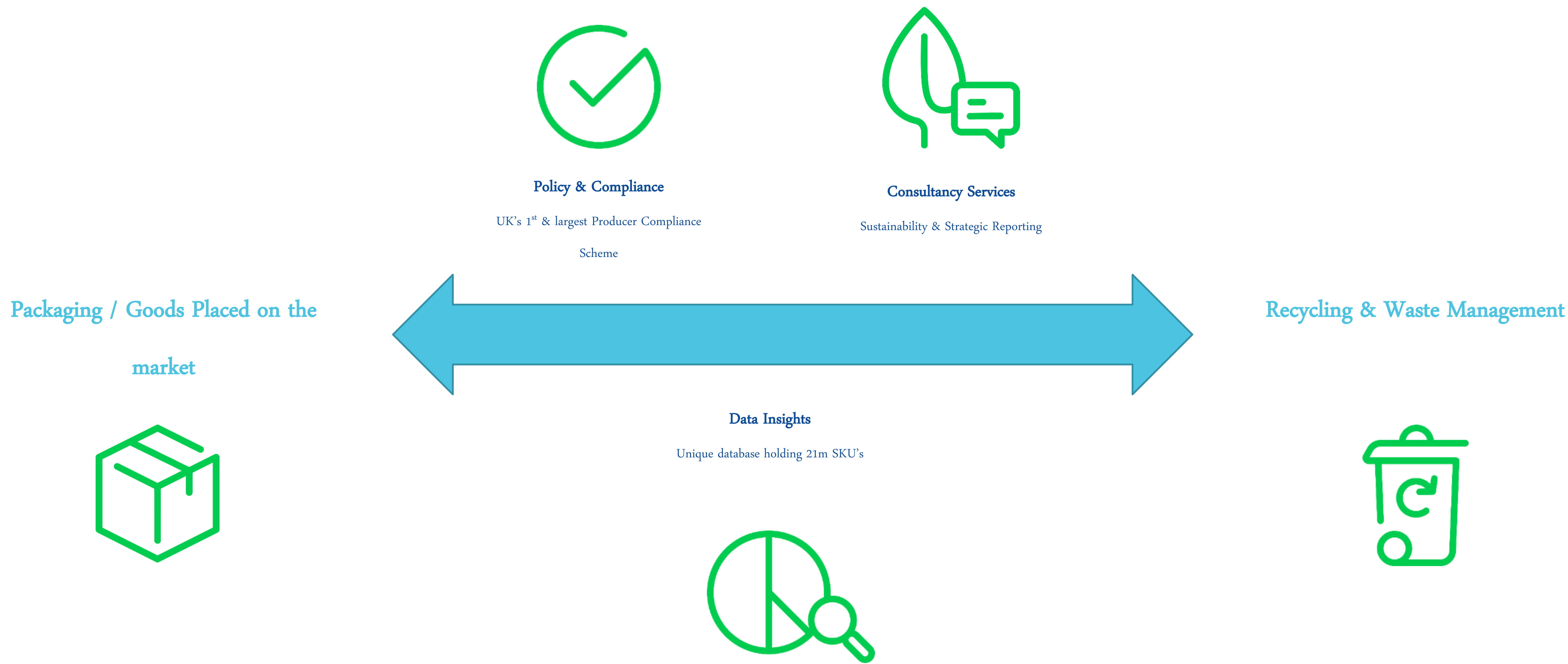# How is collecting data on products, packaging & waste helping to achieve sustainability goals?

