

Hertfordshire Waste Partnership

“Where does our waste go ?”

Bishop's Stortford Climate Group
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Herts Background

- HWP includes all 11 waste authorities
- Collection and disposal services – £89.45m
- 2020/21 – recycled and composted 52.4%
- 2020/21 – diverted 84.4% from landfill
- Herts Waste Partnership Agreement signed in January 2012
- Resources & Waste Strategy (RWS) published 18th December 2018
- 2020/21 – 2 of the top 3 English LAs for recycling were from Hertfordshire



The HWP in numbers...

Total Household Waste - Per Household
2010/11 - 2021/22



Residual Waste - Per Household
2010/11 - 2021/22



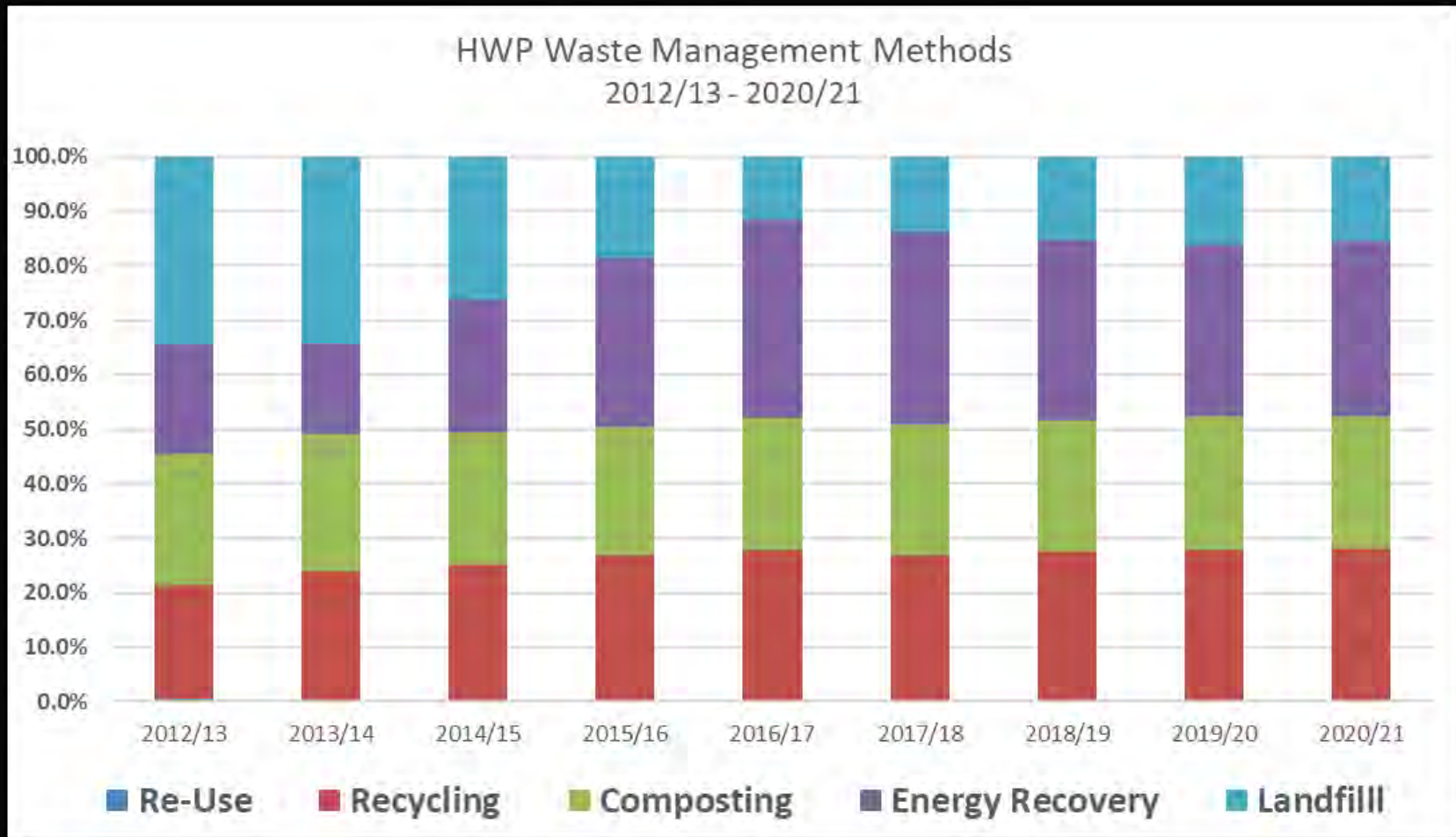
Dry Recyclables & Organics - Per Household
2010/11 - 2021/22



HWP Recycling Rate
2006/07 to 2020/21



The HWP in numbers...



Performance 2020/21

Top and Bottom Halves & Changes

Authority	2020/21 out turn	2019/20 out turn	change on previous year	Average Increase
St Albans	64.2%	63.0%	1.2%	0.2%
Three Rivers	63.1%	64.1%	-1.0%	
North Herts	55.9%	57.5%	-1.6%	
Dacorum	54.5%	52.8%	1.7%	
East Herts	51.5%	50.7%	0.8%	
Watford	50.0%	45.3%	4.7%	1.5%
Welwyn Hatfield	47.6%	46.6%	1.0%	
Hertsmere	44.4%	44.4%	0.0%	
Broxbourne	42.4%	41.5%	0.9%	
Stevenage	40.2%	39.5%	0.7%	

