

Developing & implementing effective WASTEMANAGEMENT Strategies & Practices

Ne

25 & 26 March 2003, Crowne Plaza, Auckland

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Day One – 25th March

- 9:00 **Opening remarks from the Chair**
- 9:10 **Overview of high priority waste disposal problems in NZ** 12:50
 • Prioritising key waste disposal issues for NZ councils and businesses
 • Lessons from overseas trends in waste management practices
 • What are the high priority waste issues in NZ
 • Incentives for waste management and recycling
 • Taking new steps to address high priority wastes
 • Progress on the sustainable industry group – enhancing competitiveness and improving environmental performance
Chris Purchas, Analyst, Ministry for the Environment 1:50
- 10:00 **Assessing the key goals of the waste strategy – identifying obstacles to the implementation of the waste management strategy targets**
 • Reviewing the key components of the strategy
 • What are the key requirements and time lines for councils
 • Assessing each of the key targets and potential implementation issues
 • Adapting targets to your organisations environment – taking a regional and national view
 • Implications for business in the short and long term
 • Integrating key objectives into short term plans and LTCCP's
 • Getting the community onside
 • Funding new initiatives
Ket Bradshaw, Manager, Pollution and Waste Group, Ministry for the Environment
- 10:50 Morning Tea
- 11:10 **Developing national financial and economic incentives for recycling and resource recovery** 2:50
Warren Snow has worked and presented papers on waste management, recycling and sustainable development in the UK, USA, Asia, Australia, Canada, and NZ. In addition to being a founding member of the Zero Waste Trust he is a past national secretary of RONZ, a founding manager of the Tindall Foundation and has co authored books on recycling and zero waste. Warren is currently working with Zero Waste Advocates around the world to set up an international zero waste alliance.
 • The need for national financial and economic incentives in NZ
 - advance disposal fees
 - container deposits
 - product landfill bans
 - landfill levies
 - industry stewardship agreements
 • User pays issues with ratepayers
 • Identifying critical gaps in the supply of waste and resource recovery services in NZ
 • Designing better logistics for material flows to achieve massive and rapid waste reduction outcomes
 • Examining the government's waste strategy – the process of creating it and will it work?
 • Are current waste industry practices compatible with the goals of the government's waste strategy?
Warren Snow, Manager, Envision NZ, a founder of the Zero Waste Trust, Member, The Government's Waste Working Party
- 12:00 **Implications of a Full Cost Pricing implementation for waste management**
Linking the cost of waste processing to the generator of the waste, factoring in profit driven process streams and viewing waste as a resource are critical issues. This session will look at:
 • Moving to full cost pricing – examining the true cost of waste storage and processing
 • Determining which waste streams can be viewed as a resource, factoring in the cost of collection, recycling, transport
 • Hidden costs of waste management – legal costs, marketing, overheads, processing of documentation, measurement and evaluation
 • Setting up full cost pricing to provide better quality information

to waste management business or partners working with local government
Tony Kortegast, Director of Environmental Engineering, Tonkin & Taylor

Lunch

Panel Discussion – Examining the practical impact of the waste strategy on business, local government and the community

- What are the options for councils looking to develop incentives for new waste recycling programmes
- Moving from waste disposal to waste processing
- Assessing the costs of implementing the waste strategy to local government
- Are the targets achievable?
- Impact of a move to full cost pricing on businesses
- Examining the range of readiness of different councils across NZ
- Assessing the resources needed in the long term to maintain momentum to deliver on strategic goals
- The need for an integrated approach – defining standards for the effective waste management – how do we define it
- Accounting for variances between the needs of regional, rural and city councils

Tony Kortegast, Director of Environmental Engineering, Tonkin & Taylor
Chris Purchas, Analyst, Ministry for the Environment
Warren Snow, Manager, Envision NZ, a founder of the Zero Waste Trust, Member,
The Government's Waste Working Party
Robert Brodnax, Programme Manager, Policy Development, Environment Waikato
Simon Berry, Partner, Minter Ellison Rudd Watts

Enabling legislation – examining the legal and enforcement options for councils in the long term for regulating new waste management initiatives

Assessing whether there is enough legal backing for councils to press forward with new initiatives and ensure compliance with zero waste and waste minimisation projects.

- Examining the legislative landscape and options for councils under
 - The RMA and consents process
 - The Kyoto accord
 - Local Government Bill
 - Will councils need more legislative backing to enforce better waste management practices
 - Changing district and regional plans to account for new waste initiatives
 - Driving change through environmental laws
 - Combining incentives with legislative or regulatory backing
 - Examples of legislative support given to overseas councils
- Simon Berry, Partner, Minter Ellison Rudd Watts**

Afternoon tea

Waikato / Bay of Plenty Case Study: Developing a centralised data network to coordinate waste measurement, monitoring and evaluation

- Examining a regional approach to collecting and managing waste information in a collaborative fashion
 - Examining the set up the Waikato Bay of Plenty Waste Data Network
 - Collaborating with the other territorial authorities
 - Identifying, collecting and reporting on the information required
 - Adapting to waste monitoring and evaluation protocols
 - Working with the Ministry of the Environment to ensure correct measurement standards are applied
 - Evaluating waste capacity - more accurately assessing baselines and resources needed to deliver on key targets
- Robert Brodnax, Programme Manager, Policy Development, Environment Waikato**