Duncan Simpson

Business Development Director
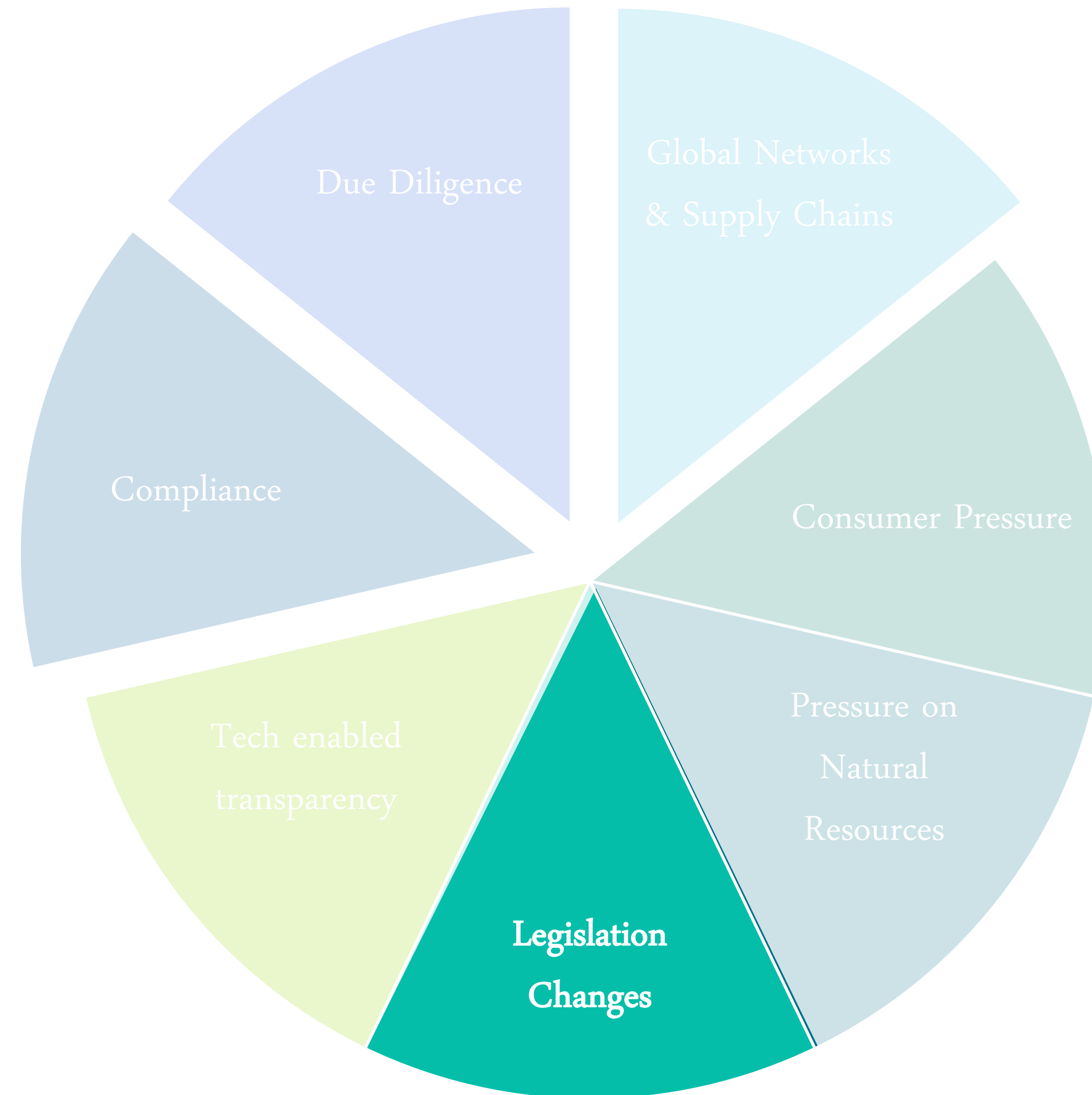
February 2020

What does Valpak do?

Policy & Compliance

UK's 1st & largest Producer Compliance

Scheme

Consultancy Services

Sustainability & Strategic Reporting

Packaging / Goods Placed on the

market

Recycling & Waste Management

Data Insights

Unique database holding 21m SKU's

Over 20 years worth of experience in collecting data

External drivers

Consultations - How changes may affect data

Packaging EPR Reform

Modulated Fees

Binary labelling system

Who will need to report data?