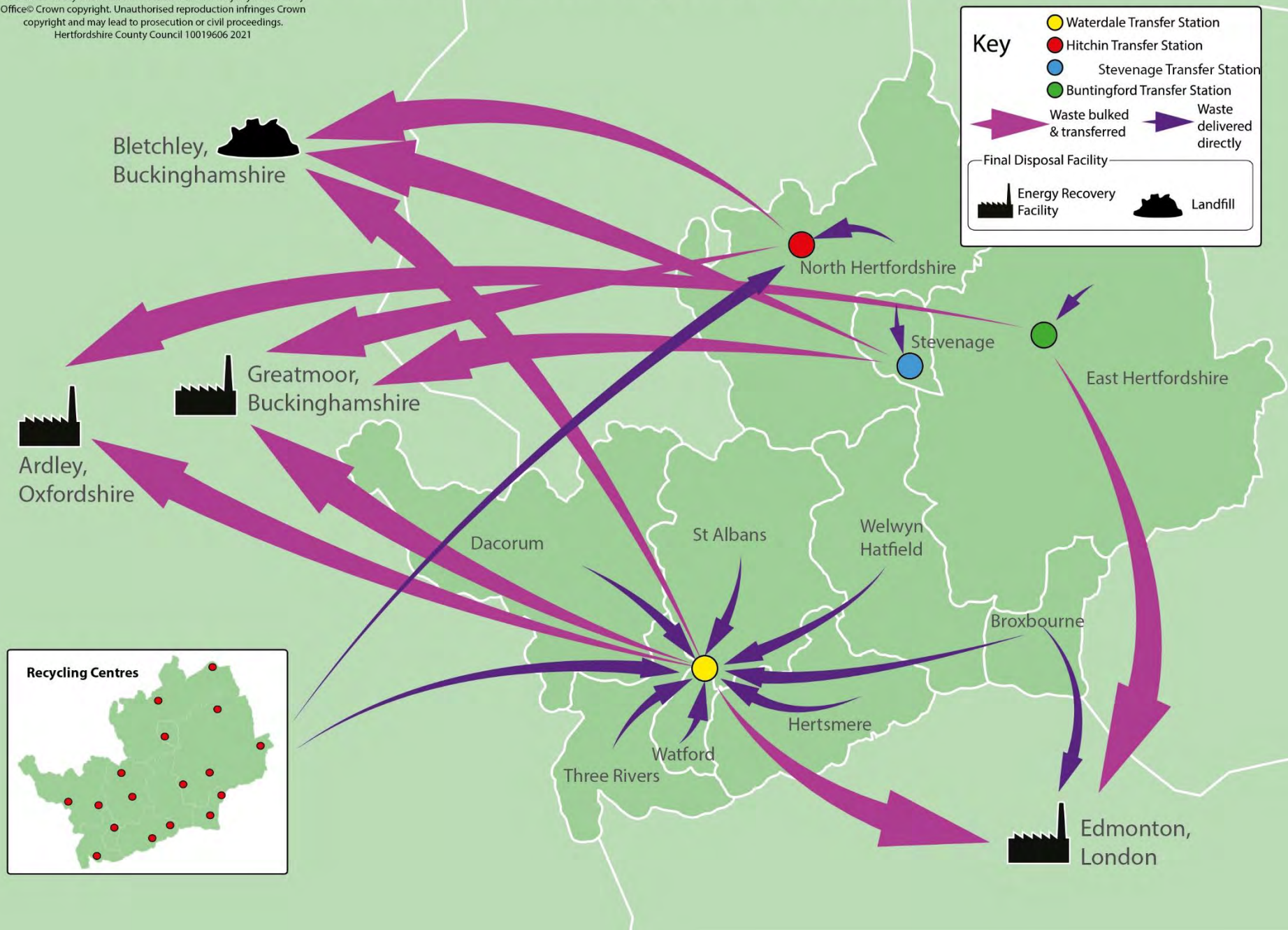
Change League Table

Authority	%age	Change
Watford	50.0%	4.7%
Dacorum	54.5%	1.7%
St Albans	64.2%	1.2%
Welwyn	47.6%	1.0%
Broxbourne	42.4%	0.9%
East Herts	51.5%	0.8%
Stevenage	40.2%	0.7%
Hertsmere	44.4%	0.0%
Three Rivers	63.1%	-1.0%
North Herts	55.9%	-1.6%
Herts CC	56.9%	-1.8%

