

# Program

Monday 5 May 2008

Enviro Leader's Summit: Day 1					
8:30am	<b>Opening</b> John Batman Theatre	<b>Welcome</b> <b>Welcome to Country</b> <b>Official Opening</b> <b>Australian Keynote: Sustainability &amp; Climate Change</b> <b>International Keynote: Sustainability &amp; Climate Change</b>	Max Spedding, Conference Chair Aunty Diane Kerr, Senior Elder of the Wurundjeri The Hon. Gavin Jennings, Minister for Environment, Climate Change & Innovation Prof Ian Lowe, President, Australian Conservation Foundation Rod Oram NZ, Commentator NZ		
10:00am	<b>Morning Tea – Exhibition Hall</b>				
11:00am	<b>Introduction</b> John Batman Theatre	<b>Building Sustainable Cities</b> <b>Sustainability through Innovation</b> <b>Funding Sustainable Infrastructure/Technology</b> <b>Developing Corporate Social Responsibility</b>	Prof Peter Newman, Curtin University Jason Clarke, Minds at Work Gavin Murray, Head of Sustainability – ANZ Dr Kerry Schott, Managing Director – Sydney Water		
12:30pm	<b>Lunch – Exhibition Hall</b>				
1:30pm	<b>Breakouts</b>	<b>Energy / Climate – Corryong 1-3</b> Chair: Fiona Wain Environment Business Australia  <b>EC01: Clean Energy</b> Sarah Jones & Rob Jackson, Clean Energy Council <b>EC02: What Can Local Governments Offer?</b> Wayne Wescott, ICLEI <b>EC03: Clean Coal Technologies</b> Tony Maher, CFMEU	<b>Water - You Yangs 4-5</b> Chair: Tom Mollenkopf Australian Water Association  <b>WA01: An Overview of Australia's Water Challenges</b> Dr Tom Hatton, CSIRO <b>WA02: Progress in National Water Reform</b> Ken Matthews, National Water Commission <b>WA03: Current Challenges in the Water Industry</b> Cheryl Batagol, Melbourne Water	<b>Waste &amp; Resource Recovery – You Yangs 1-2</b> Chair: Dick Gross Metropolitan Waste Management Group  <b>WR01: Extended Producer Responsibility</b> John Gertsakis, Product Stewardship Australia <b>WR02: Energy from Waste</b> Ken Kanofski, WSN Environmental Solutions <b>WR03: Carbon as a Resource</b> Joe Herbertson, Crucible Carbon	<b>Sustainable Cities – Corryong 4-5</b> Chair: Kathy Willoughby Green Building Council Australia  <b>SC01: Green Building</b> Darren Bilsborough, Parsons Brinckerhoff Australia <b>SC02: Building Better Cities</b> Tony Wood, Member of the Committee for Melbourne <b>SC03: How Far Are We From Being Sustainable?</b> Chris Wallbank, Jones Lang LaSalle
3:00pm	<b>Afternoon Tea – Exhibition Hall</b>				
4:00pm	<b>Communiqué</b> John Batman Theatre	Facilitated by: Peter Shmigel, Parker & Partners Panel: Rod Oram, Jason Clarke, Fiona Wain, Tom Mollenkopf, Dick Gross & David Craven Delegate voting on priorities			
6:00pm	<b>Exhibition Opening – Exhibition Hall (see map on page 4)</b>				

Tuesday 6 May 2008

Conference: Day 2					
8.30am	<b>Water</b> Plenary – Corryong 1-3 Chair: Tom Mollenkopf Australian Water Association  <b>WA05: Keynote Presentation: Sustainable Water Management in the 21st Century: New Challenges and New Opportunities</b> Dr Peter Gleich, Pacific Institute (USA) <b>WA06: Keynote Presentation: Restorative Water Systems: Making a New Paradigm Real</b> Cynthia Mitchell, University of Technology Sydney <b>WA07: Keynote Presentation: Water Forever – A Western Australian Perspective</b> Sue Murphy, Water Corporation	<b>Innovation</b> Plenary – You Yangs 1-2 Chair: Faye Schmidt Innovation @ 257  <b>OT01: What is Innovation?