan
2. Endorse the 60% recycling rate by 2015
3. Endorse the creation of a Waste Minimisation targets set in kg per head

1. Introduction

- 1.1 At the Warwickshire Waste Partnership meeting in September 2010, Members asked for a report containing a summary of the outcomes of the Warwickshire Waste Seminar, as well as, the input that was received at the Waste Conference in November.
- 1.2 On Monday 6th September the Warwickshire Waste Partnership hosted an Seminar at the Eliot Park Innovation Centre in Nuneaton. The event was titled "The Way Ahead" and aimed to start the process of reviewing the Partnerships Strategic goals and planning for the future.
- 1.3 Each Partner was encouraged to invited relevant members and officers to participate in the Seminar. A full list of invitees and attendees can be seen in **Appendix A**.

- 1.4 Two presentations were given in the morning to outline the current position of waste in Warwickshire, as well as to encourage the Partnership about where we could go in the future:-
- (i) Waste in Warwickshire - Martin Stott, Head of Environment and Resources, Warwickshire County Council. See **Appendix B**.
 - (ii) Keynote Speaker – Reaching 70% Recycling, Sally Wilson, South Oxfordshire District Council. See **Appendix C**.

The agenda for the day can be seen in seen **Appendix D**, and information about the performance of individual authorities can be seen in **Appendix E**.

- 1.5 The rest of the day was taken up with three discussion sessions, were attendees where split into groups. The topics were:-
- (i) Session 1 - Opportunities for waste across Warwickshire.
 - (ii) Session 2 - Threats and barriers to achieving our goals.
 - (iii) Session 3 - What solutions can we as a Partnership consider to overcome these barriers and threats?

The third session also included the question of what target should we be aiming for?

2. Feedback from Discussion Sessions

Targets

- 2.1 All the groups believed that a challenging target should be set in relation to recycling, and following discussion it was agreed that the level to be proposed to the Partnership should be **60% recycling by 2015/6**.
- 2.2 Some groups also so strongly believed that there should be a secondary target to reduce kg per head by 5% by 2015/6.

Barriers Threats and Solutions

- 2.3 The table below summaries the barriers and threats from all the groups, as well as potential solutions that could overcome these barriers and threats. Not all the points where raised or agreed by all groups, however, they have all been recorded here for completeness.

Barriers & Threats	Solutions
Politics	<ul style="list-style-type: none"> • Political networking across Warwickshire (& possibly wider) - This will allow key politicians and decision makers to meet and openly discuss what savings can be made through changes to services i.e. Alternate Week Collections, Food Waste Collections etc • Timing – planning of new schemes relative to elections • Planning of work programmes • Chief Executive support • WWP with targeted executive powers or quicker access to decisions at each authority • Education of members – not just Portfolio Holders, access to O&S groups etc as well • Sub-regional partnership • Joint waste committee or improved and more focused partnership working
Finance	<ul style="list-style-type: none"> • Targeting resources • Being more resourceful • Using sound business case • Bench marketing • Shared services/ joint procurement • Composting credits? • Cost benefit analysis for investment
The law of diminishing returns	<ul style="list-style-type: none"> • Improving HWRC performance • Street sweepings recycling • Improved performance of lowest performers first • Peer support • Creativity and Innovation • Keeping abreast on new developments and schemes across the country
Established collection systems	<ul style="list-style-type: none"> • Policies (and enforcement of) • Benchmarking performance • Capturing higher percentages of recyclables
Public attitude/ perception/ behaviour	<ul style="list-style-type: none"> • Keep campaigns going/ keep public interested • Consistent messages • Education and information • Use of new media • Targeting campaigns
All waste allowed in residual bins	<ul style="list-style-type: none"> • Policy change – no recyclable in residual waste • Education • Enforcement • Consistency across all Boroughs/ Districts

2.4 The key issues which were raised and discussed focused around the issues of political will and financial cost. Most of the solutions involved greater partnership working, and consistency of approach across the county.

Opportunities

2.5 The table below summaries the opportunities which were raised by the groups

Opportunities	
Warwickshire Waste Partnership	<p>All groups talked of a more effective Waste Partnership with:</p> <ul style="list-style-type: none"> • More decision making powers, or quicker access to decisions • Creating a Partnership which driver for change (such as in Oxfordshire) • A partnership which controlled (or has more say in) the capital infrastructure budget for Waste in the County • Emphasis on joint procurement to make savings • Joining up with other sub-regional partnership
Consistency	<p>All groups noted the confusion of the public over different policies and methods of collection:</p> <ul style="list-style-type: none"> • Move to similar policies e.g. no side waste, closed lids, no recycling in residual waste bins • Move towards a standard collection system for all Districts/ Boroughs – less confusion for residents • Uniform bulky waste collection – items accepted and price • Potential for joint contracts • Limit residual bin capacity e.g. only issuing smaller bins • Recycle on the go bins in public areas, parks etc. • Investigate the options of charging for garden waste collections or 2nd Garden waste bins • People don't understand the costs of waste • Bin chipping • Promote wide range of recyclables i.e. Biscuit tins, aerosols? • Plastic recycling – messages are mixed from previous systems in some areas i.e. food containers can be recycled (not WDC area) • Bulk bins in flats
Collections	<p>All groups discussed moving to more consistent collection systems:</p> <ul style="list-style-type: none"> • Possible joint contracts • Cross boarder working – (possible Waste Data Flow issues to overcome) • Recycle road sweepings • Route optimisation • Food waste collections • NWBC and NBBC working towards possible AWCs in future if members support • Peer support through greater partnership working • Share promotional items/ information and cross boarder promotions • Kerbside textile recycling – supporting local charities • Does co-mingled = more recycling? • Does source segregated = less waste overall? • Try to align future contract end dates/ methods

