


Getting More Out of FIS
APSE's Fleet Information System

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Fleet Information System (FIS)

The fleet information system was developed by the Transport APSE working group in 2001 and was introduced 2002 2003 (year 5)

This was developed to enable operations to enter all their data in a uniformed consistent manner and aid data checking at APSE before querying data that fell outside parameters.

The decision was also made that data could continue to be submitted by the 'data template' (M File) where operations would have to do all their workings outside the submission spread sheet




Data Submission Templates

There is a choice of three different data templates for the transport benchmarking services.

- 1.The Fleet Information System (FIS).
- 2.The Transport Operations and Vehicle Maintenance template (M-0000.xls).
- 3.The Transport Operations template (T-0000.xls).

You only need to complete one template.



Comparators

- Equivalent - Employee, Fleet
- Direction of Travel
- Rates per Hour, Parts on Cost
- Downtime
- Groups, Types, Categories
- KPI's v PI's

Leads to Meaningful Benchmarking

Weightings

- Allow you to compare expenditure on different vehicle types
- A quick and easy way to look at workloads
- Have the ability to take account of diversity across fleets

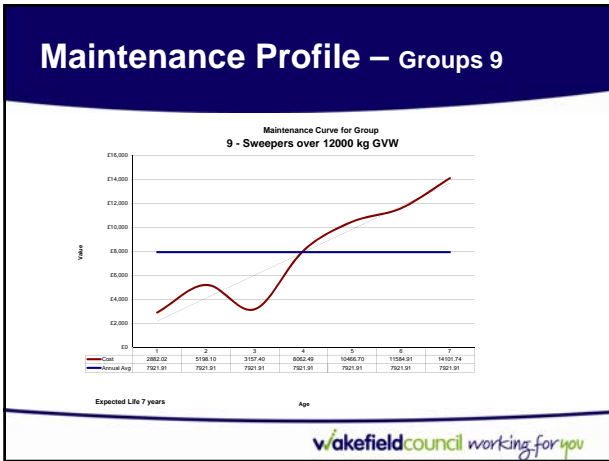
Weighting Examples

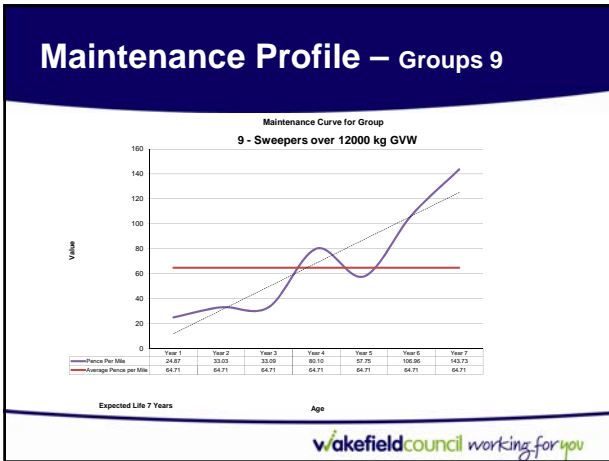
Maintenance Weighting (includes Labour and Parts and relates to cost)

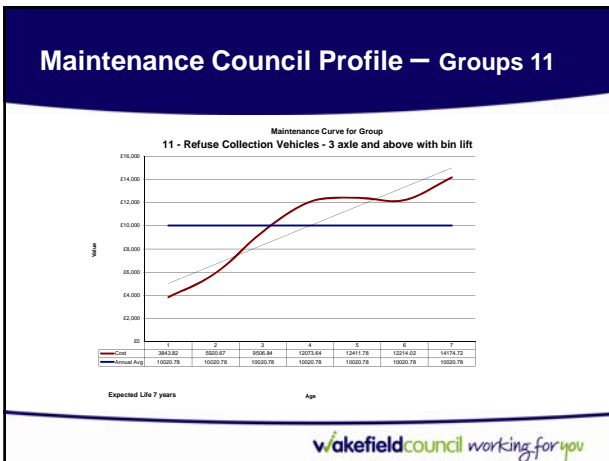
- Refuse Vehicle 'Group 11 – weighting of 16.5
 - Equates to a expected maintenance cost £13,500 per year
- Car Derived Van 'Group 1 – weighting of 1
 - Equates to a expected maintenance cost £800 per year