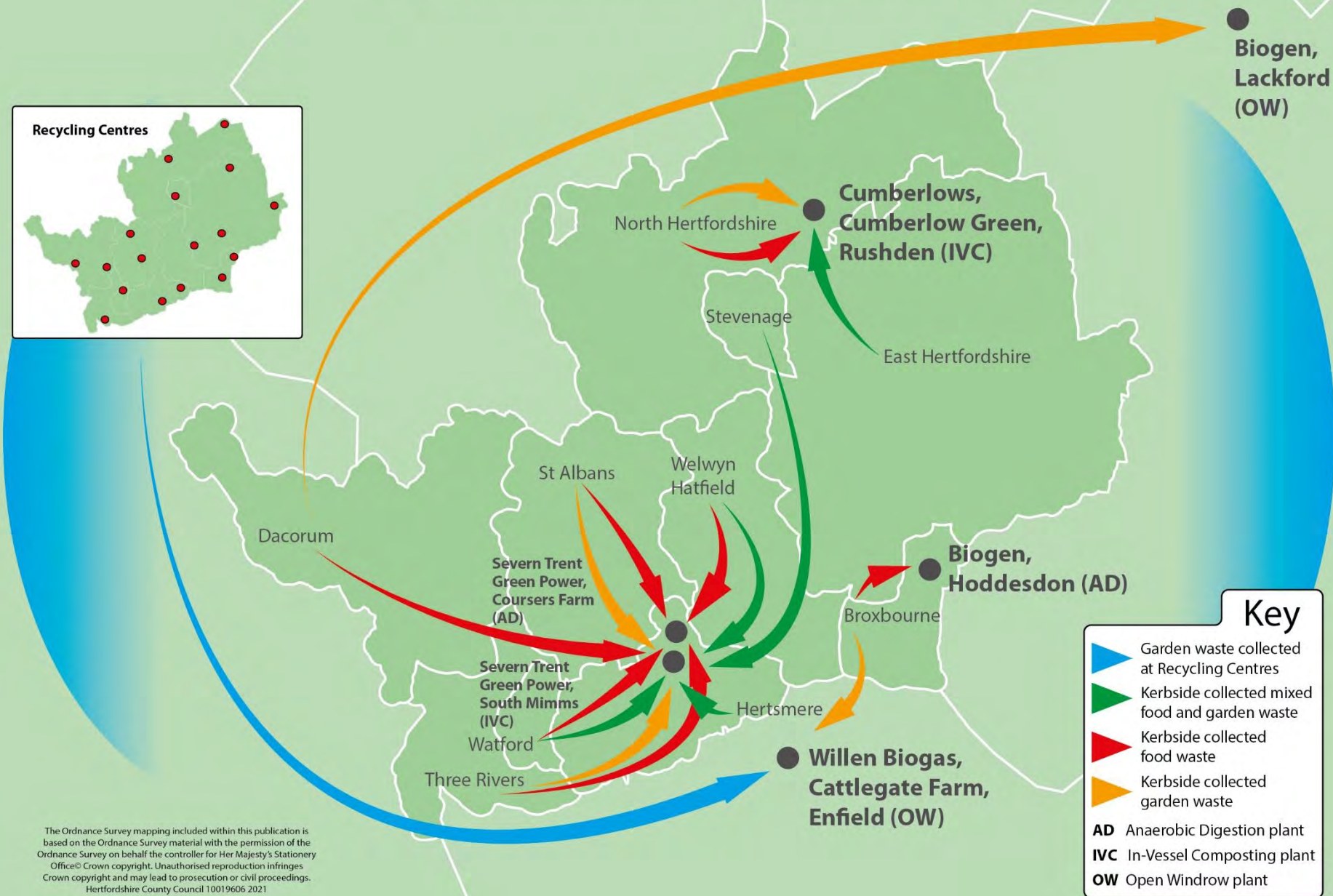
English National League Table

Authority	2020/21 out turn	2019/20 out turn
St Albans DC	64.2%	63.0%
South Oxon DC	63.6%	64.0%
Three Rivers DC	63.1%	64.1%
Vale of White Horse	62.6%	63.3%
Surrey Heath BC	61.3%	62.9%
East Riding (Yorks)	60.8%	63.3%
North Somerset DC	60.4%	60.6%
Dorset Council	60.1%	58.9%
East Devon DC	60.0%	60.5%
Tandridge DC	59.9%	59.1%

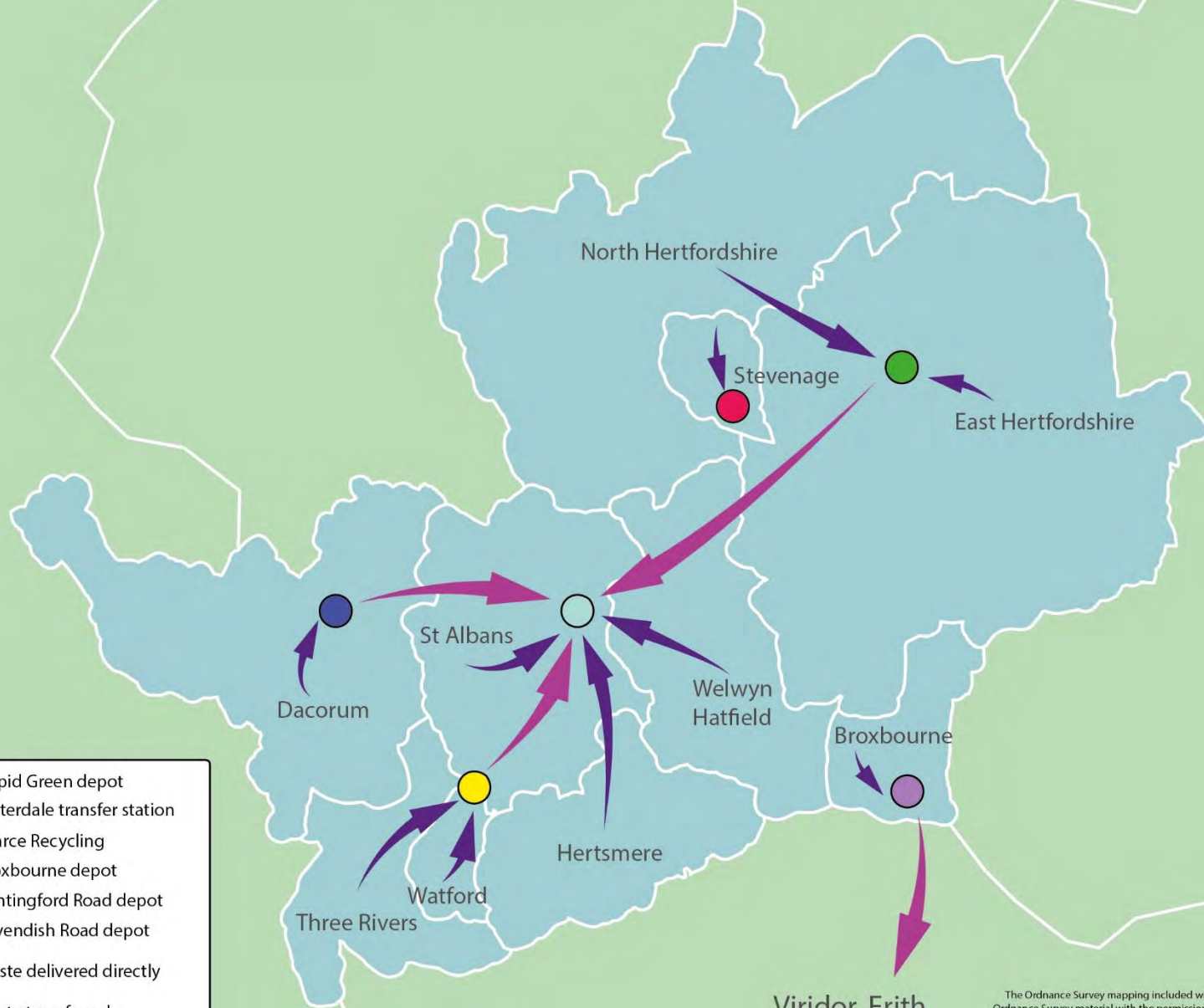
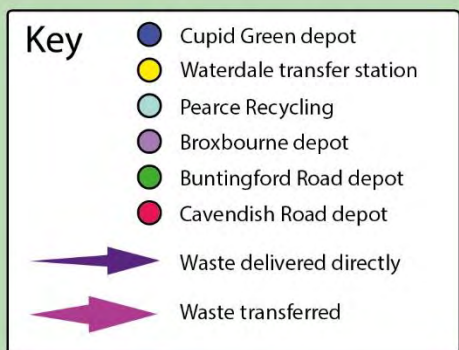
Residual Waste Arrangements 2020-2021



Organic Waste Arrangements 2020/21



Recycling Delivery Points 2020/21



End Destinations for HWP Recyclates – 2020/21



- 229,604 tonnes of the total material processed reached a final destination in the UK compared to 216,980 tonnes in 2019/20.
- 96,100 tonnes was processed in Hertfordshire while a further 81,520 tonnes was handled at facilities elsewhere in Eastern and Southern England.
- 3,456 tonnes was exported to EU countries including 1,800 tonnes of plastics and 1,537 tonnes of paper and card.
- 34,300 tonnes was exported to Asia, a small increase compared 2019-20. India accepted nearly 19,000 tonnes, almost all of it paper and card. 4,460 tonnes went to Turkey, evenly divided between paper and card on the one hand and plastics on the other. 3,945 tonnes went to Thailand whilst 2,230 went to Vietnam and 1,370 tonnes went to Indonesia.



