



















## Science of Asset Management

## Enterprise Asset Management:

- the business processes and enabling information systems that support management of an organisation's assets, both physical (such as buildings, equipment, infrastructure etc) and non-physical such as:
- IT asset management the set of business practices that join financial, contractual and inventory functions to support life cycle management and strategic decision making for the IT environment. This is also one of the processes defined within IT Service Management.
- Digital asset management A form of electronic media content management that includes digital assets.





























Waste 1	nix by W	aste Stre	am					
Туре	NSW %	Vic %	Qld %	WA %	SA %	Tas %	ACT %	NT %
MSW	31	36	43	26	36	57	43	43
C&I	42	24	14	17	19	33	42	14
C&D	27	40	43	57	45	10	15	43

Vaste mix by Waste Type			
Naste Mix	MWS %	C&I %	C&D %
Food	26	6	-
Paper/paperboard	26	55	3
Gardens	10	3	2
Nood/woodwaste	2	14	6
Textile	4	2	-
Sludge	-	3	-
Nappies	6	-	-
Rubber/Leather	-	1	-
Concrete/Metal/Plastic/Glass	26	16	89









- empower uses of this capability to analyse operational data and information within the context of holistic, predictive, scenario and comparative (or benchmark) modelling to develop informed or knowledgeable solutions with respect to systems of assets down to, and inclusive of specific assets within the system.
- Strategic asset Management also provides the confidence necessary to invest and implement structured change to asset use, operation and maintenance.



	( ))	
MyClata Parmium - [Inidges & Jettier]		
9. (a. 17 18 4 13 or 200 1 b 1	N + W > Templete	48
Amont Register	New: New York 23 (2) (331)	100
Category: Bridges & Jettes	2ne 34 Caret Cate	my Data
Search (2)	( here a finite line of the li	
Difere dedied and results	Diversory [Develops   Attracts   Gentler   Galation   Discherts   Patte   Hat Revigenent   Associate Associate   Control   Hat Review   Hat Review   Kat Review   Control   Hat Review   Kat Review   Control   Hat Review   Kat	
Distance & better	Rectaulty 2 Di Danite 1 Di Antoine Di Chalennes Di	
10 10 fans Hery - 21	utiladen an fafte 3 an fautale Armen an falge factor 4 an	
# p Inst they - 22	Cardon An Julia	
In the way - 25	00: DE	
Gessages Stock Underpass (DHL2	Sager Structure Govellan Science 4 Sager Structure Gavellan Science	
Moores Statt Undergess 2,713-477 Bubcan River Bridge (212-02)	hale Structure Carelitate Solars 8	
Rubicon River Plead Opening (D+2.	Ad Control Size 3 CE Ad Control Size	
in the mark of the second seco	Sarbar Cavilian Same 4 DC Sarbar Cavilian Same	
in all fant Hery - 25	105.42	
ill gat bass here - 42		
in all lines may a st	Rate: Steve Faff	
+ p fammer 12	Facewoodd Active Real Tolerand Cast	
ili (j) Base muy - 54		
in the fact have all	Lovers.	
in a Rass Ney - M.		
Bass Play - 71		
ill and Base Play - 26		
a de las nog - N		
Anist Segutor		
Viol Hangement		
Annual Management		













		,			
			)		
		I	i	i	1
Treatment	Annual Scope 1	Annual Scope 2	Annual Scope 2	Annual Energy	Annual Energy Produced (1)
	(t)	(t)	(t)	consumption (3)	110000000 (3)
Do Nothing	1.05	1.05	1	1.05	1
Maintenance	1	1	1	1	1
Enhancement	0.95	0.95	1	0.95	1
Renewal	0.75	0.75	1	0.75	1
	0.5	0.5	0.95	0.5	1

	Strategie inspet intanagement							
<u> </u>	Very Treatment of car car car							
Year	Deseller	S1e	S2e	S3e	E consump	E prod		
	Baseline	25.000	10.000	2.000	8000.000	0.000		
1	nothing	26.250	10.500	2.000	8400.000	0.000		
2	maint	26.250	10.500	2.000	8400.000	0.000		
3	nothing	27.563	11.025	2.000	8820.000	0.000		
4	Enhancement	26.18438	10.47375	2	8379	0		
5	nothing	27.49359	10.99744	2	8797.95	0		
6	maint	27.49359	10.99744	2	8797.95	0		
7	nothing	28.86827	11.54731	2	9237.8475	0		
8	Renew	21.65121	8.660482	2	6928.3856	0		
9	nothing	22.73377	9.093506	2	7274.8049	0		
10	maint	22.73377	9.093506	2	7274.8049	0		
11	nothing	23.87045	9.548181	2	7638,5452	0		
12	enhancement	22.67693	9.070772	2	7256.6179	0		
13	nothing	23.81078	9.524311	2	7619.4488	0		
14	maint	23.81078	9.524311	2	7619.4488	0		
15	nothing	25.00132	10.00053	2	8000.4212	0		
16	replace	12 50066	5 000263	19	4000 2106	0		
10	Net Improve	12.499	5.000	0.100	3999.789	0.000		























