

INNOVATION & SUSTAINABILITY

and Low Carbon Concretes (achievable?)

DATE

Tuesday
May 31, 2022

LOCATION

**Ryde Eastwood
Leagues Club**
117 Ryedale Rd
West Ryde
Ryedale Room

FORUM OVERVIEW

- > Innovation pathways
- > Sustainability – Road Map to Net Zero
- > Low carbon concrete
- > Recovered Materials
 - > National Technical Specification
- > Concrete Pavements

Simulcast Online

Sydney (UTC+11)
10:00–15:30

Paris (CEST)
02:00–07:30

Los Angeles (PDT)
17:00–22:30

New York (EDT)
20:00–01:30

10.00 am Welcome and introduction

Craig Heidrich

Executive Director

Australian Society for Concrete Pavements

10.10 am Austroads Technical Specifications Project

Ross Guppy & Richard Edwards

Program Manager Transport Infrastructure & Principal RJE

Austroads & RJE Professional Services

10.40 am Sustainability Assessment Tool for pavements

Brook Hall

Principal Transport Economist, Sustainability and Material Performance

ARRB Group

11.10 am Arcadis Pavement Sustainability Assessment

Ken Lundy

Technical Director and National Discipline Lead for Sustainability

Arcadis Australia Pacific

11.40 am Decarbonisation of the Cement and Concrete Industry for Concrete Pavements

Jason Nairn

Director – Research and Technology

CCAA

12.10 pm

Lunch Break

12.40 pm The Innovation Process

Jason Chandler (Director, ASCP)

Head of Innovation Research & Development

Boral

1.10 pm Better Shared Path Design

Justin Moss

Senior Technical Director (Pavements) and Team Leader

Arcadis Australia Pacific

1.40 pm Landscape for SCM contribution towards Net Zero 2050

Craig Heidrich

Executive Director

Ash Development Association of Australia, Australasian (iron & steel) Slag Association, Australasian Pozzolan Association

2.10 pm NACoE Project S51: Suitability of the Use of Recycled Aggregate in Concrete

Dr. Stephen Rae

Senior Engineer (Concrete Materials)

Queensland Department of Transport and Main Roads

2.40 pm Title: TBC

Frank Knippers

Technical Manager NSW and National Concrete

Holcim

3.10 pm State Road Announcements

Sam Henwood

Director Ground Engineering Technical Services

TfNSW

3.30 pm ASCP Updates & Close

Justin Moss (President, ASCP)

Senior Technical Director (Pavements) and Team Leader

Arcadis Australia Pacific

REGISTRATION

Register through the ASCP web site
Select 'Events' tab - select this event - click 'Register' button or

[REGISTER HERE](#)

FEES

ASCP Member
Free

Non-Member
AU\$99.00 (inc-GST)

A Tax Invoice will be issued on payment.

No refunds for cancellations 2 days prior to event, but substitute names will be accepted

PAYMENT OPTIONS

Credit Card:

On website registration, select 'PayPal' and use your MasterCard or Visa Card.

Direct credit

Pay directly to ASCP St George Bank Account
BSB: 112 879
Account No: 155 778 722
Please put your name in the reference field so we can identify your payment

ABOUT THIS FORUM

Innovation, Sustainability, Low Carbon Concretes: How can we achieve in Pavements – has become a keenly anticipated event for 2022. The Australian cement and concrete sector has a long history of **reducing its CO2 emissions** having delivered a 25 per cent reduction since 2000 [VDZ 2022] which is a critical material input for durable and cost effective concrete pavements.

The **goal for this forum** is to bring together key participants within the **concrete pavement supply chain** and understand the challenges, drivers, tools and possible pathways towards decarbonising cement, concrete and accordingly increasing the **competitive advantage of concrete pavements**.

Ross Guppy (Austroads) and **Richard Edwards** (RJE Professional Services) will kick-off with an insight into Austroads National Technical Specification Project. **Ken Lundy** (Arcadis) and **Brook Hall** (ARRB) will share perspectives on evolving pavement sustainability assessment tools with **Dr Jason Nairn** (CCAA) highlighting a recent report road-mapping pathways for the Decarbonisation of the Cement and Concrete Industry for Concrete Pavements.

The afternoon session we return with **Jason Chandler** (Boral) providing an insight into product innovation process, **Justin Moss** (Arcadis) presents the award winning sustainable pavement design project, **Craig Heidrich** (ADAA,ASA,APozA) on the important role of SCM supply chains and **Dr Stephen Rae** (QTMR) will present the NACoE report findings on recycled aggregates with **Sam Henwood** (TfNSW) providing us with a State Road update.

CONTINUING PROFESSIONAL DEVELOPMENT

Attendance at this event may be eligible for credit towards Engineers Australia and other organisations' Continuing Professional Development requirements.

ASCP CORPORATE MEMBERS

ASCP **Corporate Members** support our aims and objectives and contribute through participation, sharing of technical and industry information, and financial contributions.

Corporate Members are entitled to representative members, discounts on other memberships and event fees, discounts on Grey Card course fees, and discounts for exhibition spaces at events. They are recognised on our web site, event brochures and newsletters.

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