

Date Thursday 22 July 2010
Time 8.45 am – 12.30 pm
Venue 60L 'The Green Building', Ground Floor Meeting Room,
60 Leicester St, Carlton 3053
Cost \$50 ECO-Buy members & NFP / \$80 non-members



About the Forum

The **ECO-Buy Green Roads and Footpaths Forum** will feature presentations and discussion from industry experts, regulators and government on the successful uptake of low-emission and recycled content construction materials in public works projects.

This unique event will in focus on leading practice in the areas of materials analysis and testing, standards development, industry case studies, and product development. The forum is an opportunity to see first-hand how environmentally preferable materials can help organisations reduce emissions, protect the environment and human health – without compromising quality.

Chaired by, **Alan Pears Adjunct Professor at RMIT University**, the Forum will be a great networking opportunity with 40 - 70 attendees, product displays, light snacks and beverages appropriate to a green event.

Who should attend

The program has been carefully developed to provide valuable information for:

- Engineers
- Infrastructure/ roads maintenance staff
- Capital works staff
- Contract Managers
- Contractors
- Industry professionals.

Speakers

Increasing confidence through laboratory testing of recycled demolition materials

Dr Arul Arulrajah - Associate Professor in Civil/Geotechnical Engineering) at Swinburne University of Technology.

Traditional footpath and bicycle path building materials are becoming scarce in some regions, to the point of being unsustainable from both an environmental and cost perspective. Geotechnical testing of reclaimed products in footpaths and shared paths as a base, and sub-base material can increase confidence within local government as to their likely in-service performance and appropriate application.

This presentation provides an overview of the laboratory testing undertaken at Swinburne with usage of up to 50% crushed brick and up to 50% crushed glass in blends with crushed rock and crushed concrete. It also explores the development of specifications for the usage of recycled glass and brick in footpath bases and sub-bases.

VicRoads specifications for recycled road materials

Sven Scheppokat - Quarry Products Consultant- VicRoads

Many organisations, including local governments, look to VicRoads specifications when undertaking road construction and maintenance projects. The development of appropriate specifications is therefore important to the successful uptake of recycled and low emission materials in these applications.

This presentation will explore “State of the Art” from VicRoads’ perspective, current VicRoads specifications for use of sustainable materials in road construction and maintenance, the thrust of specification changes to facilitate increased use of recycled materials, and examples of use of recycled materials.

Successful use of recycled materials in water infrastructure projects

Chris DiDomenico - Project Manager - Water Resource Alliance (WRA) - Melbourne Water

This presentation will cover the process the Water Resource Alliance has gone through to ensure that recycled materials can be effectively and safely used in water infrastructure projects. Based on real-life project experience, it will also explore regulatory barriers encountered when dealing with material classified as ‘prescribed waste’ and ways to overcome these.

Putting green roads and footpath materials to use in local government

Lachlan Johnson- Roads Engineer - Manningham City Council

Manningham Council uses a wide range of recycled content products including crushed concrete, warm mix asphalt, plastic sign totems/bollards/wheel stops, and crushed glass. Manningham has also undertaken a number of projects using E-Crete alternative cement products.

This presentation will provide an overview of Manningham’s policy on the use of recycled/green products and detail a case study of the E-Crete trial and future directions.

The commercial and environmental benefits of recycled civil construction materials

David Birrell, General Manager - Recycling Industries, Alex Fraser.

Recycling of concrete, rock and glass into civil construction materials is one of the more significant yet straightforward opportunities to address future shortfalls of quarried products, as well as make a difference with your carbon footprint. However, effective recycling needs to not only manage waste streams but also provide commercially competitive products that meet customer demands.

This presentation explores the current and future environment for recycled civil construction materials and how they cannot be considered merely as an alternative material in niche applications, but as one of a suite of options available to engineers and capital works managers on account of their ability to address future resource shortfalls as well as delivering commercial and environmental benefits.



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Program

Green Roads and Footpaths Forum

Thursday 22 July 2010

Time	Item
8.45 -9.00	Registrations
9.00 – 9.10	Welcome and introduction by Chair (Alan Pears, Adjunct Professor, RMIT University)
9.10 – 9.30	Dr. Arul Arulrajah, Associate Professor, Civil/Geotechnical Engineering, Swinburne University
9.30 – 9.50	Sven Scheppokat, Quarry Products Consultant, VicRoads
9.50 – 10.10	Chris DiDomenico, Project Manager, Water Resource Alliance (WRA) - Melbourne Water
10.10 – 10.50	Morning tea and supplier showcase
10.50 – 11.10	Lachlan Johnson, Roads and Engineering – Manningham City Council
11.10 – 11.30	David Birrell, General Manager Recycling Industries, Alex Fraser Group
11.30 – 12.20	Panel discussion and questions
12.20 – 12.30	Close by Chair

A number of ECO-Find Suppliers will also be showcasing their products during the event

About ECO-Buy

ECO-Buy is an independent Centre of Excellence in environmental purchasing established to encourage the purchasing of environmentally preferable (green) products and services. Backed by ten years of award winning experience delivering practical programs, ECO-Buy's objective is to increase the demand for and use of green products and services.



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Registration Form

Green Roads and Footpaths Forum

Thursday 22 July 2010

Delegate 1			
Name			
Job Title		Organisation	
Address			
Suburb/Town			
State		P/code	
Telephone		Mobile	
Email			
Delegate 2			
Name			
Job Title		Organisation	
Telephone		Mobile	
Email			
Delegate 3			
Name			
Job Title		Organisation	
Telephone		Mobile	
Email			
Forum Fees			
ECO-Buy Members and Suppliers	\$50 + GST = \$55		
Not-for-Profit Organisations	\$50 + GST = \$55		
Non-Members	\$80 + GST = \$88		
Method of Payment			
I wish to pay by	<input type="checkbox"/> EFT	<input type="checkbox"/> Visa	<input type="checkbox"/> Mastercard <input type="checkbox"/> Cheque (<i>payable to ECO-Buy</i>)
Card Number	/ / /		
Name on Card:		Exp Date	
Total Payable	\$	Signature	
Email receipt to:			
EFT Payments to: BSB 083-019 Account No: 874794104 Account Name: ECO-Buy			
OFFICE USE ONLY			
Invoice No: _____ Date Paid: _____ Database Updated: _____			

How to Register:

There are 3 ways you can register:

- (1) Complete form & fax to (03) 9349 0404
- (2) By email to ecobuy@ecobuy.org.au
- (3) Complete this form and mail to:

ECO-Buy Limited
 Suite 301, 60 Leicester Street
 Carlton, Vic. 3053

Cancellations Policy, Substitutions and Shared Tickets

Cancellations must be notified in writing before **16 July 2010** and will incur an administration charge of **\$15**. No refunds will be given to delegates who fail to attend or cancel after this date. Delegates who have registered but not yet paid after the cancellation cut-off date will still be liable for the full Forum fee. Substitution delegates are permitted at any time without penalty

Privacy Policy

The information received on this form may be shared with external companies (sponsors and exhibitors) for their ongoing marketing purposes.

Conference Agenda

The organisers reserve the right to alter or amend the Forum programme without notice to delegates

Sponsorship Opportunities

If you are interested in profiling your company with Australia's largest audience of key procurement professionals, there are a number of sponsorship options available. For further details please contact Amelia Chapman at ECO-Buy on (03) 9349 0408 or achapman@ecobuy.org.au

Registration forms will only be processed on receipt of payment. Tax receipts will be issued with confirmation. If you have any queries about your registration, please contact ECO-Buy on (03) 9349 0444 or email: ecobuy@ecobuy.org.au