</b> Jason Clarke, Minds at Work <b>OT02: Sleeping at the Wheel – Why Businesses That Don't Innovate are a Train Wreck Waiting to Happen</b> Marcus Barber, Looking Up Feeling Good Pty Ltd <b>OT03: How to Innovate – the Importance of Collaboration and Interaction</b> Grant Kearney, IXC Australia (Innovation Xchange)	<b>Sustainable Cities</b>	<b>Waste &amp; Resource Recovery</b> Plenary – La Trobe Theatre Chair: Val Southam Waste Management Association of Australia  <b>WR05: Keynote Presentation: Waste Management and Resource Recovery in Europe</b> Kevin Hurst, Veolia (UK) <b>WR06: Keynote Presentation: Extended Producer Responsibility in the US</b> Garth Hickle, Minnesota Pollution Control Agency (USA) <b>WR07: Keynote Presentation: Market Based Instruments</b> David Perchard, Perchards (UK)	<b>Water Operators</b>

10.00am	<b>Morning Tea – Exhibition Hall</b>						
11.00am	<b>Planning Holistically for Sustainable Water Management – Corryong 1-2</b> Chair: Chris Davis UTS  <i>WA09: Murray Darling Basin: Political Surge in 'Worst Drought in 100 Years'</i> Pam Allan, Graduate School of Environment, Macquarie University <i>WA10: The Economics of Water Management and Climate Change in Arid Regions</i> Stuart Cassie, Worley Parsons <i>WA11: Water and Land Use Change in South-West Victoria: the Role of Land Use and Water Resource Planning</i> Craig Clifton, Sinclair Knight Merz <i>WA12: Contaminant Management and Stream Protection – Source Control Challenges for the Northern Strategic Growth Area</i> Sioban Hartwell, URS NZ – Engineering & Environmental Management	<b>Managing Demand – Practices and Programs – You Yangs 1-2</b> Chair: Corinne Cheeseman AWA  <i>WA13: Recognising Future Challenges in Managing Water Demands in Australia</i> Russell Beatty, MWH <i>WA14: City West Water's Showerhead Exchange Program, a Success for Water Conservation</i> Jasmine Hoye, Ipsos Australia & City West Water <i>WA15: Yarra Valley Water/Ipsos 2007 Water Appliance and Usage Behaviour Survey – an Innovative Approach</i> Jasmine Hoye, Ipsos Australia and Yarra Valley Water <i>WA16: Beyond Water Restrictions - Water Conservation Initiatives at South East Water</i> Bridget Wetherall, South East Water	<b>Nanotechnology and the Environment Corryong 5</b> Chair: Robin Owen DIIRD  <i>OT05: What is Nanotechnology and How it Impacts on Climate Change</i> Dr Peter Binks, NANOVIC <i>OT06: Case Studies of Current Research of Applied Nanotechnologies in the Environmental Sector</i> Dr Sarah Morgan, ENVISAGE NS <i>OT07: Nanotechnology and Water</i> John Poon, CH2M Hill Australia	<b>Sustainable Cities Introduction Corryong 3</b> Chair: Mark Pascoe International Water Centre  <i>SC09: Keynote Presentation: The Imperative for a Sustainable Design Philosophy</i> Michael McAllum, Global Foresight Network <i>SC11: Integrated Sustainable Approach for Design of 'Sustainable Cities' – Case Studies in Western Australia</i> Dr Kathy Meney, Syrnix Environmental <i>SC12: Towards Sustainable Cities: an Exploration of the Potential Implementation of the Växjö Model of Sustainability in Wodonga, Victoria</i> Christy Arnott, Ipsos	<b>Addressing the Carbon Challenge You Yangs 3</b> Chair: Jenny Pickles Packaging Stewardship Forum  <i>WR09: Sustainable Consumption: Australia's Biggest Challenge</i> Peter Allan, Hyder Consulting <i>WR10: Towards Sustainable Packaging in Australia</i> Russ Martin, MS2 and Gavin Williams, PCA <i>WR11: Delivering Real Greenhouse Gas Reductions</i> Mike Ritchie, SITA Environmental Solutions <i>WR12: Sustainable Business – Resource Smart Ways to Manage the Transition to a Carbon Constrained Economy</i> Leigh Bernoth, Sustainability Victoria	<b>Sustainable Resource Recovery You Yangs 