	<ul style="list-style-type: none"> • Find a use for what is left – additional materials can be collected/ used • Similar collection systems – collection frequency, 4 day week, whole day task and finish not round • Greater recycle and reuse of bulky collection materials
HWRCs	<p>Consensus on a no black bag/ open bag policy at all HWRCs. Other suggestions included:</p> <ul style="list-style-type: none"> • Reduce trade waste illegally disposed at HWRCs • More consistent service i.e. items recycled across all HWRCs • Improve take back scheme for WEEE by liaising with business and better promotion • Zero waste to landfill– more separation, more materials recycled or reused
Promoting waste reduction	<p>It was felt by all groups that reducing overall waste is crucial and opportunities/ideas included:</p> <ul style="list-style-type: none"> • Greater adverts for home composters • Promote nappy recycling as well as use of re-usable nappies • Zero Waste gifts • Community swap shops • Love Food Hate Waste • Reuse through Community Action Groups • Not using the term “waste”? • Aim for zero waste • Zero waste is not just zero waste to landfill
Promoting recycling	<p>A range of ideas for increasing recycling and participation were discussed including:</p> <ul style="list-style-type: none"> • Cross boarder promotions • Work with schools in low performing areas • Focus on increasing participation • Cost benefit analysis for investment • Invest in dedicated recycling officers or reassuring this as a priority, door knocking, roadshows etc. – JUSTIFY by savings • Access funding from WRAP or partnership • Careful targeting - cost benefit • Keep campaigns going/ keep public interested • Consistent messages • Community targets and rewards? • Different areas/ communities – target • Use different media e.g. facebook, twitter • Incentive schemes <ul style="list-style-type: none"> ○ Expensive to operate ○ Novelty value ○ Ethics • WRAP study on savings • Address language barriers – target temples and mosques

3. Warwickshire Waste Conference

3.1 Following on from the success of the seminar in September it was decided to open up the discussions on the “The Way Ahead” for Warwickshire waste to a wider audience. It was believed that gaining views of those in the third sector, in

industry and those keen in environmental issues would be very valuable. On Thursday 11 November 2010 the afternoon sessions of the Warwickshire Waste Partnership Conferences was dedicated to gaining these views.

3.2 Two discussion sessions took place, were attendees were split into three groups. The topics were

- (i) Session 1 – Opportunities, threats and barriers to achieving our goal of 60% recycling by 2015.
- (ii) Session 2 – How do we reach 60% by 2015.
- (iii) Session 1 - Opportunities, threats and barriers for to achieving our goal of 60% recycling by 2015.

3.3 The table below summaries the opportunities, barriers, and threats from all the groups.

Opportunities	Threats and Barriers
Education – target areas, roadshows, schools, door knocking, master recyclers	Reducing waste will affect our recycling targets!
Reduce bin capacity to force people to recycle/ reduce	Low participation/people not recycling/ public's attitude
Alternate week collections	Established free green waste collection schemes
Rewards – incentives, thank you cards, textile recycling with contribution to charity	Is source separated or co-mingled better?
Business recycling	Practices of their employers
Re-use schemes promotion e.g. freegle	Fluctuations in market
Collecting and capture more materials	Proximity principal, people expect to recycle at kerbside
Flat recycling	
Recycle on the Go -Town centre recycling bins	

Session 2 - How do we reach 60% by 2015

3.4 The groups came up with many good ideas about how the reach 60% recycling, as well as essentials principles to have in place to support them.

- (i) Bold Leadership
- (ii) Greater creativity and innovation
- (iii) Councils with lower recycling levels to increase otherwise others have to increase their rates even higher and harder to reach

- (iv) Fortnightly collections of residual waste and less residual capacity
- (v) Flat recycling across the County
- (vi) Reaching the harder to reach (H2R) – rural communities, flats, dense housing
- (vii) Collect additional materials – kerbside, bring sites and HWRCs e.g. mixed plastics, tetra paks, WEEE, tyres, mattresses, paint etc.
- (viii) Incentives and sticks
- (ix) Composting leaves – 3%
- (x) Education – the public, schools, members, officers
- (xi) More resources/people to educate people
- (xii) Promote re-use schemes and waste min
- (xiii) Work together – economies of scale, more standardised service, share good practice, learn from each other.

4. Conclusions and the Next Steps

- 4.1 Both the discussion sessions at the Seminar and the Conference highlighted many areas for improvement or continued work. A great deal of this was focused on education and communication, greater partnership working and planning or both.
- 4.2 All the issues raised at both events can be considered and where appropriate feed in to the Warwickshire Waste Partnership yearly Business Plan, or the related work streams. All partners would need to help produce, agree and implement the plan. This business plan will form the basis of the work of the Partnership, enabling it to focus on its goals and achievements. The business plan would need to be approved before April, and cover a 12 month period, with work streams being carried out by core working groups or task and finish groups where necessary. More details can be seen in the WWP report “Joint Waste Committee” dated 7 December 2010.

Enquiries: about this report should be made to Kitran Eastman, Waste Partnership and Strategy Manager on 01926 418064, e-mail kitraneastman@warwickshire.gov.uk.

Background Papers

Warwickshire Waste Partnership Report “Joint Waste Committee” dated 7 December 2010.