Due to be in effect by 2023

Plastic Tax

30 % recycled content threshold

Amount not yet decided

Possible that different levels may apply

Envisaged to apply from April 2022

DRS

Would apply to in scope beverage containers

Consultation in 2019 applied to England, Wales & Northern Ireland

Scotland - due to be operational by 2021
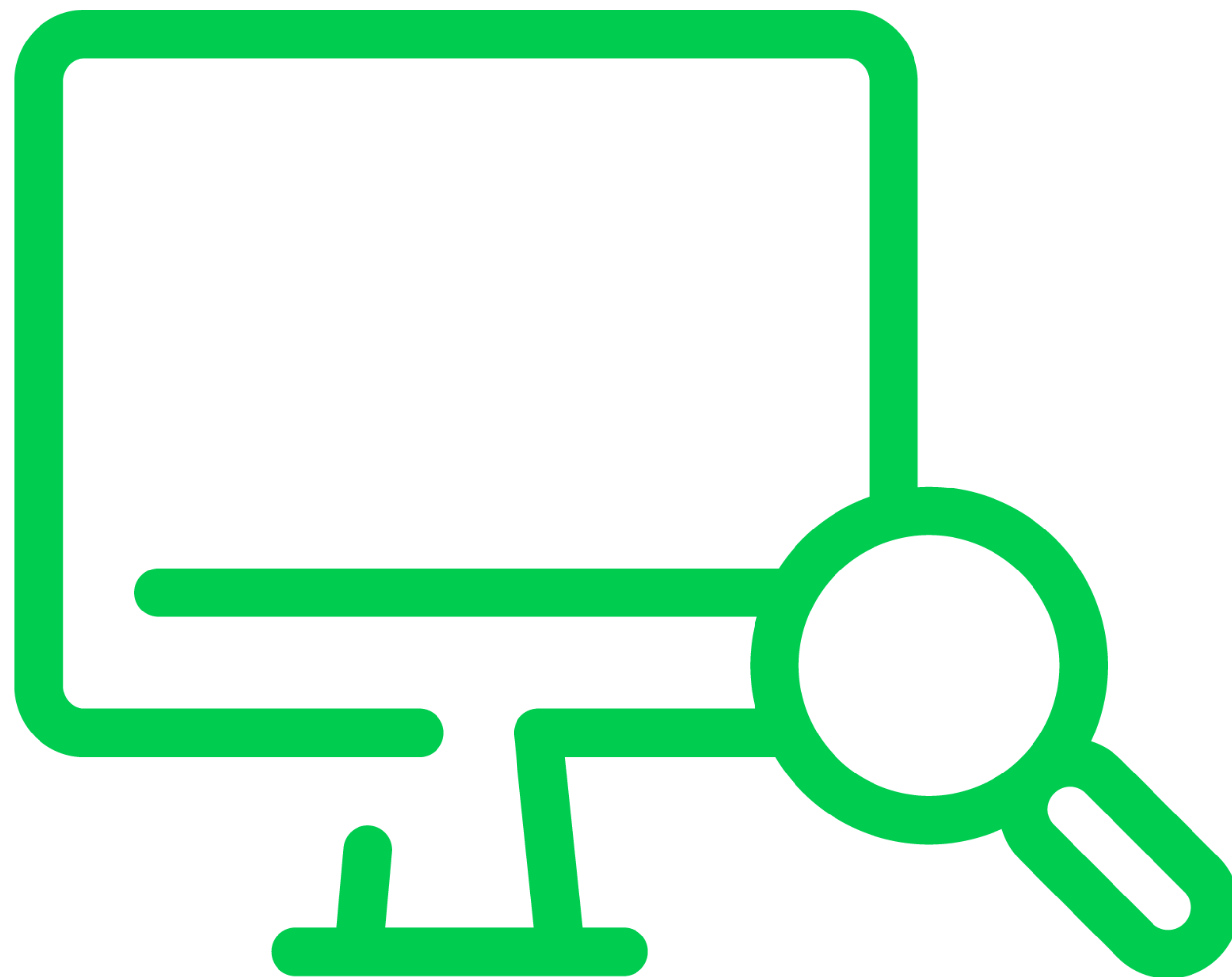

The UK Plastics Pact

Voluntary initiative:

1. Eliminate single use packaging
2. 100% recyclable, reusable or compostable
3. 70% plastic effectively recycled
4. 30 average recycled content

Valpak Insight Platform

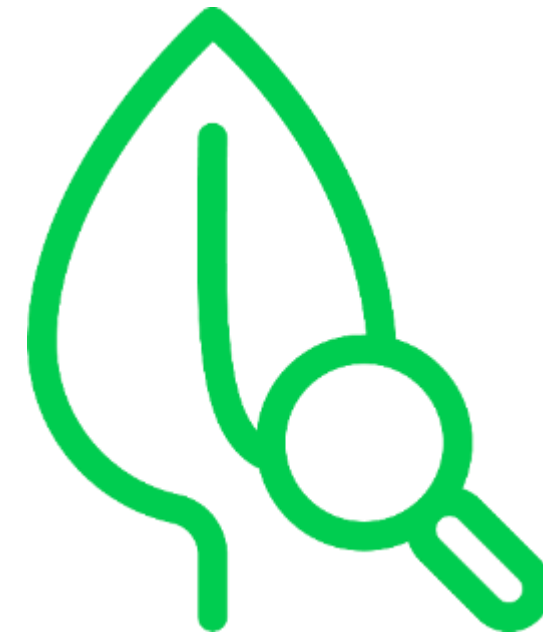ing data to inspire sustainable change

Insight Platform

The Product Data Suite reports on the data required for packaging waste, waste electricals and waste batteries legislation. It also enables the monitoring of chemicals present within products, which is a requirement of the REACH and RoHS Regulations.

The Sustainable Development Suite encompasses reporting closely linked to UN Sustainable Development Goals Such as plastic reporting in line with the UK Plastics PACT, tracking food waste or displaying supplier data on soy or palm oil.

Global View Suite extends data across international operations. This element of the Platform provides visibility on a business's compliance status, product data, associated costs and sustainability across the globe.

Valpak

Valpak | Insight Platform

COMPLIANCE YEAR

How recyclable is our packaging?

Can we report against specific targets?

Which suppliers should we collaborating with?

How much Plastic are we responsible for?

Which sites produce the most packaging?

How do we monitor progress?

PACKAGING TONNAGE

35,454.11t Glass 57.49%
11,213.26t Paper 18.18%
6,007.67t Plastic 9.74%
4,482.55t Wood 7.27%
2,893.73t Steel 4.69%
1,607.44t Aluminium 2.61%

SUPERMARKETSTORE3 20,854.54t 33.81%
SUPERMARKETSTORE1 20,595.89t 33.39%
SUPERMARKETSTORE2 20,223.65t 32.79%

	Total Tonnage	Glass	Paper	Plastic	Wood	Steel	Aluminium
SupermarketStore3	20,854.54	12,054.10	3,777.60	2,012.04	1,499.75	976.63	529.45
SupermarketStore1	20,595.89	11,834.13	3,747.36	2,011.29	1,500.53	955.96	541.40
SupermarketStore2	20,223.65	11,565.87	3,688.30	1,984.34	1,482.27	961.14	536.59

CLEAR SELECTIONS
MATERIAL PACKAGING PRODUCT

Material ▼
Glass
Paper
Plastic
Wood
Steel
Aluminium
Other

How have the tonnages changed between data sets?