4-5</b> Chair: Ian Coles, Urban Sustainability Strategies  <i>WR13: Session Introduction</i> Nick Harford, Visy Recycling <i>WR14: Waste Infrastructure Development in Melbourne – Making it Work</i> Rob Millard, Metropolitan Waste Management Group <i>WR15: Cost Benefit Analysis and the Increasing Importance of Economic Assessment in Waste Management</i> David Gamble, GHD <i>WR16: Gippsland Regional Waste Infrastructure Study</i> Ian Clarke, Maunsell	<b>Water Operators I Corryong 4</b> Chair: Cheryl Marvell Sydney Water Corporation  <i>WA17: Winner of the AWA Best Operator Paper NSW 2007: Operation of a High Speed Centrifuge and Optimisation of Sludge Condition using Dual Polymers</i> John Young, Sydney Water <i>WA18: Innovative Reuse of Powered Activated Carbon Process Sediment at the Denmark Water Treatment Plant</i> Luke Zappia, Water Corporation of WA <i>WA19: Wastewater Enhanced &amp; Odour Control – the Unexpected Benefits</i> Colin Stanger, Calloppo Shire Council <i>WA20: Improving Sludge Management System Performance - Lades Shute Advanced Water Treatment Plant</i> Sandy Brinkmann, Aquagen Water & Renewable Energy
12.30pm	<b>Lunch – Exhibition Hall</b>						
1.30pm	<b>Planning Holistically for Sustainable Water Management – Corryong 1-2</b> Chair: Clare Porter AWA  <i>WA21: Developing a Sustainability Oriented Culture</i> Alison Bradley, South East Water <i>WA22: Planning for Sustainability</i> Peter Fisher, Sydney Water <i>WA23: Application of Genetic Algorithm Optimization to Collection Systems for Sustainable Solutions</i> Tim Coleman, CH2M Hill <i>WA24: Change is the Constant: Adapting to Climate Variability and Anthropogenic Change in Water Resource Management</i> Craig Clifton, Sinclair Knight Merz	<b>Managing Demand – Practices and Programs – You Yang 1-2</b> Chair: Trish Dames AWA  <i>WA25: A New Outlook on Drought Demand Forecasting</i> Grant Gabriel, MWH Global <i>WA26: Role of Rainwater Tanks in Managing Demand During Droughts</i> Anirban Khastagir, RMIT University <i>WA27: Saving Water in Residential Gardens – Development of a New Outdoor Demand Management Program for East Coast Capitals</i> Harry Grynberg, URS <i>WA28: Nutrient and Moisture Economics in Diatomaceous Earth Amended Growth Media</i> Nicholas Sadgrove, Undergraduate Water Prize	<b>Commercialisation Corryong 5</b> Chair: Faye Schmidt Innovation @ 257  <i>OT09: An Introduction to the Commercialisation Process and Methods to Improve Effectiveness</i> Alex Blauensteiner, Australian Institute for Commercialisation <i>OT10: The Importance of the Export Market for Emerging Technologies</i> Peter Harrison, Austrade <i>OT11: Federal Government Support for Environmental Technologies</i> Dr Bronwyn Williams, Department of Innovation, Industry, Science and Research <i>OT12: Developing New Products and Manufacturing Processes for International Markets</i> John Baxter, Invetech Pty Ltd	<b>Urban Development Corryong 3</b>  <i>SC13: Building Capacity to Move Beyond Incremental Over-Capitalisation in Unsustainable Cities</i> Nicholas Fleming, Sinclair Knight Merz <i>SC14: Cradle to Grave: Full Life Cycle Assessments, Making Buildings Better</i> Philip Dalidakis, Victorian Association of Forest Industries <i>SC15: Aquatic Ecosystem Productivity</i> Peter Harrison, Austrade <i>SC16: Sustainable Community Rating</i> Martin Williams, VicUrban	<b>EPR – Where are we Going? You Yangs 3</b> Chair: Mark Glover EcoWaste  <i>WR17: Session Introduction</i> John Gertsakis, Product Stewardship Australia <i>WR18: The Way