

Building the Vision

**A Tool for Crafting the Vision
For Sustainable Waste
Management**

by

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Building the Vision

A Tool for Crafting the Vision For Sustainable Waste Management

- ✓ Establishing the target
- ✓ The Challenge for Local Government
- ✓ Identifying the Options
- ✓ Establishing Council Preferences
- ✓ Considering the Options
- ✓ Testing the Market



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Municipal Waste in Metropolitan Sydney

	Waste Generated (mtpa)	Resources Recovered (mtpa)	Waste to Disposal (mtpa)
1998	1.80	0.45	1.35
2002	1.80	0.46	1.34
2004	1.94	0.78	1.16



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The Target for Resource Recovery from Municipal Waste in Metropolitan Sydney

Current waste generation	1.94 mtpa
Resource recovery – current	0.78 mtpa
Resource recovery rate – current	39%
Resource recovery rate – 2014	66%
Resource recovery – 2014	1.28 mtpa
The gap	0.50 mtpa

(at current waste generation rates!)



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But What Could the Municipal Gap Become?

Waste generation 2002	1.80 mtpa
Waste generation 2004	1.94 mtpa
Rate of increase in generation	0.07 mtpa

- The gap by 2014 – 0% growth **0.50 mtpa ?**
- The gap by 2014 –20% growth **0.65 mtpa ?**
- The gap by 2014 – 50% growth **0.85 mtpa ?**
- The gap by 2014 – current growth **1.20 mtpa ?**



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The Challenge for Local Government

- ✓ Encourage waste avoidance
- ✓ Pursue greater capture of recyclables
- ✓ Implement separate collection of garden waste
- ✓ Include food waste with garden waste
- ✓ Target hard waste collections
- ✓ Collaborate with industry on EPR initiatives
- ✓ Despatch residual waste to AWT waste processing facilities