Year: 2019, 2018, 2017, 2016

Percentage tonnage per material
Glass	57.49%
Paper	18.18%
Plastic	9.74%
Wood	7.27%
Steel	4.69%
Aluminium	2.61%
Other	0.02%

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What are the key tonnage figures by data set?

		Total Tonnage	Total Volume	Primary Packaging	Secondary Packaging	Transit Packaging	In House Weights	Group Weights	Supplier Weights	External Weights	Glass	Paper
2019	SupermarketStore3	20,854.54	171,008,478.00	17,418.67	1,828.96	1,604.30	13,129.68	6,529.86	1,194.73	0.27	12,054.10	3,777.60
2019	SupermarketStore1	20,595.89	171,730,427.00	17,157.37	1,830.36	1,605.42	12,905.09	6,504.59	1,185.87	0.33	11,834.13	3,747.36
2019	SupermarketStore2	20,223.65	170,995,091.00	16,826.64	1,808.35	1,586.39	12,601.25	6,424.09	1,198.08	0.23	11,565.87	3,688.30
2019	Total	61,674.09	513,733,996.00	51,402.68	5,467.66	4,796.11	38,636.02	19,458.54	3,578.69	0.83	35,454.11	11,213.26
2018	SupermarketStore3	20,008.25	124,995,580.00	16,784.10	1,769.83	1,454.32	13,438.05	5,399.78	1,170.43	0.00	11,792.69	3,619.56
2018	SupermarketStore1	22,886.82	142,386,369.00	19,227.24	2,013.09	1,646.49	15,501.69	6,088.27	1,296.86	0.00	13,595.71	4,084.69
2018	SupermarketStore2	22,135.30	145,921,299.00	18,415.69	2,081.48	1,638.12	14,597.45	6,338.46	1,199.39	0.00	12,594.39	4,097.32
2018	Total	65,030.38	413,303,248.00	54,427.04	5,864.41	4,738.93	43,537.18	17,826.51	3,666.68	0.00	37,982.79	11,801.58
2017	SupermarketStore3	19,211.29	127,253,911.00	15,991.69	1,778.39	1,441.21	12,677.41	5,376.96	1,156.93	0.00	11,112.06	3,570.25
2017	SupermarketStore1	21,952.11	145,004,368.00	18,301.25	2,020.93	1,629.93	14,611.25	6,062.33	1,278.53	0.00	12,798.99	4,027.01
2017	SupermarketStore2	21,345.91	147,799,133.00	17,656.29	2,075.99	1,613.62	13,898.25	6,262.38	1,185.28	0.00	12,014.43	4,031.81
2017	Total	62,509.31	420,057,412.00	51,949.24	5,875.31	4,684.76	41,186.91	17,701.67	3,620.74	0.00	35,925.47	11,629.08

Valpak | **Insight Platform**

ALL TONNAGE	61,674.09t
FILTERED TONNAGE	61,674.09t
PERCENTAGE	100.00%

COMPLIANCE YEAR 2019

PACKAGING TONNAGE

35,454.11t	**11,213.26t**	**6,007.67t**
Glass 57.49%	Paper 18.18%	Plastic 9.74%
4,482.55t	**2,893.73t**	**1,607.44t**
Wood 7.27%	Steel 4.69%	Aluminium 2.61%

CLEAR SELECTIONS

MATERIAL PACKAGING PRODUCT

Material ▾

- Glass
- ⊞ Paper
- ⊞ Plastic
- Wood
- Steel
- ⊞ Aluminium
- ⊞ Other

SUPERMARKETSTORE3	SUPERMARKETSTORE1	SUPERMARKETSTORE2
20,854.54t	20,595.89t	20,223.65t
33.81%	33.39%	32.79%

	Total Tonnage	Glass	Paper	Plastic	Wood	Steel	Aluminium
SupermarketStore3	20,854.54	12,054.10	3,777.60	2,012.04	1,499.75	976.63	529.45
SupermarketStore1	20,595.89	11,834.13	3,747.36	2,011.29	1,500.53	955.96	541.40
SupermarketStore2	20,223.65	11,565.87	3,688.30	1,984.34	1,482.27	961.14	536.59

How have the tonnages changed between data sets?

Year
- 2019
- 2018
- 2017
- 2016

Percentage tonnage per material

Glass	57.49%
Paper	18.18%
Plastic	9.74%
Wood	7.27%
Steel	4.69%
Aluminium	2.61%
Other	0.02%

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What are the key tonnage figures by data set?