Forward in Sustainable Packaging</i> John Newton, AMCOR <i>WR19: The Push for Product Stewardship in Australia</i> Jan van de Graaff, Sustainability Victoria <i>WR20: Beyond Greenwash: Revising Product Environmental Labelling</i> Kel Dummett, Sustainability Victoria	<b>The Technology Challenge You Yangs 4-5</b> Chair: Dale Smart Thiess Services  <i>WR21: The Status Of Mechanical and Biological Treatment (MBT) in Europe</i> Monique Kallassy, Veolia Environmental Services <i>WR22: Anaerobic Digestion of MSW</i> Colin Sweet, Thiess Services <i>WR23: Chemical Contamination of AWT Organics – the 'AWTDORF Project'</i> Dr Ron Wainberg, Hyder Consulting <i>WR23: C&amp;I Waste Processing</i> Mathew Acton, Australian Bale Press Company	<b>Water Operators II Corryong 4</b> Chair: Phil de Groot United Utilities Australia  <i>WA29: Winner of the AWA Best Operator Paper SA 2007: United Water Leak Detection Service</i> Vince D'Addino, United Water International <i>WA30: Treatment of Difficult Ground Water for Sustainable Drinking Water Supply – Oxidation</i> Ashley Cripps, Veolia Water Services <i>WA31: Colours in the Recycled Water: How to Remove It?</i> Assoc Prof Linda Zou, Victoria University <i>WA32: Techniques to Avoid Problems with the Commissioning of Low Loaded Plants: Lessons Learnt from Priority Sewage Program</i> Susan Kitching, MWH
3.00pm	<b>Afternoon Tea – Exhibition Hall</b>						
4.00pm	<b>Planning Holistically for Sustainable Water Management – Corryong 1-2</b> Chair: Therese Flapper Clearwater Technology  <i>WA33: Vegetation and Water Yield</i> Josep Henry, Undergraduate Water Prize (ACT) <i>WA34: Accounting for Environmental Costs to Inform Strategic Decision-Making – Exploring Yarra Valley Water's Experience</i> Cynthia Mitchell, ISF & Yarra Valley Water <i>WA35: Climate Change and Urban Water Planning – A New Challenge</i> Bruce Rhodes, Melbourne Water <i>WA36: Voyage of Discovery: A New Software Tool for Water Resources Planning</i> Julian Briggs, CH2M HILL Australia	<b>Energy Solutions in the Water Industry You Yangs 1-2</b> Chair: Richard Stover, Energy Recovery  <i>WA37: The Perth Seawater Desalination Plant</i> Richard Stover, Energy Recovery <i>WA38: Carbon Footprints in Wastewater Treatment &amp; Water Reuse</i> Justin Watts, Hunter Water Australia <i>WA39: Desalination Efficiency: Energy, Water and Other Resources</i> Ish Hakim, GE Water & Process Technologies <i>WA40: A Water-Secure and Sustainable Australia: Providing Solar-Thermal Power and Desalination in WA</i> Peter Meurs, Worley Parsons	<b>Case Studies Corryong 5</b> Chair: Carole Bartholomew ATS  <i>OT13: Weather Station Technology Where You Need It</i> Mathew Probis, Environdata Australia Pty Ltd <i>OT14: Fuel Cells and Advanced Storage Facilities</i> David Peck, Eng-Com Pty Ltd <i>OT15: Environmental Monitoring</i> Michael Powell, Ecotech Pty Ltd <i>OT16: Water Recycling Technology</i> Jason Myers, EcoNova	<b>Energy/Climate Change Corryong 3</b>  <i>SC17: Business Sustainability in the Property Portfolio Management Sector</i> Mitchell Thompson <i>SC18: Sydney Water's Climate Change Strategy</i> Phil Woods, Sydney Water Corporation <i>SC19: Assessment of Sustainability Indicators for Renewable Energy Technologies</i> Annette Evans, Graduate School of the Environment, Macquarie University <i>SC20: Guidance for the Use of Recycled Water by Industry</i> Nicholas Milne, Victoria University	<b>EPR – Case Studies You Yangs 3</b> Chair: Nick Harford Visy Recycling  <i>WR25: Tyre Recycling in Australia – Current