Draft 2010/11 Warwickshire Waste Partnership Business Plan

PAUL GALLAND
 Strategic Director for Environment and Economy
 Shire Hall
 Warwick

16 November 2010

Warwickshire Waste Partnership Seminar 6th September 2010

Invitee List

Richard Dobbs	North Warwickshire Borough Council
Bernard Woodhall	North Warwickshire Borough Council
Cllr Tim Wykes	North Warwickshire Borough Council
Cllr Carolyn Fox	North Warwickshire Borough Council
Cllr Hayden Phillips	North Warwickshire Borough Council
Cllr Tilly May	North Warwickshire Borough Council
Cllr Ann Lewis	North Warwickshire Borough Council
Brent Davis	Nuneaton and Bedworth Borough Council
Sarah Elliott	Nuneaton and Bedworth Borough Council
Cllr Dennis Harvey	Nuneaton and Bedworth Borough Council
Cllr Gill Sheppard	Nuneaton and Bedworth Borough Council
Sean Lawson	Rugby Borough Council
Andy Smith	Rugby Borough Council
Gill Russell	Rugby Borough Council
Cllr Dr Mark Williams	Rugby Borough Council
Cllr Carolyn Robbins	Rugby Borough Council
Cllr David Wise	Stratford-on-Avon District Council
Robert Weeks	Stratford-on-Avon District Council
Olly Scholefield	Stratford-on-Avon District Council
Chris Dobson	Stratford-on-Avon District Council
Robert Hoof	Warwick District Council
Cllr David Shilton	Warwick District Council
Cllr Bob Crowther	Warwick District Council
Glenn Fleet	Warwickshire County Council
Martin Stott	Warwickshire County Council
Cllr Alan Cockburn	Warwickshire County Council
Cllr John Whitehouse	Warwickshire County Council
Cllr Penny Bould	Warwickshire County Council
Ruth Dixon	Warwickshire County Council
David Whitehouse	Warwickshire County Council
Caroline Faulkner	Warwickshire County Council
Jake Hackett	Warwickshire County Council
Kitran Eastman	Warwickshire County Council
Nick Gower-Johnson	Warwickshire County Council
Sally Wilson	South Oxfordshire District Council
Melanie Penfold	Verdant
Mike Mackay	South Oxfordshire District Council
Laura Vesty	Warwickshire County Council

Warwickshire Waste Partnership Seminar 6th September 2010

Attendance List

Bernard Woodhall
Brent Davis
Sarah Elliott
Cllr Dennis Harvey
Cllr Gill Sheppard
Sean Lawson
Andy Smith
Gill Russell
Cllr Dr Mark Williams
Cllr Carolyn Robbins
Olly Scholefield
Chris Dobson
Robert Hoof
Cllr David Shilton
Cllr Bob Crowther
Glenn Fleet
Martin Stott
Ruth Dixon
David Whitehouse
Caroline Faulkner
Jake Hackett
Kitran Eastman
Chris Moreton
Laura Vesty
Sally Wilson
Melanie Penfold
Mike Mackay

North Warwickshire Borough Council
Nuneaton and Bedworth Borough Council
Nuneaton and Bedworth Borough Council
Nuneaton and Bedworth Borough Council
Nuneaton and Bedworth Borough Council
Rugby Borough Council
Rugby Borough Council
Rugby Borough Council
Rugby Borough Council
Rugby Borough Council
Stratford-on-Avon District Council
Stratford-on-Avon District Council
Warwick District Council
Warwick District Council
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Warwickshire County Council
Warwickshire County Council
Warwickshire County Council
South Oxfordshire District Council
Verdant
South Oxfordshire District Council