Recycled in UK
as a whole



Recycled in Eastern &
Southern England



Recycled in Asia
including Turkey



Recycled in
EU Countries



Location
not recorded



Recycled
in Africa

Resources & Waste Strategy 2018



- Includes 3 key elements:
 - **Consistency (In the Env Act) (+12%)**
 - ❑ Local authorities will be required to collect a core set of materials
 - ❑ By 2025 WCAs required to provide separately weekly food waste collections
 - **Deposit Return Scheme (DRS) (In the Env Act) (+9% with EPR)**
 - ❑ Will apply to beverage containers – implementation post 2023
 - ❑ Questions around which materials are ‘in-scope’ / ‘out-of-scope’ ?
 - ❑ Likely to be an ‘All-In’ model (kerbside and ‘on the go’ materials)
 - ❑ Likely to increase / decrease costs for waste collection / disposal authorities
 - **Extended Producer Responsibility (EPR) (In the Env Act) (+9% with DRS)**
 - ❑ A number of models being considered – implementation post 2023
 - ❑ Local authority ‘EPR funding’ highly likely to come with conditions

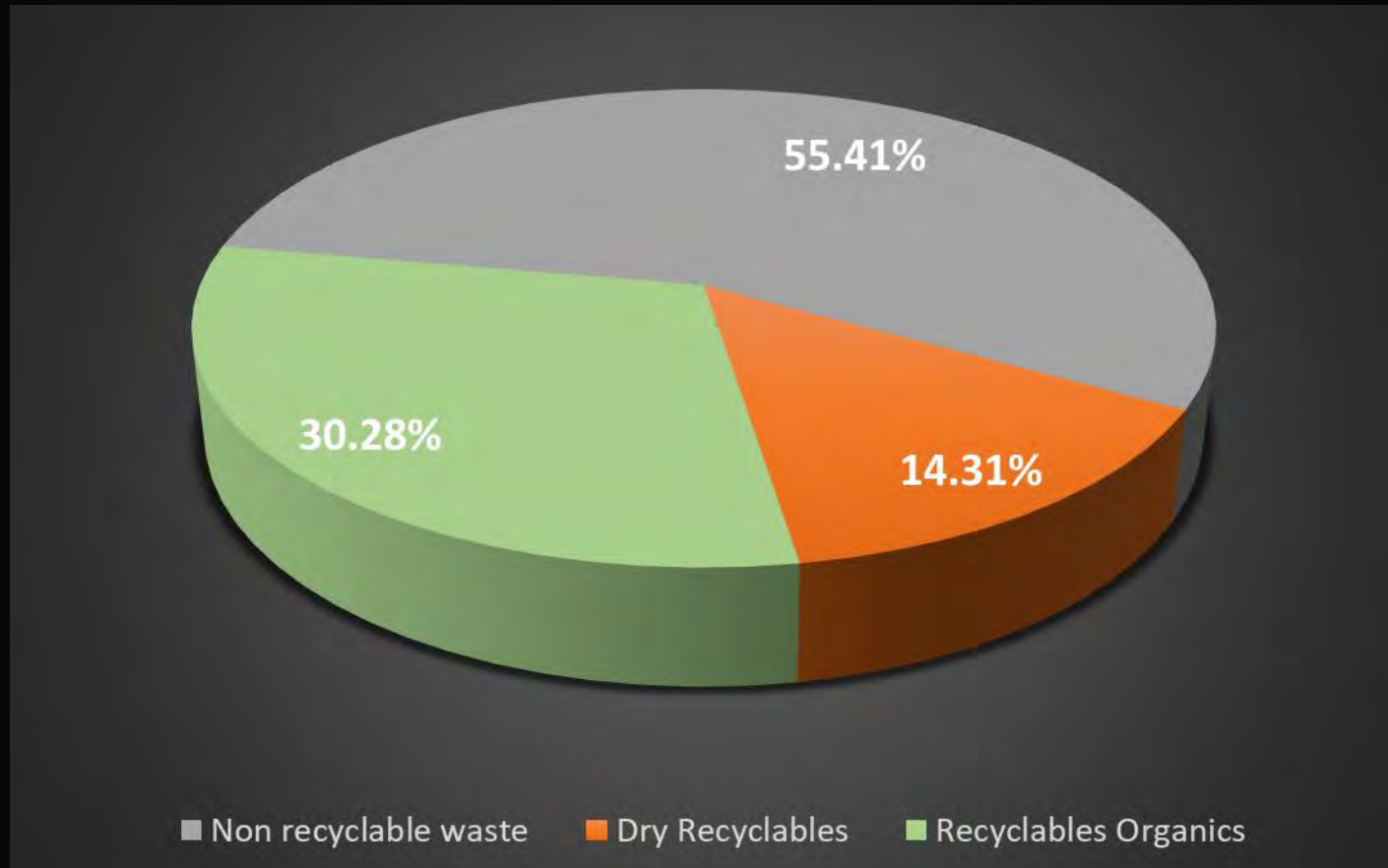
RWS – Key policy issues to consider...

- Government proposing free fortnightly garden waste collections by 2023/24 – HWP agrees garden waste collections should be mandatory but supports local determination with respect to charging
- Gov. wants to add plastic films to core set by 2026/27 – **not supported**
- Gov. looking to develop *Statutory Guidance* to support the new legislation
- DRS - HWP supports an 'All-In' DRS...*but as part of and after EPR*
- DRS - HWP *does not support* inclusion of glass (92.5% capture in Herts)
- DRS - timing – to be integrated with EPR **to avoid funding gaps for LAs**
- DRS - how will **value of DRS material** in kerbside collections be realised ?
- Local authorities will receive funding from the EPR pot – **but subject to providing an efficient and effective service – definition !? !?**