Developments</i> Dean Beckman, Sims Tyrecycle <i>WR26: Demonstrating the Business Case for Recovery of Glass in the Hospitality Sector</i> Jenny Pickles, Packaging Stewardship Forum <i>WR27: Innovation in Paint Recycling</i> Christine Cussen, Dulux <i>WR28: The ReNew Program</i> Greg Mulcahy, Moonee Valley City Council	<b>Tools, Ideas &amp; Valiant Attempts You Yangs 4-5</b> Chair: Dr Ron Wainberg Hyder Consulting  <i>WR29: The Benefits of Alliance Style Contracting for Governments and Business</i> Bindu Philip, Brisbane City Council <i>WR30: Performance Review of the Three Bin Municipal Waste System</i> Andrew Melville, City of Nedlands Bruce Bowman, Bowman and Associates <i>WR31: How to Achieve Better Recycling Recovery</i> Brendan Doherty, Southern Metropolitan Regional Council <i>WR32: Unit Pricing of Residential Waste Services in Melbourne</i> Joe Pickin, Hyder Consulting	<b>Water Operators III Corryong 4</b> Chair: Jim Pruss Queensland Bulk Water Supply Authority  <i>WA41: Winner of the AWA Best Engineer Paper NSW 2007: Managing Corrosion in Concrete Sewers</i> Steve Barclay, Sydney Water <i>WA42: How the Monsoon Season Affects the Operations of a Wastewater System</i> Graeme Dunstan, Cairns Water <i>WA43: Assessing the Effect of Anionic Surfactants on Nitrogen Removal in the Activated Sludge Process</i> Yi Jiao, RMIT University <i>WA44: Accounting for Greenhouse Gas Emissions in Wastewater Treatment: the Type of Model Employed Directly</i> Dr Katie Third, W2W Alliance, SKM
5.30pm	<b>Close</b>						
7.00pm	<b>Gala Dinner – Palladium Ballroom, Crown Entertainment Complex</b>						

Conference: Day 3							
7.00am	<b>Young Professionals Breakfast – Suite 1, Level 5, Melbourne Exhibition Centre</b> <b>Keynote Presentation: How do you prepare for a working life.....</b> Alan Preiss, McArthur Management Services						
8.30am	<b>Water</b> Moving Towards Sustainable Infrastructure – Coryong 1-2 Chair: Erin Cini, KBR WA45: <i>Back to the Future - Informing Future Urban Water Infrastructure Decisions with Learning from the Past</i> Tony Kelly, Yarra Valley Water WA46: <i>Gold Coast Water's Application of 'State of the Art' Asset Management Approaches in Delivering a Sustainable Water Future</i> Chris Owen, Gold Coast Water WA47: <i>Decentralised Water Systems – Creating Conducive Institutional Arrangements</i> Chris Davis, Institute for Sustainable Futures WA48: <i>Membrane Bioreactors, Townsville Leads the Way – Retrofitting Makes the Most of What You Have Got</i> Robert Lowther, GHD	The Future of Water Management is Here: Alternative Water Supplies – You Yangs 1-2 Chair: Grant Leslie, WSA WA49: <i>Recent Innovation and Potential Developments in Desalination and Membrane Technology</i> David Griffiths, Worley Parsons WA50: <i>Whole Effluent Toxicity Testing for Desalination Plant Discharges: Application for Plant Design and Ecosystem Protection</i> Jill Woodworth, Geotechnical Services WA51: <i>Municipal Water Reuse Using EDR Technology</i> Allan Clements, GE Water & Process Technologies WA52: <i>Rainwater Harvesting</i> Vinod Ramamurthy, Undergraduate Water Prize (WA)	<b>Facilitating Change</b> Plenary Coryong 4 Chair: Pat Armstrong, Pat Armstrong Consulting OT18: <i>Keynote Presentation: Corporate Social Responsibility</i> Prof Dexter Dunphy, School of Management, UTS OT19: <i>Keynote Presentation: Engaging Communities</i> Les Robinson, Social Change Media OT20: <i>Keynote Presentation: Facilitating Change</i> Colin Hocking, Victoria University & President of AÆE	<b>Sustainable