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Timing

**Cost
Containment**

**Resource
Recovery
Achieved**

**Establishing
Council
Preferences**

**Commercial
Advantage**

**Resource
Value Realised**

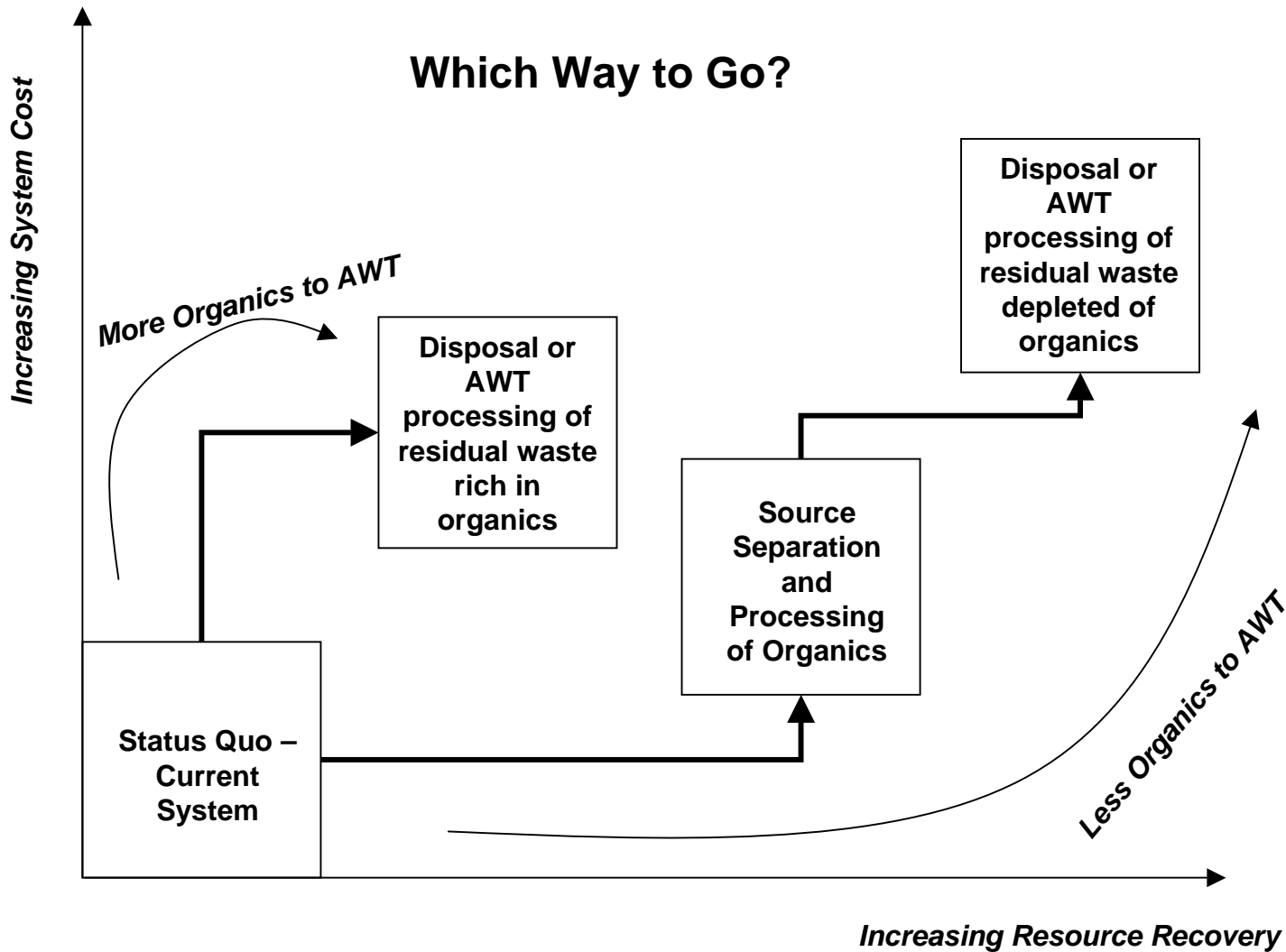
**Technology &
Planning
Issues**

**Community
Acceptance &
Convenience**



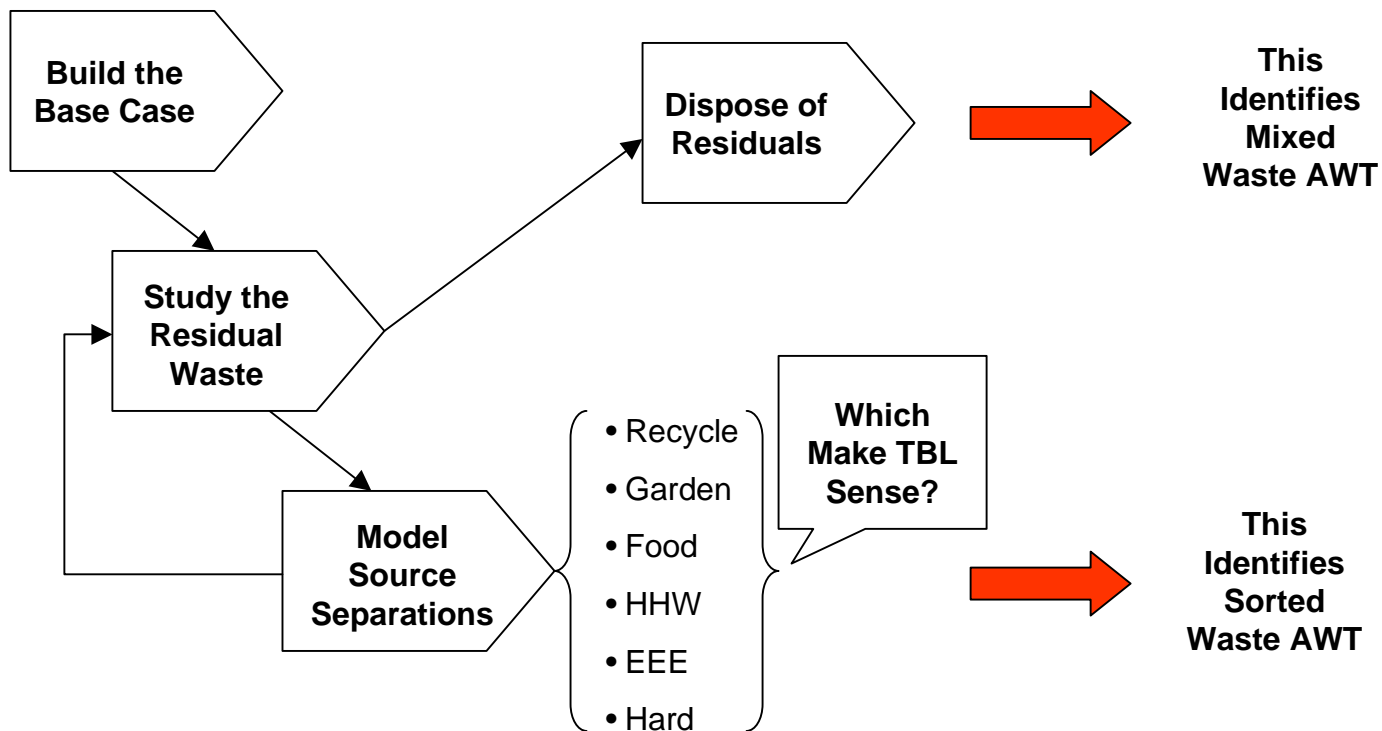
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Which Way to Go?



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Modelling the Options



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**The best answer for each
Council will depend on
Council preferences and
circumstances**



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**Now you can
go to the
market!**



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