XL

/		Total Tonnage	Total Volume	Primary Packaging	Secondary Packaging	Transit Packaging	In House Weights	Group Weights	Supplier Weights	External Weights	Glass	Paper
2019	SupermarketStore3	20,854.54	171,008,478.00	17,418.67	1,828.96	1,604.30	13,129.68	6,529.86	1,194.73	0.27	12,054.10	3,777.60
2019	SupermarketStore1	20,595.89	171,730,427.00	17,157.37	1,830.36	1,605.42	12,905.09	6,504.59	1,185.87	0.33	11,834.13	3,747.36
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2019	Total	61,674.09	513,733,996.00	51,402.68	5,467.66	4,796.11	38,636.02	19,458.54	3,578.69	0.83	35,454.11	11,213.26
2018	SupermarketStore3	20,008.25	124,995,580.00	16,784.10	1,769.83	1,454.32	13,438.05	5,399.78	1,170.43	0.00	11,792.69	
2018	SupermarketStore1	22,886.82	142,386,369.00	19,227.24	2,013.09	1,646.49	15,501.69	6,088.27	1,296.86	0.00	13,595.71	4,084.69
2018	SupermarketStore2	22,135.30	145,921,299.00	18,415.69	2,081.48	1,638.12	14,597.45	6,338.46	1,199.39	0.00	12,594.39	4,097.32
2018	Total	65,030.38	413,303,248.00	54,427.04	5,864.41	4,738.93	43,537.18	17,826.51	3,666.68	0.00	37,982.79	11,801.58
2017	SupermarketStore3	19,211.29	127,253,911.00	15,991.69	1,778.39	1,441.21	12,677.41	5,376.19	1,156.93	0.00	11,112.06	3,570.25

Valpak | Insight Platform

COMPLIANCE YEAR 2019
Material 21 of 64

PACKAGING TONNAGE

0.00t 0.00t 6,007.67t
Glass 0.00% Paper 0.00% Plastic 100.00%

SUPERMARKETSTORE3 2,012.04t 33.49%
SUPERMARKETSTORE1 2,011.29t 33.48%
SUPERMARKETSTORE2 1,984.34t 33.03%

CLEAR SELECTIONS

MATERIAL PACKAGING PRODUCT

0.00t 0.00t 0.00t
Wood 0.00% Steel 0.00% Aluminium 0.00%

	Total Tonnage	Glass	Paper	Plastic	Wood	Steel	Aluminium
SupermarketStore3	2,012.04	0.00	0.00	2,012.04	0.00	0.00	0.00
SupermarketStore1	2,011.29	0.00	0.00	2,011.29	0.00	0.00	0.00
SupermarketStore2	1,984.34	0.00	0.00	1,984.34	0.00	0.00	0.00

Material ▾

Glass
⊞ Paper
⊞ Plastic
Wood
Steel
⊞ Aluminium
⊞ Other
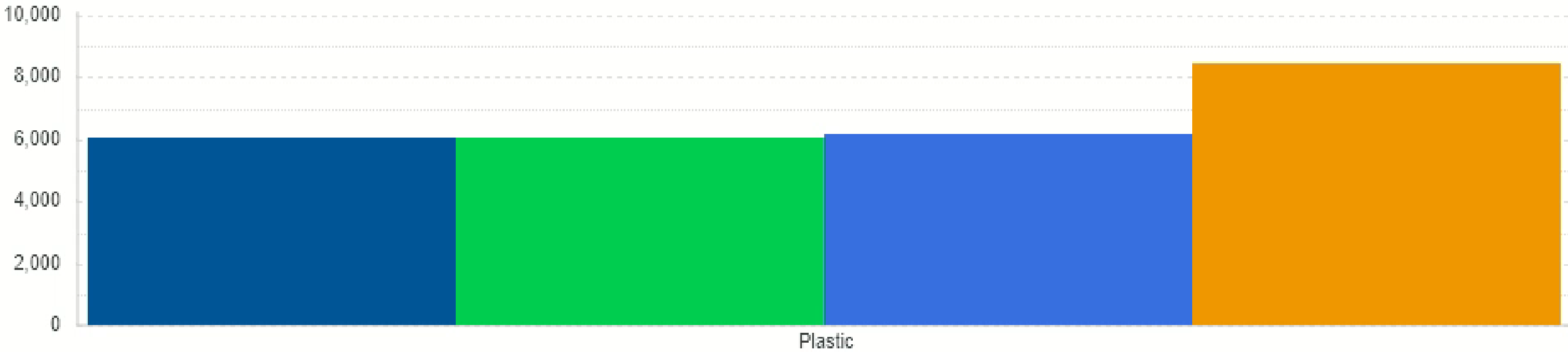
How have the tonnages changed between data sets?