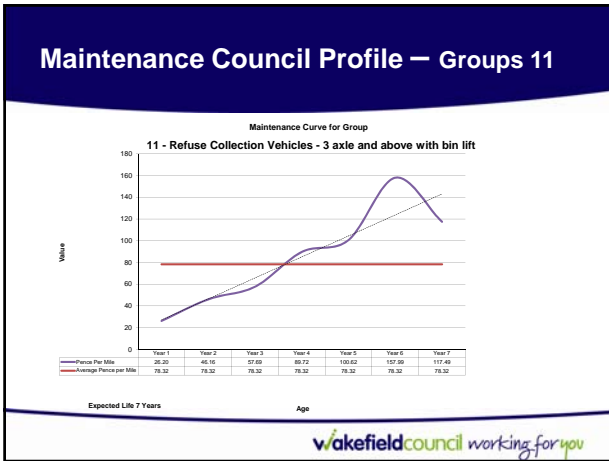
Workload Weighting (labour only and relates to time)

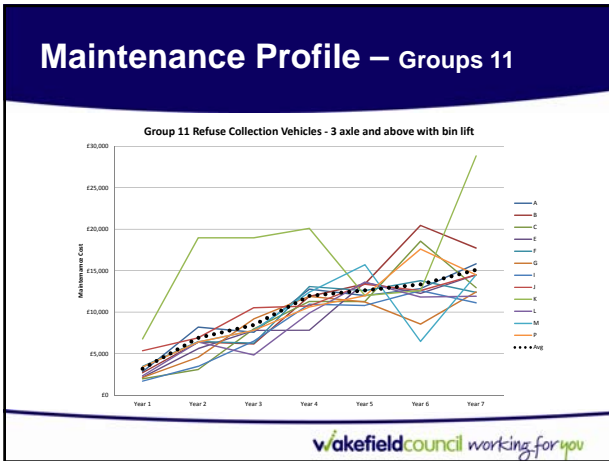
- Refuse Vehicle – labour weighting of 10
 - Equates to a expected maintenance over life of vehicle of 207.20 Hrs. a year
- Car Derived Van - labour weighting of 1
 - Equates to a expected maintenance over life of vehicle of 20.72 Hrs. a year











Equivalent – Labour - FTE

Employee Full Time Equivalents

Team	Weekly Hours	Count of Equivs	Sum of Equivs
Administration	30.00	1	0.81
Administration	34.00	1	0.92
Administration Total	37.00	14	14.94
Apprentices	37.00	3	2.65
Apprentices Total	37.00	3	2.65
Enforcement	37.00	4	3.99
Enforcement Total	37.00	4	3.99
Fuel	37.00	1	1.00
Fuel Total	37.00	1	1.00
Hire	37.00	1	1.00
Hire Total	37.00	1	1.00
Maintenance	37.00	21	19.92
Maintenance	40.00	14	15.09
Maintenance Total	77.00	35	35.02
Passenger Transport	19.00	4	1.71
Passenger Transport	27.00	1	0.73
Passenger Transport	37.00	20	17.74
Passenger Transport Total	83.00	25	20.17
Grand Total	297.00	85	79.68

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Other Data

Asset Group	Make / Chassis	Units	Market Share
1 Cars and car derived vans up to 1700 GVW	Ford	256	26.55%
	Vauxhall	268	24.54%
	Citroen	244	19.27%
	Renault	113	7.81%
	Fiat	62	4.91%
	Daewoo	42	2.79%
2 Vans between 1701 and 3500 kg GVW	Ford	1291	60.47%
	LDV	279	8.16%
	Citroen	198	6.58%
	Renault	181	6.23%
3 Trucks & Tipper up to 3500 kg GVW	Ford	352	59.50%
	LDV	188	18.34%
	Hercu	155	15.09%
	Renault	67	5.46%
	Citroen	25	2.37%
4 Sweepers over 12000 kg GVW	DAF	39	46.40%
	Merco	17	22.59%
	Manitex	10	13.16%
	Volvo	7	9.23%
	Unimog	2	2.53%
5 Refuse Collection Vehicles - 3 axle and above with 16	Domus Eagle	12	37.43%
	Manitex	32	23.70%
	Scania Atkinson	29	20.36%
	DAF	27	6.97%
	Volvo	24	6.17%
	MAN	13	5.26%

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In Conclusion

Submitting The fleet information template can result in developing tools to assist transport operations in

- Illustrating Maintenance trends
- Justifying Replacement programs
- Aids in budget preparation for users
- Better information to benchmark against both ourselves and the private sector
- Confidence in the output data
- Procurement Evaluation

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Questions / Discussion

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