Warwickshire's Waste: Past, Present and Future

Martin Stott,

Head of Environment and Resources

Warwickshire County Council

6th September 2010

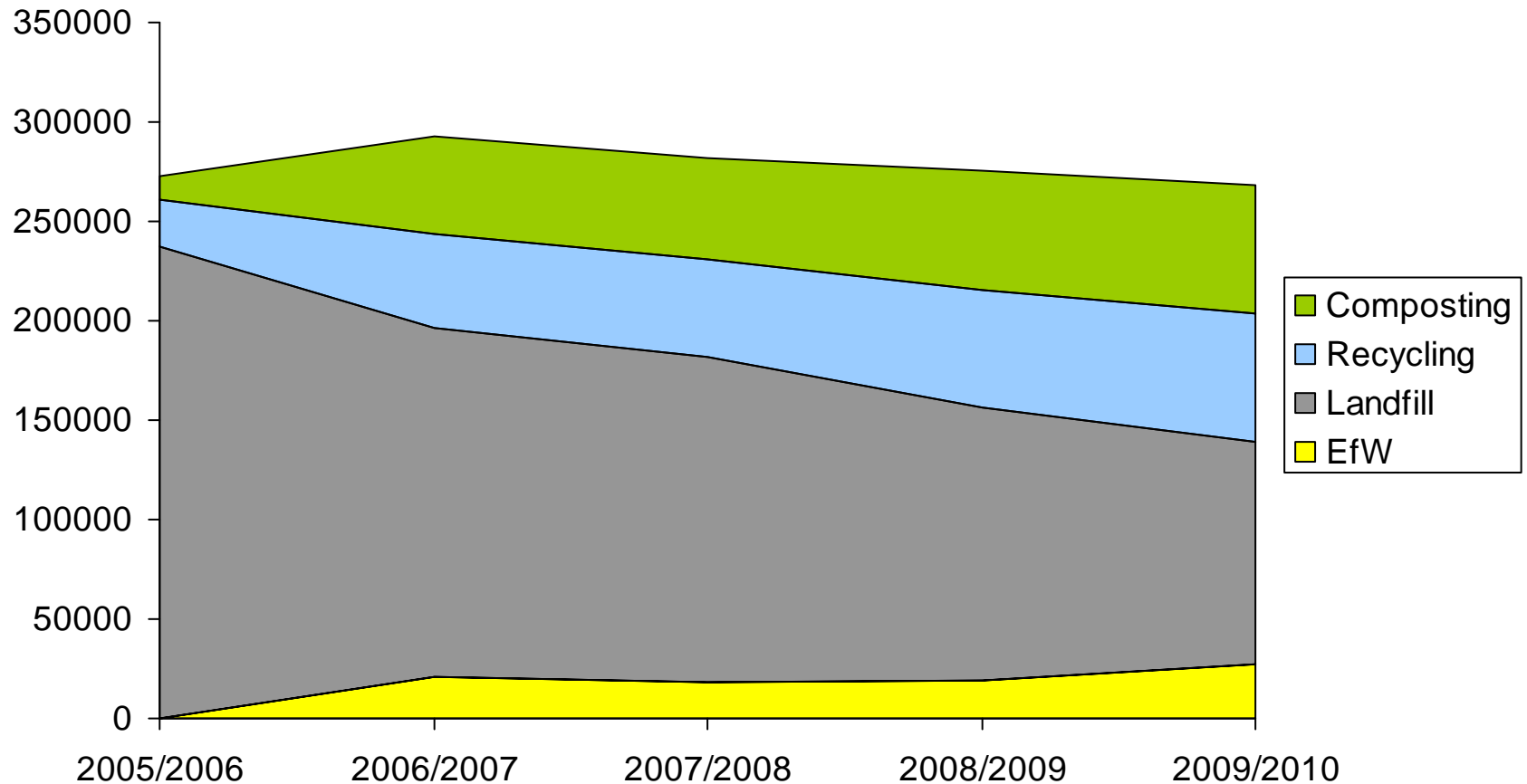
Past

Present

Future

- ↻ Warwickshire had early success
 - 2003/2004 Warwickshire achieved a recycling rate of 21.5%
 - Combined recycling and composting rate of 27.6%.
- ↻ Joint Municipal Waste Management Strategy adopted in 2005
 - To provide a framework for next 15 years
 - Sets target of a county-wide recycling rate of 40-45% in 2009/2010
- ↻ How we got to where we are today.....?

Waste in Warwickshire since 2005



Past

Present

Future

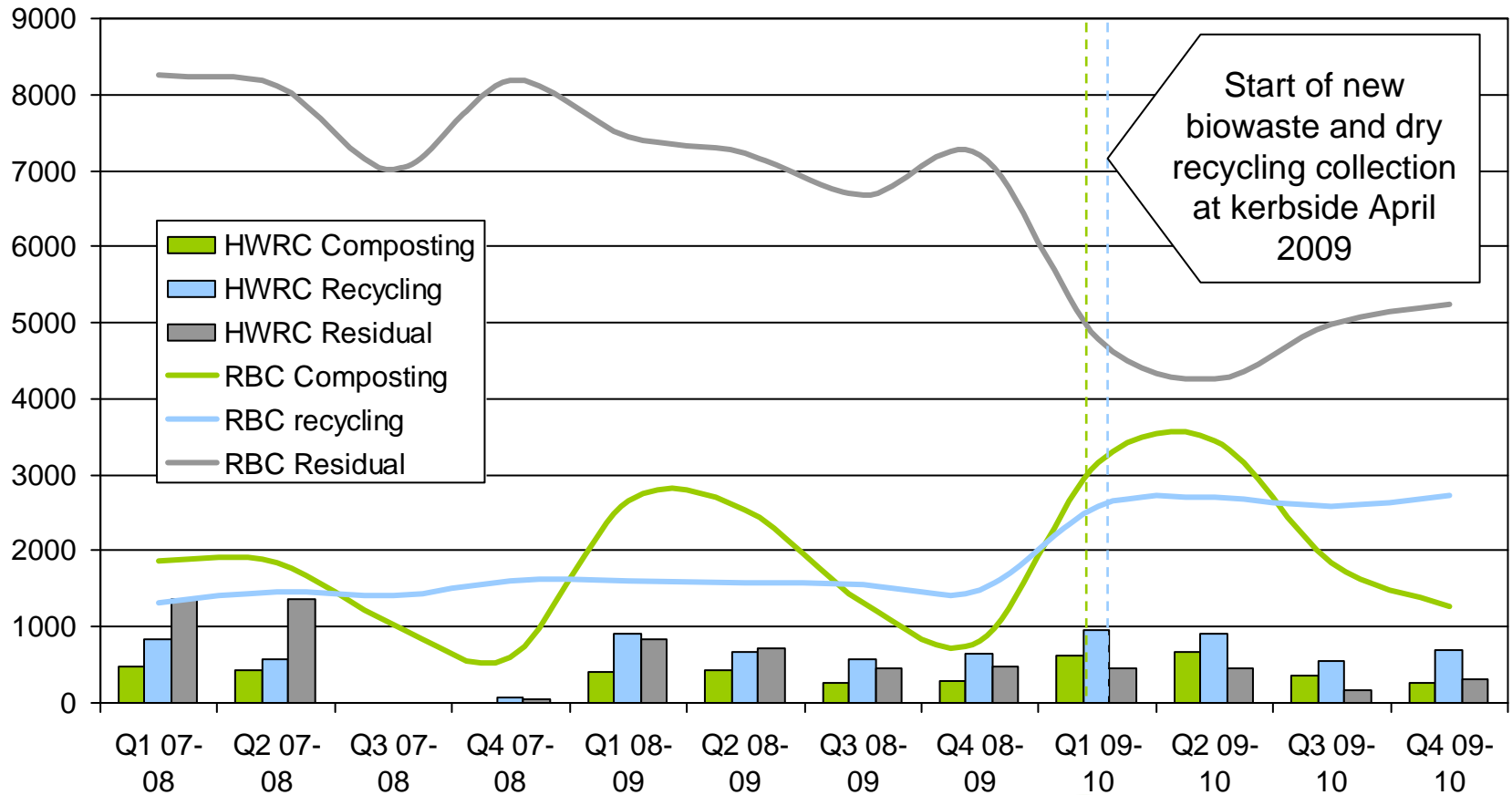
- ↻ Recycling and composting = 48%
- ↻ Waste reduction = 2.31%
- ↻ Lowest kg per head = Warwick District
- ↻ Highest kg per head = North Warwickshire
- ↻ Highest recycling and composting rate = Stratford-upon-Avon District
- ↻ Total recycling, composting and reuse increased to 101,247 tonnes