Year
2019
2018
2017
2016

Percentage tonnage per material

Plastic	72.41%
Grade 1 Plastic PET	10.60%
Grade 2 Plastic HDPE	5.26%
Grade 5 Plastic PP	4.67%
Grade 6 Plastic PS	1.46%
Grade 4 Plastic LDPE	1.46%
PETE	1.30%
rPET Recycled Grade 1...	0.94%
PE	0.64%
Grade 7 Other Plastic	0.37%
rHDPE Recycled Grade...	0.28%
rPP Recycled Grade 5...	0.21%
Grade 3 Plastic PVC	0.13%
OPP	0.11%

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What are the key tonnage figures by data set?

XL

	Total Tonnage	Total Volume	Primary Packaging	Secondary Packaging	Transit Packaging	In House Weights	Group Weights	Supplier Weights	External Weights	Glass	Paper
2019 SupermarketStore3	2,012.04	132,867,054.00	1,805.87	143.25	60.30	915.50	827.35	268.91	0.27	0.00	0.00
2019 SupermarketStore1	2,011.29	133,596,754.00	1,803.37	145.12	60.06	912.41	824.42	274.12	0.33	0.00	0.00
2019 SupermarketStore2	1,984.34	132,817,579.00	1,777.57	145.23	59.27	891.71	820.39	272.01	0.23	0.00	0.00
2019 Total	6,007.67	399,281,387.00	5,386.80	433.61	179.63	2,719.63	2,472.17	815.04	0.83	0.00	0.00
2018 SupermarketStore3	1,858.09	124,654,892.00	1,660.18	136.72	61.19	847.11	778.52	232.47	0.00	0.00	0.00
2018 SupermarketStore1	2,113.02	142,036,187.00	1,887.16	156.25	69.61	961.47	886.87	264.68	0.00	0.00	0.00
2018 SupermarketStore2	2,067.85	145,688,090.00	1,844.81	153.31	69.73	887.55	864.34	315.96	0.00	0.00	0.00
2018 Total	6,038.96	412,379,169.00	5,392.15	446.28	200.53	2,696.13	2,529.73	813.11	0.00	0.00	0.00
2017 SupermarketStore3	1,888.45	126,934,883.00	1,690.91	137.54	60.00	856.35	797.65	234.45	0.00	0.00	0.00

Valpak | Insight Platform

ALL TONNAGE	61,674.09t
FILTERED TONNAGE	87.89t
PERCENTAGE	0.14%

COMPLIANCE YEAR 2019

Material — Plastic-Grade 6 Plastic PS

CLEAR SELECTIONS

MATERIAL   PACKAGING   PRODUCT

Material ▾

- Glass
- ⊞ Paper
- ⊟ Plastic
  - APET
  - CPET
  - Grade 1 Plastic PET
  - Grade 2 Plastic HDPE
  - Grade 3 Plastic PVC
  - Grade 4 Plastic LDPE
  - Grade 5 Plastic PP
  - **Grade 6 Plastic PS**
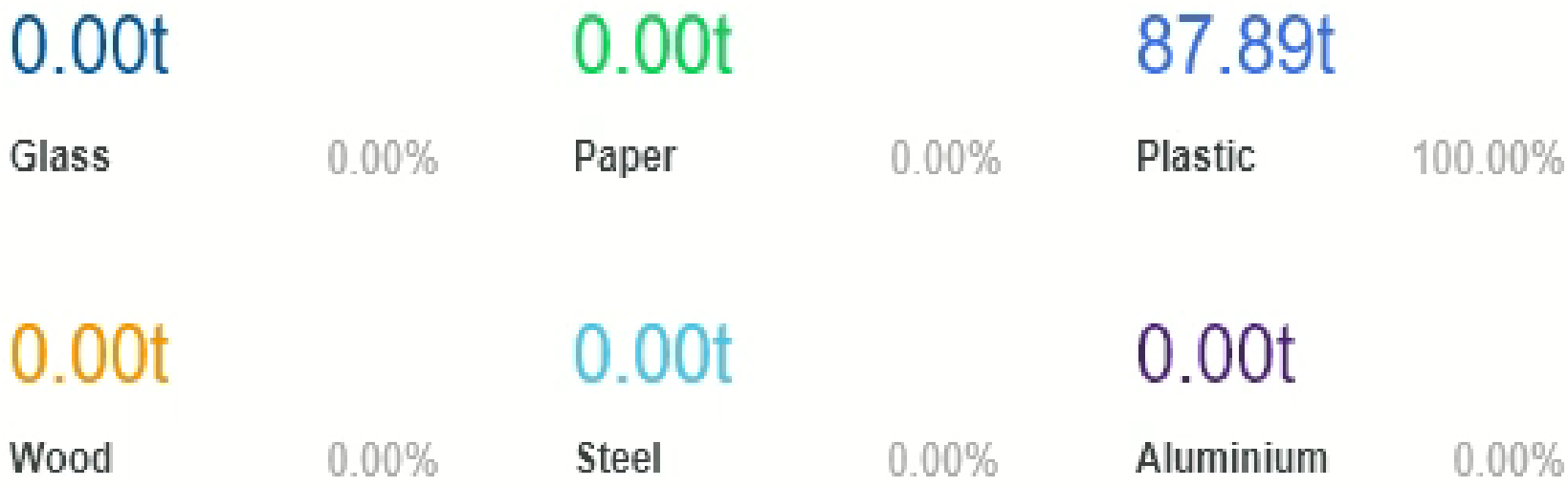 - Grade 7 Other Plastic
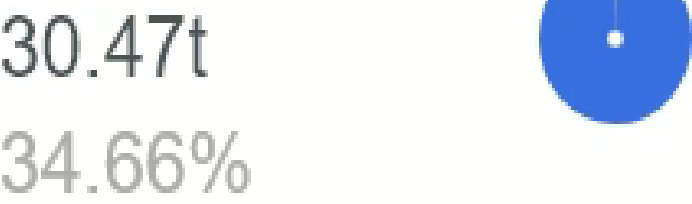 - Laminates
  - LLDPE
  - OPP
  - PE
  - PETE