Cities</b> Planning for Sustainability Coryong 3 Chair: Mark Pascoe, International WaterCentre SC21: <i>Keynote Presentation: Transitioning to the Water Sensitive City: The Sustainable Urban Water Challenge</i> Dr Rebekah Brown, Monash University SC22: <i>Beyond the Usual Pipe Dream: Alternative Water and Sewerage Servicing for Melbourne's Hume Growth Corridor</i> Brant Mitchell & Ricky Bligh, Yarra Valley Water SC23: <i>Managing the Water Crisis through Holistic Water Planning</i> Nicholas Schofield, SKM	<b>Waste &amp; Resource Recovery</b> Organics – Too Good to Waste You Yangs 3 Chair: Peter Wadewitz, Peats Soil & Garden Supplies WR33: <i>Organics – Looking Beyond Compost</i> Dr Adriana Downie, BEST Technologies Australia WR34: <i>Organics Resource Recovery – A Missed Greenhouse Opportunity for Local Government</i> Bill Grant, Sustainability Victoria WR35: <i>Compost Market &amp; Industry Development Officer Program</i> David Rako, DJR Environmental WR36: <i>Using Compost in Erosion Control</i> Ron Alexander, R. Alexander Associates, Inc (USA)	<b>Energy / Climate</b> Plenary – Coryong 5 Chair: Elisa de Wit, Deacons EC05: <i>Keynote Presentation: The Science of Climate Change after the IPCC's Fourth Assessment Report: What's the Latest?</i> Dr Chris Mitchell, Foundation Director, Centre for Australian Weather and Climate Research EC06: <i>Keynote Presentation: Global Action: Why Business and Government are Taking Action to Address Climate Change</i> Rupert Posner, Director Australia, The Climate Group EC07: <i>Keynote Presentation: Energy and Climate Change: How Do We Quickly Reverse The Emission Growth Trend?</i> Prof Alan Pears, RMIT University	
10.00am	<b>Morning Tea – Exhibition Hall</b>						
11.00am	<b>Moving Towards Sustainable Infrastructure – Coryong 1-3</b> Chair: Therese Flapper, Clearwater Technology WA53: <i>Twelve Months on: Reflections and Lessons Learnt on Embedding Sustainability into Major Infrastructure Projects</i> Susanne Cooper, SKM / W2Walliance WA54: <i>Sustainability of Urban Water Infrastructure Advanced by Quantifying Risk, Environmental Impacts and Community Costs</i> Francis Pammingar, Yarra Valley Water WA55: <i>Detour from Traditional Hydraulic Modelling Methodology to Improve Sustainable Management of Water Infrastructure</i> Ruth McDonnell, MWH Global & Peter Wilson, Wannon Region Water WA56: <i>Optimising Pipeline Design Through Whole System Design Process (Wsdp) Using Water Hammer (Wh) Analysis as an Analogy</i> Antony Sprigg, GHD	The Future of Water Management is Here: Alternative Water Supplies – You Yangs 1-2 Chair: Grant Leslie, WSA WA57: <i>Wastewater Treatment and Reuse in Qatar</i> Don Macrae, Hyder Consulting Middle East Ltd WA58: <i>An Update on the Western Corridor Recycled Water Project</i> Warren Traves, GHD Pty Ltd WA59: <i>The Western Corridor Recycled Water Project – Overview, Risk Management Approach and Water Quality Monitoring</i> Annalie Roux & Mario Pirrone, Veolia Water Australia WA60: <i>The Advanced Water Treatment Plant at Bundamba, Queensland – Its Design, Construction and Start Up</i> Gerry O'Toole, Black & Veatch	<b>Influencing Change</b> Coryong 4 Chair: Judith Alcorn, MWMG OT21: <i>Keynote Presentation: Facilitating and Motivating Behaviour Change</i> Grahame Collier, T Issues Consultancy OT22: <i>Keynote Presentation: Promoting Sustainable Practices: The Importance of Building Leadership Capacity</i> Andre Taylor, Monash University OT23: <i>Keynote Presentation: The Waste Educators Guide</i> Stan Vermeeren, The