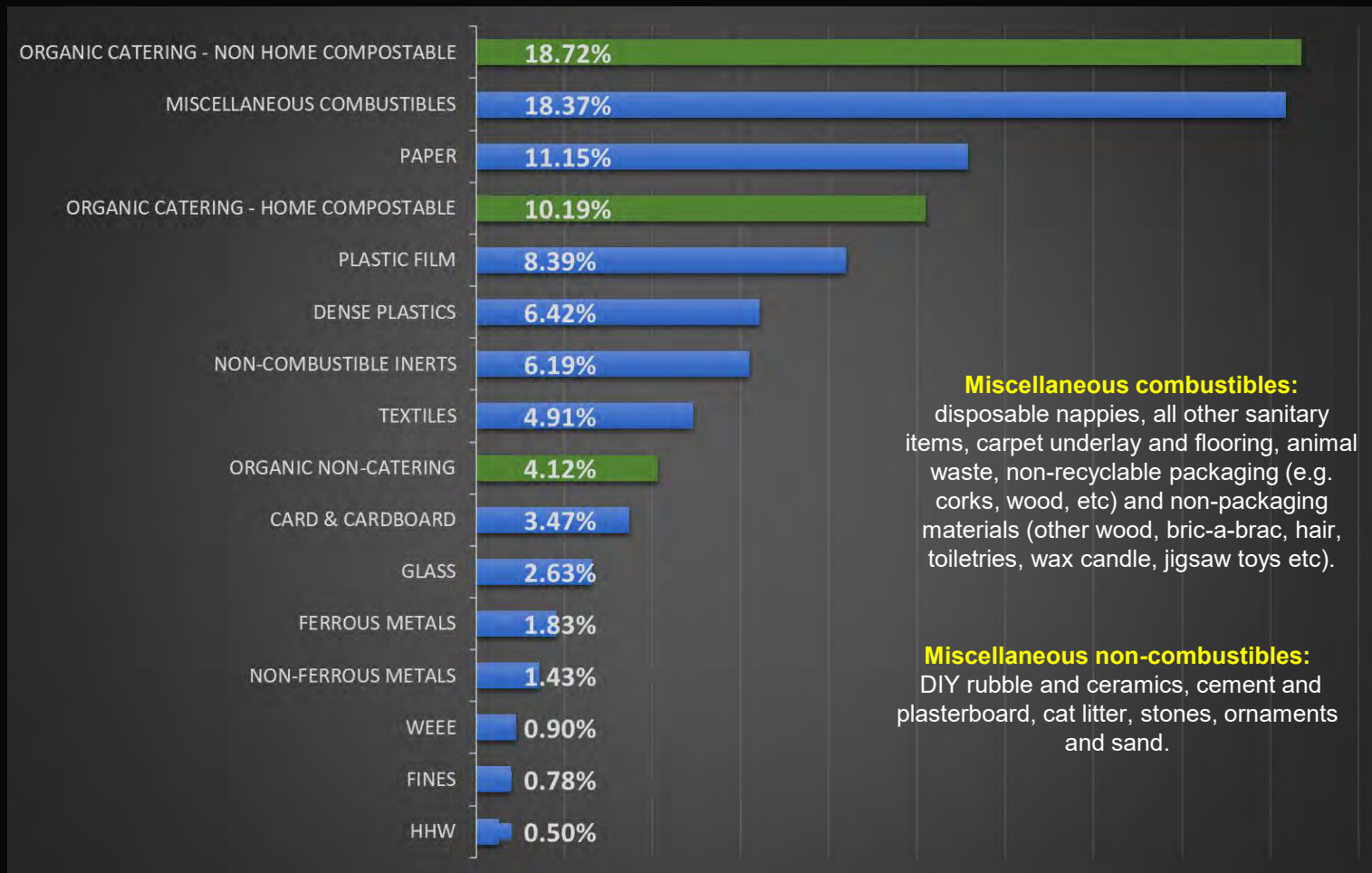
HWP Waste Composition Analysis 2020

- Findings from the Hertfordshire Waste Composition Analysis
 - Ran from 7th Sept – 23rd Oct 2020
- Samples taken from 4 waste streams across 10 partner authorities
- Purpose
 - To understand the make up of residual waste
 - To calculate how much post consumer packaging the HWP handles
 - To help shape future waste policy

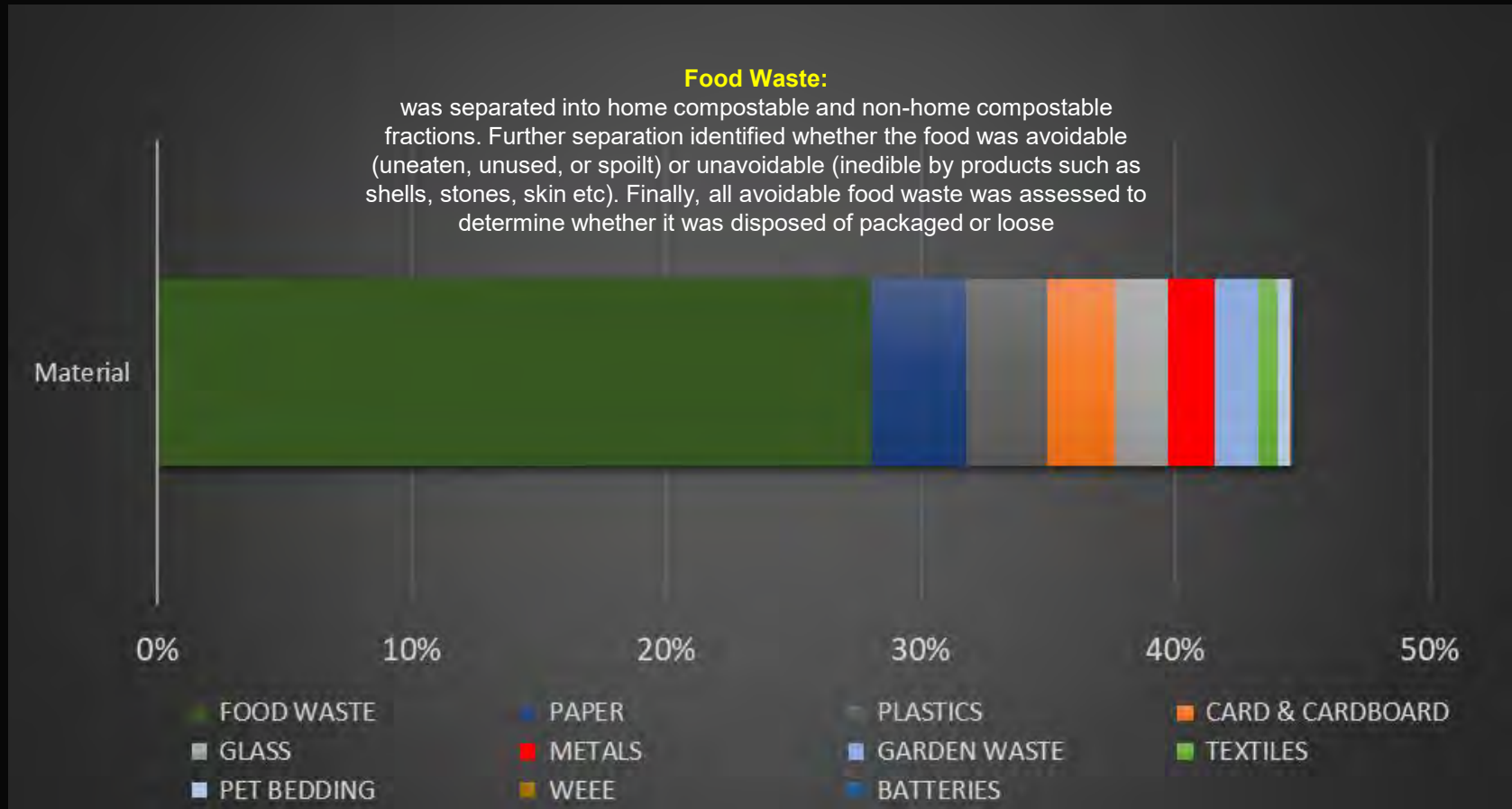
WCA 2020...residual waste elements...