Past

Present

Future

Rugby Area Waste Performance since April 2007

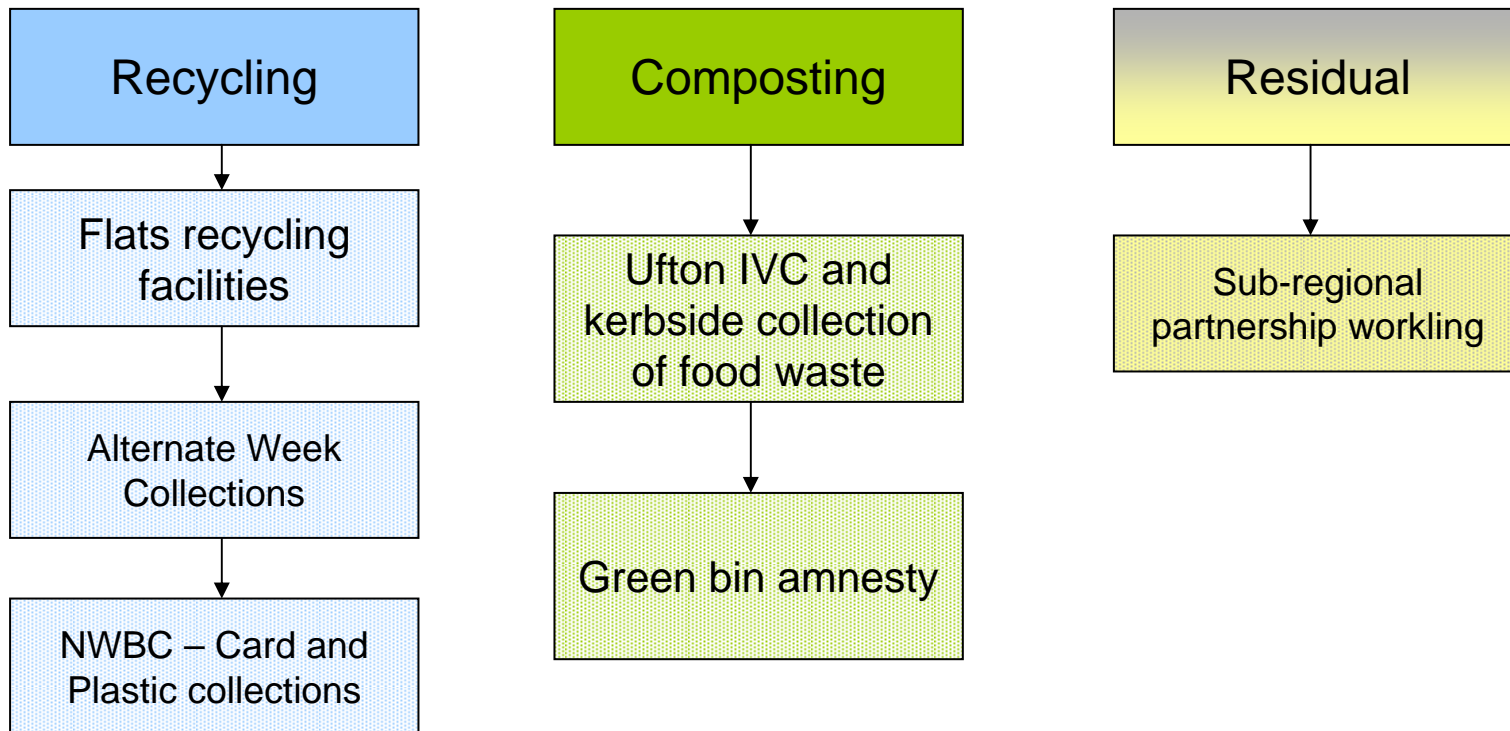


Past

Present

Future

Recent improvements



Past

Present

Future

17% households composting
Saving over 3,950 tonnes of waste each year



9.8% increase in committed food waste reducers
Saving 2.7 full loads of refuse collection vehicles per week



Past

Present

Future

Waste Strategy Checklist

Reduce the amount of waste produced



Exceed statutory recycling target of 30%



Achieve aspirational recycling target of 40-45% by 2009/2010



Limit waste going to landfill – making use of existing facilities



Residual waste treated using a thermal treatment system



Past

Present

Future

↻ So what will the future hold?