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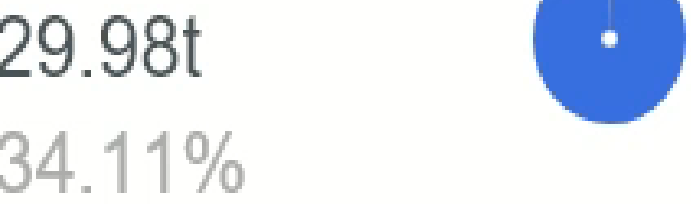
PACKAGING TONNAGE

|					
0.00t		0.00t		87.89t	
Glass	0.00%	Paper	0.00%	Plastic	100.00%
0.00t		0.00t		0.00t	
Wood	0.00%	Steel	0.00%	Aluminium	0.00%

SUPERMARKETSTORE3	SUPERMARKETSTORE1	SUPERMARKETSTORE2
30.47t	29.98t	27.44t
34.66%	34.11%	31.22%

	Total Tonnage	Glass	Paper	Plastic	Wood	Steel	Aluminium
SupermarketStore3	30.47	0.00	0.00	30.47	0.00	0.00	0.00
SupermarketStore1	29.98	0.00	0.00	29.98	0.00	0.00	0.00
SupermarketStore2	27.44	0.00	0.00	27.44	0.00	0.00	0.00

How have the tonnages changed between data sets?

Year: 2019, 2018, 2017, 2016
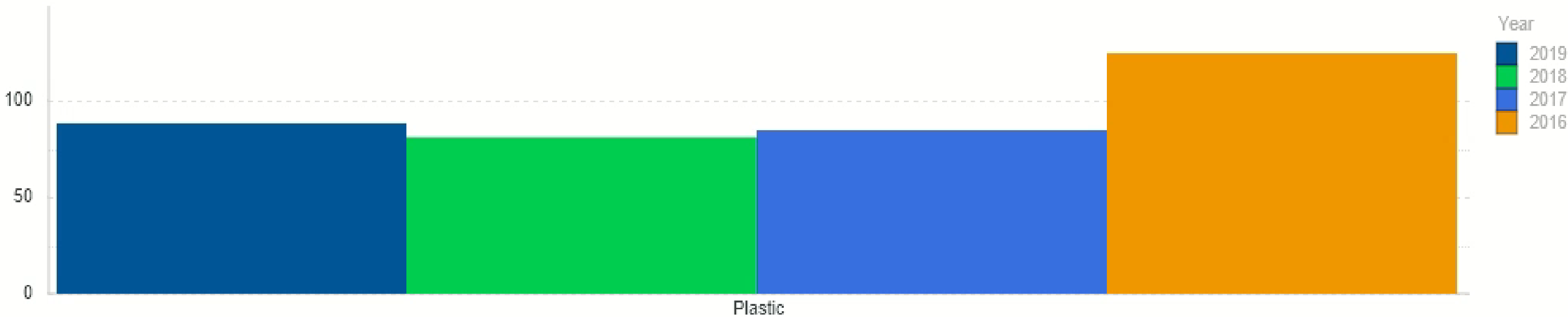
Percentage tonnage per material

Grade 6 Plastic PS   100.00%

What are the key tonnage figures by data set?

		Total Tonnage	Total Volume	Primary Packaging	Secondary Packaging	Transit Packaging	In House Weights	Group Weights	Supplier Weights	External Weights	Glass	Paper
2019	SupermarketStore3	30.47	1,267,876.00	30.30	0.00	0.00	25.68	0.00	4.79	0.00	0.00	0.00
2019	SupermarketStore1	29.98	1,229,853.00	29.84	0.00	0.00	25.05	0.00	4.93	0.00	0.00	0.00
2019	SupermarketStore2	27.44	1,225,713.00	27.25	0.00	0.00	22.43	0.00	5.01	0.00	0.00	0.00
2019	**Total**	87.89	3,723,442.00	87.40	0.00	0.00	73.16	0.00	14.73	0.00	0.00	0.00
2018	SupermarketStore3	21.08	1,118,310.00	21.08	0.00	0.00	14.51	0.00	6.57	0.00	0.00	0.00
2018	SupermarketStore1	25.83	1,240,702.00	25.83	0.00	0.00	19.25	0.00	6.57	0.00	0.00	0.00
2018	SupermarketStore2	33.99	1,172,646.00	33.99	0.00	0.00	31.04	0.00	2.96	0.00	0.00	0.00
2018	**Total**	80.90	3,531,658.00	80.90	0.00	0.00	64.80	0.00	16.11	0.00	0.00	0.00
2017	SupermarketStore3	22.27	1,176,496.00	22.27	0.00	0.00	15.39	0.00	6.89	0.00	0.00	0.00