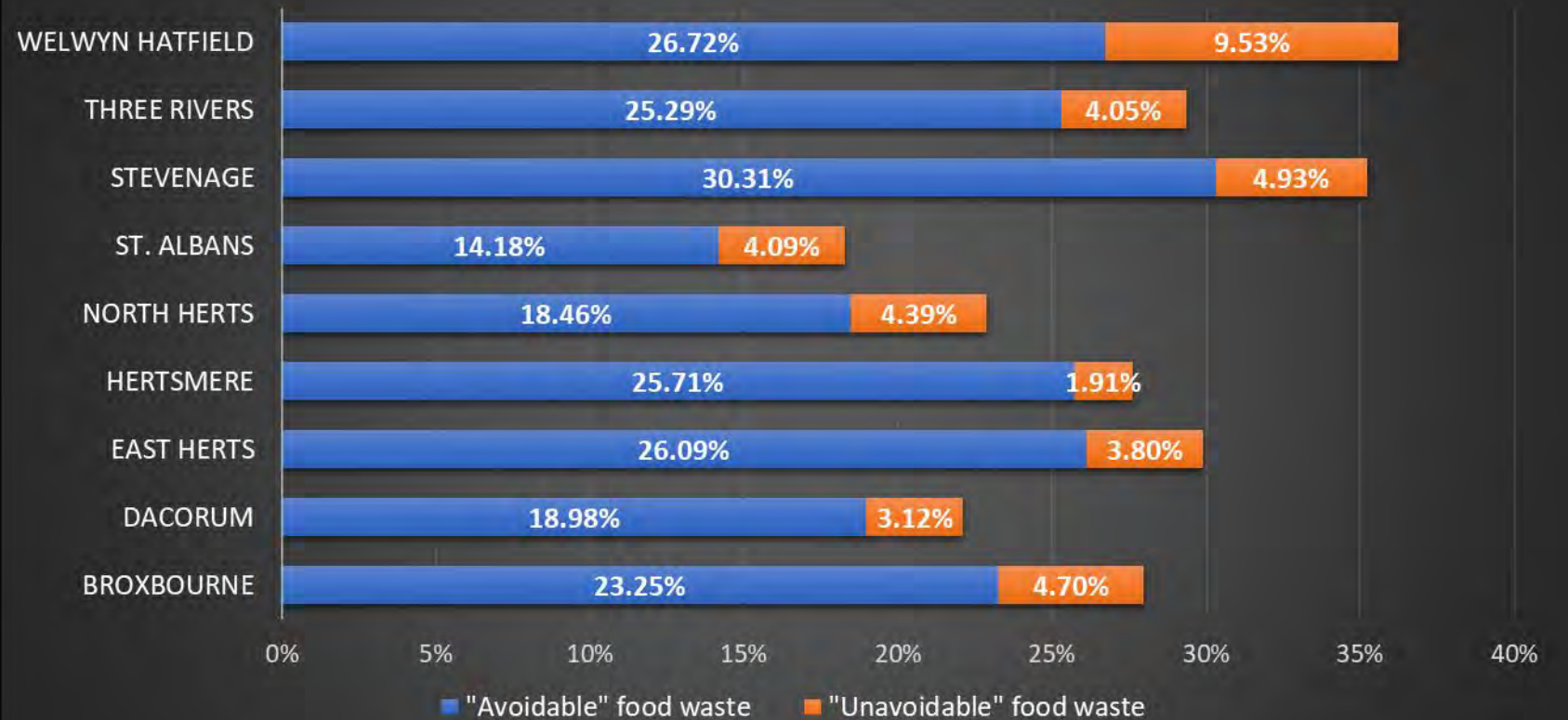
Residual Waste from houses



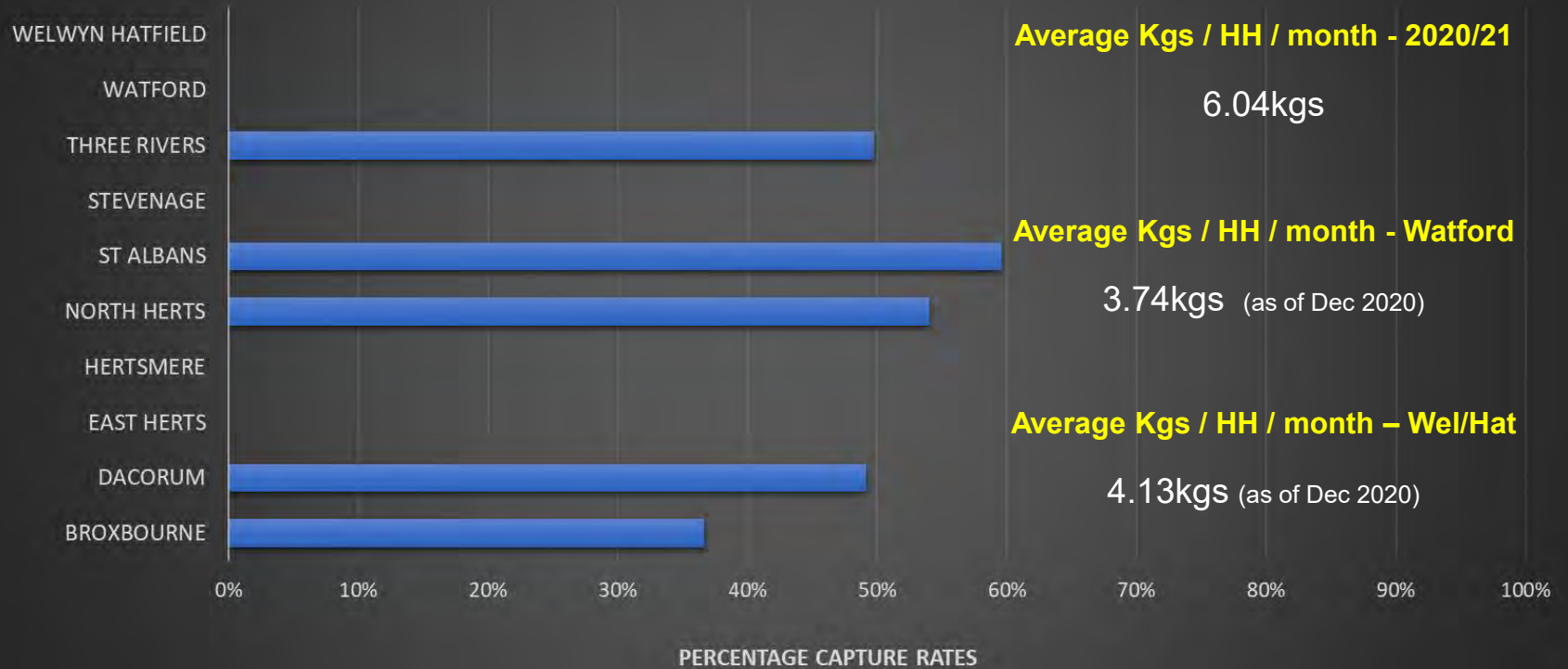
Residual Waste from houses – what's left to recycle ?