Buy less, throw
less away

Reduction in
packaging

Use of new
media

Climate Change
Dimension

Pay by weight

More re-use

Zero Waste

Resources not
waste

Recycling
incentives for
the public

Community
engagement

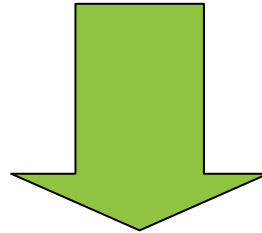
♻️ **recycle** for Warwickshire

Past

Present

Future

So why are we here today?



↻ Where are we going in the next 5 to 10 years?

↻ What are the

- Opportunities?
- Threats and barriers?
- Solutions?

60%

70%

65%

80%

Thank you

Martin Stott

Warwickshire County Council

Warwickshire Waste Partnership Seminar

Reaching 70%



The issues

- 300,000 t of waste produced in Oxfordshire (2007/08)
- 62% of household waste sent to landfill
- limited landfill space
- need to reduce landfill in Oxfordshire by **50% by 2012/13**
- present rates of landfill would incur £3 million fine across Oxfordshire in 2009/10



The tender process

- industry experts put forward their suggestions for meeting council targets
- 13 companies in initial stage
- 3 companies taken through to competitive dialogue



The new contractor



- Verdant awarded contract January 2009
- joint contract South Oxfordshire and the Vale of White Horse
- new service started in South Oxfordshire 8 June 2009, Vale on 4 October 2010



The new contractor contd.

- part of the Greenstar (Biffa) group
- operate waste contracts for 24 Local Authorities
- employs over 1,500 staff who make over 1 million collections each week



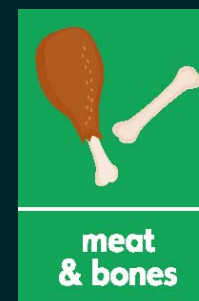
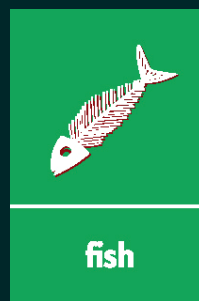
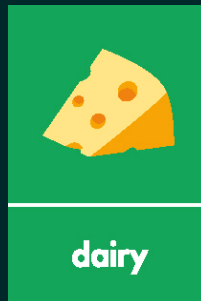
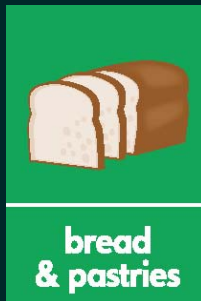
The new service

- weekly collection of food waste
23 litre food waste bin (7 litre kitchen caddy)
- fortnightly recycling collection
240 litre wheeled bin
- fortnightly refuse collection
180 litre wheeled bin
- opt in charged for garden waste service
240 litre wheeled bin



Food waste recycling (weekly)

- meat and fish cooked and uncooked (including bones)
- all dairy products - cheese and yoghurts
- raw and cooked vegetables and fruit
- bread, cakes and pastries
- rice, pasta and beans
- tea bags and coffee grounds
- plate scrapings



Mixed recycling (fortnightly)

- all glass bottles and jars
- any paper and cardboard
- steel and aluminium food and drink cans
- aerosols
- foil



New additions

- all household plastic packaging
- cardboard and Yellow Pages
- food and drink cartons (Tetra Pak)

Materials should be washed and squashed and placed loose in the bin



Mixed recycling contd....

Not accepted

- clothing, textiles and shoes
- batteries and mobile phones
- books, CDs and DVDs

Local collection points are provided



Non-recyclables (fortnightly)

- anything that cannot be recycled or composted
- nappies
- sanitary products
- polystyrene
- crisp packets
- cling film



Concerns and solutions

- sack system provided for houses not suitable for wheeled bins
- assisted collections for elderly
- communal collections from flats
- same size bins provided for all households (larger recycling bins available – six or more in household)



Duo vehicle collection

- one collection vehicle for all waste
- food waste weekly in pod at front
- alternate week for recycling and rubbish in back compartment



What happens to the recycling?

- mixed recycling transported to Greenstar Materials Recycling Facility (MRF) in West Midlands (advanced sorting technology)
- wherever possible materials will be processed in the UK
- food and garden waste treated to produce compost at a local facility (Agrivert plants – Ardley, Crowmarsh, Cassington)



Materials Recovery Facility (Aldridge MRF)



Service impact

44% to 70%!

- 5,963 tonnes of food waste
- 18,500 tonnes of dry recycling (> from 14,998)
- 13,604 tonnes residual waste (< from 27,964)
- 7,440 tonnes of garden waste (> from 6,755)



Council savings

- joint contract will save taxpayers over £100,000 per year
- extra recycling credits will save over £300,000 per year
- these savings will help protect other council services and keep council tax down



Microchips in the bins

- track lost or stolen bins
- answer residents queries in 'real time'
- help plan more efficient routes
- improve efficiency of crews
- reduce missed collections
- enable targeted education campaigns in low performing areas
- collect fast, accurate tonnage data for reports



Bin delivery

- Verdant for South, TJK for Vale
- deliver 2,500 bins per day (1,250 properties)
- bins left at the front of property
- council staff available during roll-out to address questions from residents



Communication plan

Pre-service communication

- FAQs – website and admin staff
- Parish meetings and stakeholder events
- **Introductory leaflet** – 2 weeks before bins arrive
- residents signed up to 'no junk mail' won't receive – contact council
- posters – town and parish councils, housing associations, libraries and leisure centres
- adverts in local press
- press launch and media briefing
- council media – Vale Views, WIS, website
- **Instructional pack** – delivered inside food waste bin including calendar and container stickers



Communication plan contd.