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practical tools to meet waste management targets

Contact Cliff Freeman on (09) 912 3618 or by email: cliff@conferenz.co.nz for further information about this event

"The Ministry for the Environment in collaboration with local government will put in place an agreed monitoring and evaluation system that is approved by government and the National Council of Local Government New Zealand by February 2003"
The Authority, Autumn 2001 Edition



12:00

30 Successfully measuring and monitoring current waste levels to set a baseline for key targets – adapting to new monitoring and evaluation requirements

12:50

- Examining implications of the monitoring and evaluation regime
 - The challenge and cost of accurately measuring and monitoring the type and volume of waste
 - Building and sharing a database of waste levels in your region
 - Assessing land fill sites – current and future demands on landfills, type of waste deposited and options for processing into useable products
 - Knowing the waste capacity of your community – how to evaluate and accurately estimate your waste volumes and hazards
 - Simplifying the classification at the collection point
- Kip Bodie, Analyst, Ministry for the Environment

1:50

:10 Close of Day One

Day Two – 26th March

:00 Opening remarks from the Chair

:10 Waste Minimisation case study - Auckland City Council
Jan Burbery, Senior Environmental Policy Analyst, Environmental Planning, Auckland City Council

2:30

0:00 Case Study: Using productive business and joint venture partnerships to turn waste disposal into waste processing and revenue

Transwaste Canterbury Ltd is a cooperative partnership between the Christchurch, Waimakiriri, Selwyn, Banks Peninsula, Hurunui and Ashburton councils and a commercial partnership with Waste Management New Zealand Ltd and Enviro Waste Services Ltd. This session will show how this partnership is taking a more strategic approach to waste management and waste disposal.

- Develop a partnership with regional groups to develop an effective regional strategy for waste management
 - Managing a public and private sector partnership to improve waste outcomes for the region and community
 - The advantage of working with specialist business groups to develop a joint venture approach to waste management and waste minimisation
 - Developing a holistic strategy for waste management and waste disposal
 - Targeting new initiatives – assessing the return on investment in new programmes
 - Explaining the cost savings to businesses and residents
 - Encouraging new behaviours in the region
- Denis O'Rourke, Councillor, Christchurch City Council, Chairman, Transwaste Canterbury

3:10

0:50 Morning tea

1:10 Towards Zero Waste: Case studies from the New Zealand Business Council for Sustainable Development

This session will draw upon examples of actual case studies being applied in NZ business

- Making the business case for Zero Waste
- Examining the five keys to Zero Waste in action
 - 1) Take direct action
 - 2) Change the rules
 - 3) Foster new ideas
 - 4) Communicate and educate
 - 5) Monitor and feedback

4:10



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- Assessing the business opportunities from resource recovery
Dr Rodger Spiller, Chief Consultant,
New Zealand Business Council for Sustainable Development

Case Study: Auckland Regional Council – "The Big Clean Up" goes national on waste
Jo Brosnahan, Chief Executive, Auckland Regional Council

Lunch

"Nationwide, 50 stores out of 74 no longer have landfill skips. The goal used to be zero waste at all Warehouse sites by the end of 2015. This has changed to zero waste by the end of this year, says Morley-Hall"
New Zealand Environment Article 30 November 2001



The impact of the waste strategy on business practices in waste management

- How the waste strategy affected our approach to waste and landfill management
 - Comparing our approach before and after the strategy
 - Outlook for the next 3 years
 - Is zero waste achievable?
 - Summarising more recent developments and successes in waste processing, waste minimisation and management
 - Advantages to our business, profile and bottom line
 - Piloting new programmes – working with councils – assessing future outcomes and plans for future developments
- Speaker to be confirmed

A strategic tool for developing and prioritising your Zero Waste implementation plan

- Implementing a successful waste minimisation strategy - Coordinating council and private sector resources to deliver better community outcomes
 - SMF (Sustainable Management Fund) project titled "Zero Waste Strategy for Councils"
 - Setting agreed targets for waste minimisation
 - Driving a zero waste policy through the community - working closely with the councils, business and the community to encourage minimum waste
 - How using links to life cycle analysis tools can help in waste minimisation
 - Finding alternative markets and uses for generated waste products
 - The impact on council costs and charges and waste management sites
- David Kettle, Sustainable Engineering Specialist, Meritec Ltd
Duncan Wilson, Manager, Waste Not Limited

Afternoon tea

Assessing the sustainability of the models being used around NZ to manage and minimise waste more efficiently

- Common mistakes when embarking on waste minimisation strategies
 - Trends in the long term of recycling and waste reduction initiatives
 - Accounting for triple bottom line reporting as part of a sustained approach to delivering better outcomes for the community – accounting for the long term impact on social, environmental, financial and cultural aspects of the community
- Professor Ron McDowall, Director ICSEER,
University of Auckland

Close of the conference

"The strategy contains tough targets for local authorities and businesses. Responsibility for costs is laid clearly at the feet of the waste producers"

NZ Herald Article, 4th March 2002