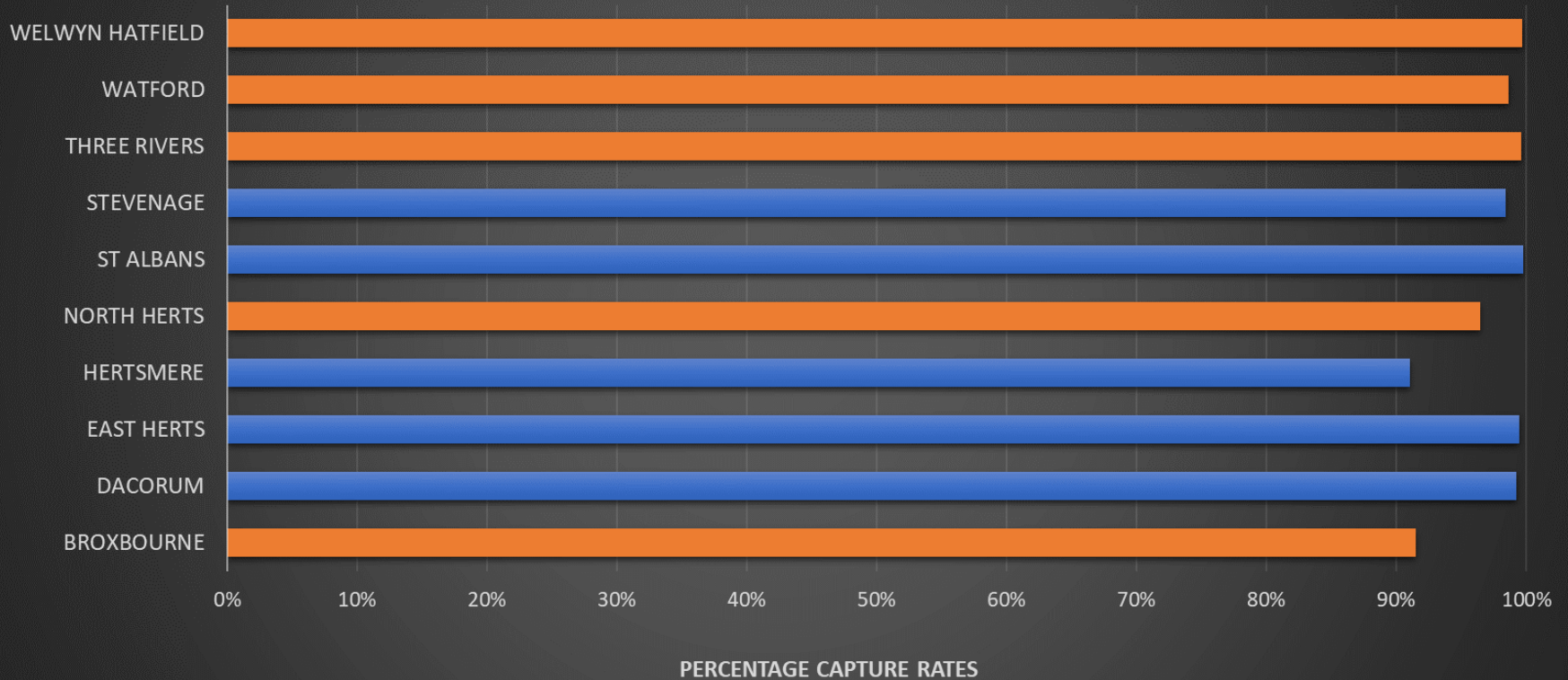
Avoidable 'v' Unavoidable Food Waste in the residual waste stream (WCA 2020)



Food Waste Capture



Garden Waste Capture (WCA 2020)



Food Waste / Garden Waste capture

Authority	BBC	DBC	EHDC	HBC	NHDC	SADC	SBC	TRDC	WBC	WHBC
Food Waste Capture	36.8%	49.1%	0.0%	0.0%	54.1%	59.6%	0.0%	49.7%	0.0%	0.0%
Garden Waste Capture	91.0%	99.2%	99.5%	91.0%	96.5%	99.7%	98.1%	99.6%	98.6%	99.7%

- **Average food waste capture rate for those providing a service – 49.9%**
- **Average garden waste capture rate for those not charging – 97.6%**
- **Average garden waste capture rate for those charging – 97.1%**