Service launch

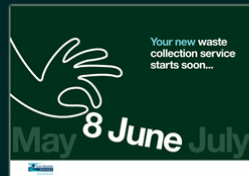
- reminder leaflet - 2/3 weeks before service starts

Road shows, talks and events

- May, June, July, August & Sept– main towns and villages
- local events/village fetes
- school events
- enforce messages through national campaigns (National Recycle Week & Love Food Hate Waste)



Communication examples



Any questions?

Sally Wilson
Shared Waste Services Manager
South and Vale

Melanie Penfold
Senior Waste Recycling Officer
Verdant



Welcome to the
**Warwickshire Waste Partnership
Waste Seminar**

Monday 6th September, 2010

The Way Ahead



Warwickshire Waste Partnership Seminar 2010 – The Way Ahead

Eliot Park Innovation Centre, Nuneaton

Monday 6th September 2010

- | | |
|---------------|--|
| 9.30 – 10.00 | <i>Registration and refreshments</i> |
| 10.00 – 10.05 | Welcome – Councillor Alan Cockburn, Chairman of the Warwickshire Waste Partnership |
| 10.05 – 10.30 | Waste in Warwickshire - Martin Stott, Head of Environment and Resources, Warwickshire County Council |
| 10.35 – 11.20 | Keynote Speaker – ‘Reaching 70% Recycling’, Sally Wilson, South Oxfordshire District Council |
| 11.20 – 11.35 | <i>Break</i> |



Warwickshire Waste Partnership Seminar 2010 – The Way Ahead

Eliot Park Innovation Centre, Nuneaton

Monday 6th September 2010

- | | |
|---------------|--|
| 11.35 – 12.45 | First session and feedback
<i>Opportunities for waste across Warwickshire</i> |
| 12.45 – 1.45 | <i>Lunch</i> |
| 1.45 – 2.55 | Second session and feedback
<i>Threats and barriers to achieving our goals</i> |
| 2.55 – 3.30 | Third session and feedback
<i>What solutions can we as a Partnership consider to overcome these barriers and threats?</i> |
| 3.30 – 4.00 | What next? |





Stratford District - 2009/10

- Population – **117,800**
- Area in Hectares - **97,800**
- Population Density - **1.20 people per hectares (310 people per square mile)**
- Number of Households - **50,000 (2.3 people per household)**



Alternate Week Collection



58% recycling and composting rate

27% Recycling

31% Composting

445 kg of waste per head

182 kg Residual Waste

121 kg Recycling

140 kg Composting

 **recycle** for Warwickshire

Rugby Borough - 2009/10



- Population – **91,000**
- Area in Hectares - **35,100**
- Population Density – **2.59 people per hectares (670 people per square mile)**
- Number of Households - **38,000 (2.4 people per household)**



Alternate Week Collection



51% recycling and composting rate

26.6% Recycling

24.4% Composting

438 kg of waste per head

215 kg Residual Waste

116 kg Recycling

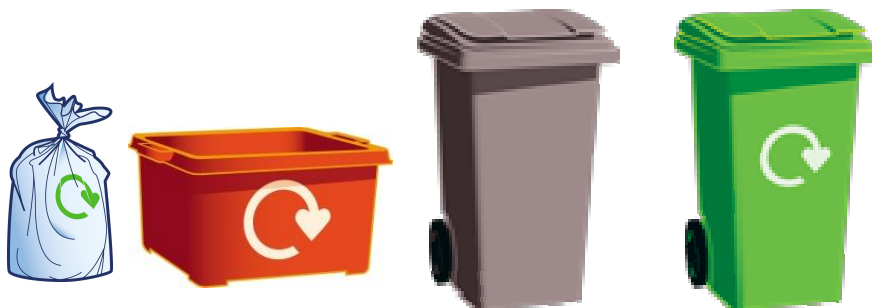
107 kg Composting

recycle for Warwickshire

Warwick District - 2009/10



- Population – **134,600**
- Area in Hectares - **28,300**
- Population Density – **4.76 people per hectares (1,233 people per square mile)**
- Number of Households - **58,000 (2.3 people per household)**



Alternate Week Collection



49% recycling and composting rate

22% Recycling

27% Composting

368 kg of waste per head

186 kg Residual Waste

82 kg Recycling

100 kg Composting

 **recycle** for Warwickshire

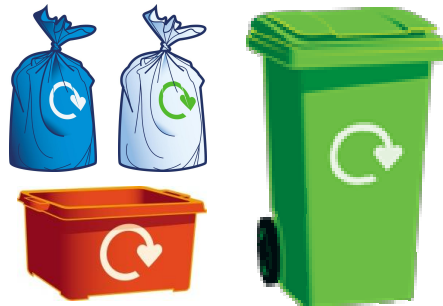
North Warwickshire - 2009/10



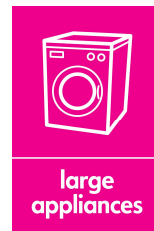
- Population – **62,200**
- Area in Hectares - **28,400**
- Population Density – **2.19 people per hectares (608 people per square mile)**
- Number of Households - **26,000 (2.3 people per household)**



