Infrastructure BUsiness models, valuation and Innovation for Local Delivery

*Complexity, Systems Thinking and the Development of New Business Models to Support Investment in Municipal Solid Waste Infrastructure*

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**Future Business Models for Solid Waste**

Complicated  
Complex

Socio-Technical Infrastructure Systems
Future Business Models for Solid Waste

Systems thinking: habits, tools and concepts to develop an understanding of the interdependent structures of dynamic systems


Diagram Showing the Location of the Smithfield Development
Future Business Models for Solid Waste

The Business Model Development Process

(The entrepreneur’s business model: toward a unified perspective, Morris et al, 2005)

Defining the Business


Future Business Models for Solid Waste
Future Business Models for Solid Waste

Diagram Showing Document Search Methodology

Diagram Showing Schema for System Data Integration
(CORE by Vitech Corporation: www.vitechcorp.com)

Future Business Models for Solid Waste

Identifying Infrastructure Dependencies and Value Capture Opportunities
Diagram Showing the Four Extreme but Plausible Futures
Future Business Models for Solid Waste

Summary

- Alternative business models that maximise value capture
- Dependencies as potential sources of value
- Adopting habits of the systems thinker
- Generic business model building process
- Defining the business using soft systems methodology
- Modelling existing ‘complicated’ system
- Much more to be done on the ‘complex’ system aspects
If you have been …

Thank you for listening