Environmental Edge & Pat Armstrong, Pat Armstrong Consulting OT24: <i>Keynote Presentation: Trust Me, I'm Not an Expert: Knowledge, Communication and Behaviour Change for a Sustainable Future</i> Stuart Waters, Twyford Consulting & Dr Will Rifkin, UNSW Science Communication Program	<b>Transportation</b> Coryong 3 SC25: <i>Improving Urban Air Quality and Reducing Greenhouse Gas Emissions with Sustainable Freight Transport Initiatives</i> Matt Davies, SKM SC26: <i>Sustainable Practices in Road Construction: Case Study of the Hume Highway Duplication Between Woomargama and Table Top, NSW</i> Claire O'Keefe, SKM SC27: <i>The Role of Public Transport in Reducing Brisbane's Greenhouse Gas Emissions and Oil Consumption</i> Patrick Hearps, University of Queensland SC28: <i>Sustainable Cities: Sustainable Land Transport Systems – the New Zealand Experience</i> Chris Hansen, SKM	<b>The Potential Value of Organic Waste</b> You Yangs 3 Chair: Jon Ward, Sustainability Victoria WR41: <i>Overview of Biomass as a Sustainable Energy Source</i> Stephen Schuck, BioEnergy Australia WR42: <i>Rocky Point Green Power – A Sustainable Practice Organisation</i> Peter Shaw, Rocky Point Green Power WR43: <i>Biofuels in a Post-Fossil Fuel World</i> Mark Glover, EcoWaste WR44: <i>Sustainability and the Final 10% - How to Extract Value from Residual Wastes After all the Reuse and Recycling Has Been Exhausted</i> John Worsley, Geocycle	<b>Hazardous Waste</b> You Yangs 4-5 Chair: Roger Parker, Golder Associates Pty Ltd WR45: <i>Prescribed Industrial Waste in Victoria</i> Mel Barker, EPA Victoria WR46: <i>Solvent Extraction Technology – PCB Soil Research Development and Demonstration Case Study</i> Dan Stangroom, Veolia WR47: <i>Cement Stabilisation of Filter Cake Contaminated with Hydrocarbons, Polycyclic Aromatic Hydrocarbons and Heavy Metals</i> Ray Spokas, Veolia & Laura-Lee Innes, EPA Victoria WR48: <i>Soil and Organic Waste Facility – Creating Sustainable Environmental Solutions</i> Rebecca Robie, Gippsland Water	<b>Going Carbon Neutral – Ideas from the Front Line – Coryong 5</b> Chair: Alan Pears, RMIT University EC09: <i>EPA Victoria Goes Carbon Neutral</i> Beth McLachan, EPA Victoria EC10: <i>Carbon Management – PB's Practical Approach for Lonely Planet</i> Bill Proudfoot, Parsons Brinckerhoff EC11: <i>A Discussion of the Obstacles and Solutions in Delivering the North Hume STP Hydro Project</i> Daniel Cooper, Sydney Water EC12: <i>Heating, Cooling and Electricity Generation by the Black Box: The Relationship Between On-site Power Generation, Building Services and Sustainability</i> Paul Smith, VOS Group Consulting Engineers
12.30pm	<b>Lunch – Exhibition Hall</b>						
1.30pm	<b>Realising the Impacts and Potential of "Waste" – Coryong 1-2</b> Chair: Laura Evanson, AWA WA61: <i>Australasian Biosolids Partnership</i> Corrine Cheeseman, Australian Water Association WA62: <i>Beneficial Use of Biosolids – Case Studies and Process Descriptions from Around the World</i> Chris Madin, Veolia Water Solutions & Technologies WA63: <i>Geotechnical Fill from Clay Rich Biosolids – An Application of Product Stewardship</i> Mark Latham, Golder Associates WA64: <i>Understanding the Impact of Households on Wastewater Quality</i> Grace Tjandraatmadja, CSIRO	<b>Innovative Technologies in Water Treatment – You Yangs 1-2</b> Chair: Vanessa Whelan, Sustainable Schools ACT OT25: <i>One at a Time or All at Once? Experience in the Uptake of Environmental Behaviour Change Measure</i> Liz Ampt, SKM & Colin Ashton-Graham, Dept for Planning and Infrastructure (WA) OT26: <i>CleanBiz – Supporting Sustainable Business Practice in Tasmania</i> Damien Blackwell & Helen Peters, Dept of Tourism, Arts and Environment (Tas) OT27: <i>Water Demand in Aboriginal and Torres Strait Islander Communities of the Northern Peninsula Area of Queensland</i> John Carleton, Qld Dept of Local Government, Sport and Recreation & T Hearn, Bush TV OT28: <i>Water Water Everywhere – So How do you Get People to Conserve it?