Weekly Collection



Alternate Week Collection



27% recycling and composting rate

10% Recycling

17% Composting

483 kg of waste per head

353 kg Residual Waste

48 kg Recycling

82 kg Composting

 **recycle** for Warwickshire

Nuneaton and Bedworth - 2009/10

- Population – **121,200**
- Area in Hectares - **7,900**
- Population Density – **15.34 people per hectares (4,261 people per square mile)**
- Number of Households - **50,000 (2.4 people per household)**



Weekly Collection

Alternate Week Collection

34% recycling and composting rate

17% Recycling

17% Composting

425 kg of waste per head

280 kg Residual Waste

73 kg Recycling

72 kg Composting



HWRCs – 2009/10



60% recycling and composting rate

35% Recycling

25% Composting

9 Sites Across the County

62 % highest Recycling Rate

36 % Lowest Recycling Rate

91kg of waste per head

37kg Residual Waste

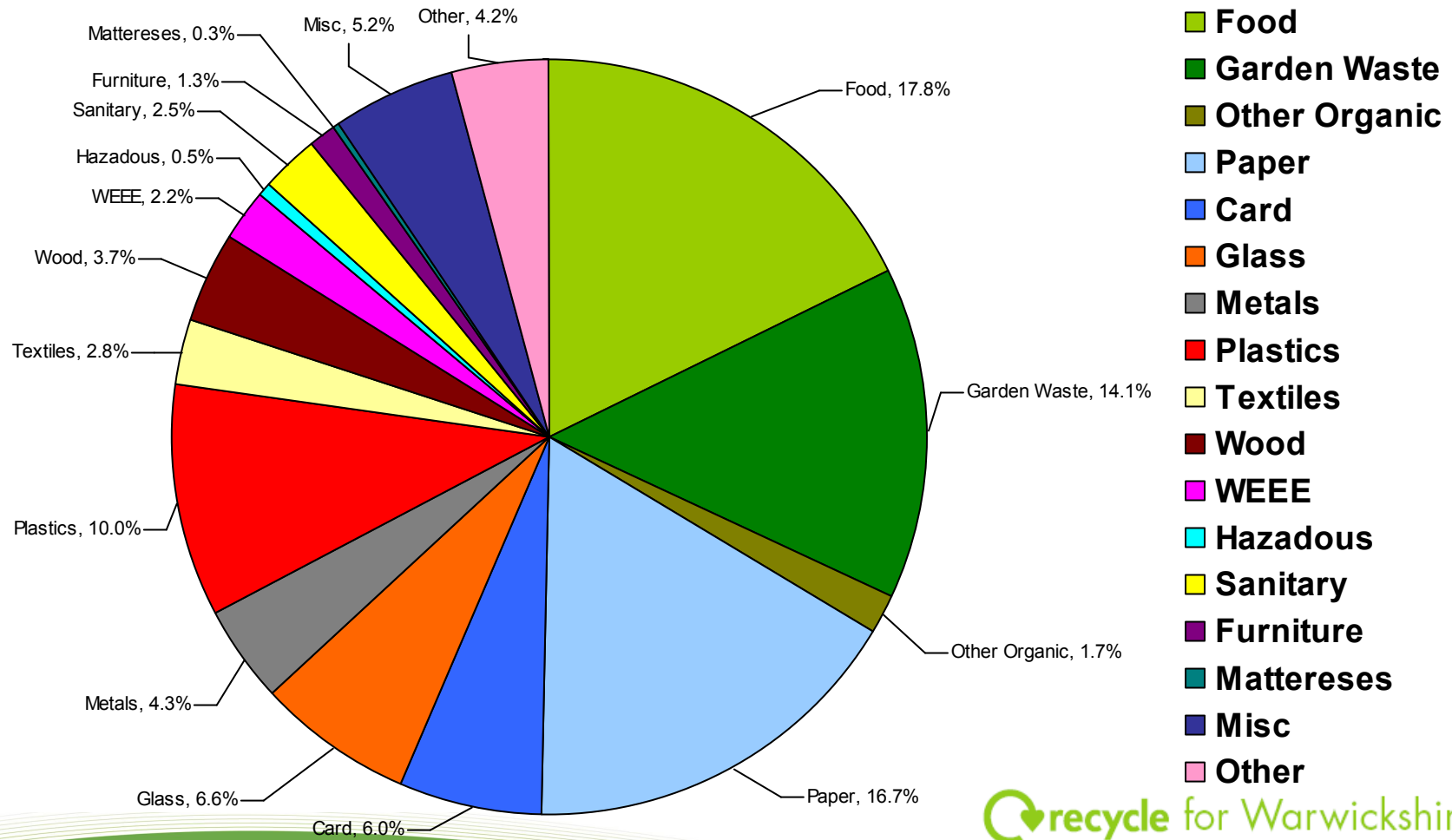
32kg Recycling

22kg Composting



 **recycle** for Warwickshire

What waste do we have?



What waste are we capturing?

62% of Food and Garden Waste Composted

High garden waste capture at NBBC. High food and garden waste capture rate in SDC

48% of Metals Recycled

Highest captures rates for SDC

49% of Paper and Card Recycled

Highest captures rates for SDC

68% of Glass Recycled

Very high captures rates for WDC and SDC

46% of Wood Recycled or Composted

Mainly through the HWRCs

11% of Plastics Recycled

Highest captures rates for SDC and NBBC

40% of E-Waste Recycled

Mainly through the HWRCs

12% of Textiles Reused or Recycled

Highest capture rates for HWRCs, WDC and NBBC