Valpak | Insight Platform

COMPLIANCE YEAR 2019

Material 🖋 Plastic-Grade 6
Plastic PS

CLEAR SELECTIONS

MATERIAL PACKAGING PRODUCT

Material ▾

- ⊞ Plastic ●
- ⊞ Paper
- Glass
- ⊞ Aluminium
- Steel
- Wood
- ⊞ Other

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PACKAGING TONNAGE

Total Tonnage

87.89t

73.16t
In House

WEIGHT SOURCE SPLIT

0.00t   14.73t   0.00t

Group   Supplier   External

SUPERMARKETSTORE3	SUPERMARKETSTORE1	SUPERMARKETSTORE2
30.47t	29.98t	27.44t
34.66%	34.11%	31.22%

	Total Tonnage	In House	Group	Supplier	External
SupermarketStore3	30.47	25.68	0.00	4.79	0.00
SupermarketStore1	29.98	25.05	0.00	4.93	0.00
SupermarketStore2	27.44	22.43	0.00	5.01	0.00

How is the packaging tonnage attributed to each supplier split by weight source?   Top 10

Branded Products Ltd
Electronic Imports
Classic Food Products Ltd
Life Electricals Ltd
Tie In Products
Logo'D Produce
Tradtional Produce
Classic Food Ltd
High Street Pizzeria
Recokvick Exporters

0 2 4 6 8 10 12 14 16 18 20 22 24 26

VALPAK INSIGHT

Valpak have generated a fictional Retailer, filled with generic products and suppliers to show you the possibilities of the Insight Platform. Whilst the elements of the data set have been invented this helps to visualise the Insight Platform for homeware and clothing retailers as well as show the power of the tool.

READ MORE →   **1** 2 3

How is the tonnage split between locations?

XL

	SupermarketStore3					SupermarketStore1					Supermark etStore2
Supplier Name	Purchase Volume	Active Products	Total Tonnage	Total Tonnage %	Total Obligated Tonnage	Total Obligated Tonnage %	Purchase Volume	Active Products	Total Tonnage	Total Tonnage %	Total Obligated Tonnage	Total Obligated Tonnage %	Purchase Volume
Branded Products Ltd	190,772	8	7.01	7.98%	0.89929	2.78%	196,829	8	8.10	9.22%	1.06637	3.29%	18
Electronic Imports	25,977	1	6.42	7.31%	5.56854	17.20%	29,785	1	7.37	8.38%	7.32079	22.61%	1
Classic Food Products Ltd	268,444	10	5.15	5.85%	1.03796	3.21%	219,086	10	4.35	4.95%	0.66069	2.04%	24
Life Electricals Ltd	24,911	1	2.80	3.19%	3.70605	11.45%	11,414	1	1.28	1.46%	0.77803	2.40%	2
Tie In Products	45,488	1	2.27	2.58%	0.64836	2.00%	35,671	1	1.78	2.03%	0.39870	1.23%	2
Logo'D Produce	95,018	4	1.38	1.57%	0.23602	0.73%	101,565	4	1.26	1.43%	0.26148	0.81%	8
Tradtional Produce	30,931	2	0.75	0.86%	0.09621	0.30%	41,410	2	1.01	1.15%	0.17295	0.53%	3
Classic Food Ltd	113,061	5	0.85	0.96%	0.16899	0.52%	117,986	5	0.89	1.01%	0.15179	0.47%	2

Summary

Our industry is in a state of transition
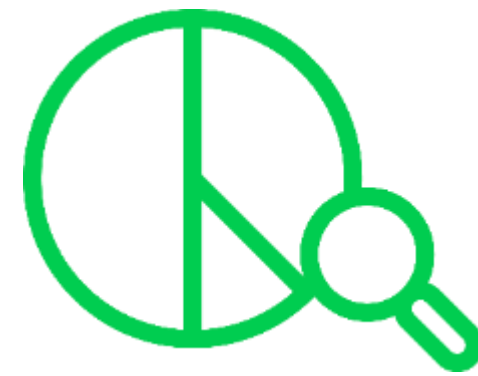
Gathering good quality data can be challenging

Visibility & transparency are key

Investing in supplier relationships is crucial

Businesses embracing sustainability are seeing the benefits

Take action

Thank you! Any questions?

Duncan Simpson

Business Development Director

Duncan.Simpson@Valpak.co.uk

Mobile – 07967 451648