</i> Bruce Gardiner, Cairns Water	<b>Case Studies</b> Coryong 4 Chair: Nathan Malin, DSE SC29: <i>Energy and Water Metabolism of a Sustainable Sub-Division in South East Qld: A Reality Check</i> Ted Gardner, Queensland Natural Resources and Water SC30: <i>Currumbin Eco-Village – Trailblazing the Class A+ Reuse Development Approval</i> Dominic Xavier, Sustainable Solutions International SC31: <i>Urban Recycling of Stormwater and Sewage: Difference Opportunities and Challenges</i> Michelle Carsen, South East Water SC32: <i>Returning Degraded Land to a Sustainable Land Use</i> Michael Gerner, Golder Associates	<b>Implementation</b> Coryong 3 Chair: John Nolan, Hyder Consulting WR49: <i>Alternative Collection Technologies – the Future of Household Organics</i> Vienna Butt, Sulo MGB Australia WR50: <i>The Use of Composting Organics in a Local Government Environment</i> Barry Ryan, Penrith City Council WR51: <i>Efficient, Effective, Economic: Windrow Composting in Victoria – Progress Report on Regulation, Quality Control and Industry</i> Andrew Monk, Compost Victoria WR52: <i>The Seafood Processing Waste Forum: EPA Victoria and Industry Working in Collaboration to Reduce Waste and Cut Costs</i> Melissa Stewart, EPA Victoria	<b>Organics and Energy from Waste – Case Studies – You Yangs 3</b> Chair: John Nolan, Hyder Consulting WR53: <i>Australian Alternative Covers Assessment Program (A-ACAP): The Road so Far</i> Richard Yeates, PhytoLink Australia WR54: <i>Field Testing of Methane Emissions from the World's Largest Bioreactor, Woodlawn, NSW</i> Stuart Dever, GHD WR55: <i>How to Achieve Sustainable Waste Management of Landfill Gas in Australia</i> Gareth Swarbrick, GHD WR56: <i>Future Developments in Landfills</i> Jeremy Joseph, URS	<b>Future Trends in Landfilling</b> You Yangs 4-5 Chair: Tony Cade, Veolia Environmental Services EC13: <i>Greenhouse Gas Emissions Trading – International Developments and Post-2012 – the Way Forward</i> Andrew Jones, Hyder Consulting EC14: <i>Recent Developments in the Regulation and Reliability of other Carbon Offset Industries</i> Louise Hicks, DLA Phillips Fox EC15: <i>The Renewable Energy Support Fund – Project Outcomes and Experience</i> John Edgoose, Sustainability Victoria EC16: <i>Australia's Emissions Trading Scheme: What Lessons can be Learnt from Other Schemes?</i> Elisa de Wit, Deacons	<b>Carbon Trading – Status, Schemes and Offsets – Coryong 5</b> Chair: Matthew Warnken, Crucible Carbon
3.00pm	<b>Break</b>						
3.15pm	<b>Closing Session</b> La Trobe Theatre	<b>Undergraduate Water Prize Presentation</b> Feedback from Day 1 Delegate Voting and Suggestion Box A Young Professional's View of Sustainability in the Future – Water Perspective A Young Professional's View of Sustainability in the Future – Waste and Resource Recovery Perspective			Peter Shmigel, Parker & Partners Erin Cini, Kellogg Brown & Root – President, AWA Young Water Professionals Garrett Hall, EPA Victoria – WMAA Vic Young Professionals Working Group		
3.45pm	<b>Drinks – Atrium, Melbourne Convention Centre</b>						