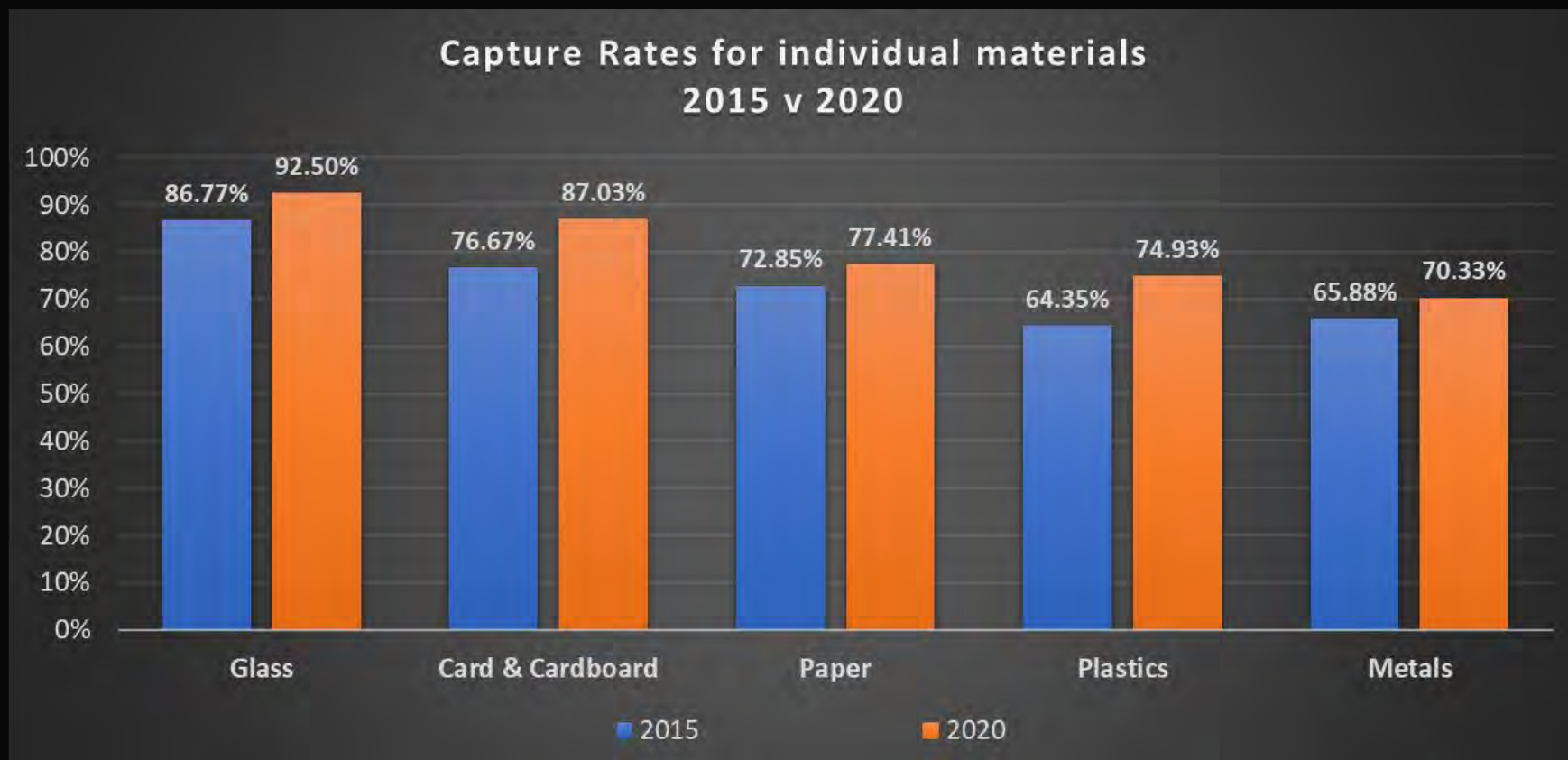
What's left to recycle in tonnage terms ?

Core Set	BBC	DBC	EHDC	HBC	NHDC	SADC	SBC	TRDC	WBC	WHBC	Total
Food Waste	4,835	5,112	8,311	5,895	4,127	3,542	5,731	3,254	4,736	6,520	52,063
Paper	766	1,102	903	1,058	731	384	567	273	491	512	6,787
Plastics	745	786	1,029	776	498	403	689	566	687	559	6,738
Cardboard	595	1,016	1,012	612	441	570	700	355	655	426	6,382
Glass	336	1,132	389	862	259	238	524	757	484	428	5,409
Cans	398	532	567	303	271	364	384	310	364	395	3,888
Garden Waste	731	81	77	877	518	48	42	25	63	28	2,490
Sub Total	8,405	9,761	12,288	10,383	6,845	5,549	8,637	5,540	7,480	8,868	83,757

What's left to recycle in disposal costs terms ? (2020/21)

Core Set	BBC	DBC	EHDC	HBC	NHDC	SADC	SBC	TRDC	WBC	WHBC	Total
Food Waste	£550,803	£582,359	£946,789	£671,558	£470,148	£403,505	£652,876	£370,696	£539,525	£742,758	£5,931,017
Paper	£87,263	£125,540	£102,870	£120,527	£83,276	£43,745	£64,593	£31,100	£55,935	£58,327	£773,175
Plastics	£84,870	£89,541	£117,224	£88,402	£56,732	£45,910	£78,491	£64,479	£78,263	£63,681	£767,593
Card	£67,782	£115,743	£115,287	£69,719	£50,239	£64,934	£79,744	£40,442	£74,618	£48,530	£727,037
Glass	£38,277	£128,957	£44,315	£98,199	£29,505	£27,113	£59,694	£86,237	£55,137	£48,758	£616,193
Cans	£45,340	£60,605	£64,593	£34,518	£30,872	£41,467	£43,745	£35,315	£41,467	£44,998	£442,921
Garden Waste	£83,276	£9,228	£8,772	£99,908	£59,011	£5,468	£4,785	£2,848	£7,177	£3,190	£283,661
Sub Total	£957,612	£1,111,973	£1,399,849	£1,182,831	£779,782	£632,142	£983,927	£631,117	£852,122	£1,010,243	£9,541,597

HWP Waste Compositional Analysis



HWP Annual Report 2020/21

Hertfordshire Waste Partnership

Annual Report – 2020/21



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Read about:

- Best ever HWP recycling performance
- Three Rivers DC confirmed as England's top authority (19/20)
- The 2020 waste compositional analysis
- New services rolled by a number of partner authorities
- Launch of the *Love Your Leftovers Cookbook* (Watford Veolia)
- How Recycling Centres were managed during the pandemic
- Launch of the new Herts Reusable Nappy Scheme
- The impact of the pandemic on fly tipping numbers
- Expansion of Hertfordshire's #SCRAPflytipping campaign
- HWP and Herts FTG lobbying for legislative change
- A detailed analysis of end destinations for Herts recyclables

www.shorturl.at/jlrD8

