

Agenda Overview





ecologia Greener Infrastructure Conference 2022

Australia generates around 74 million tonnes of waste a year.

As our population grows, this figure will too – but it's what we do with our waste that counts.

Our nation's transport infrastructure sector presents an incredible opportunity to transform how we use waste. The industry can lead the way to an Australian circular economy by designing out waste, keeping reusable materials out of landfill and regenerating natural systems.

Join the Victorian Government's ecologiQ program at our first conference this 6–7 September to accelerate change by sharing innovations, celebrating best practice and hearing from changemakers about the latest green thinking and projects.

ecologiQ is integrating recycled and reused content across Victoria's transport projects and making the use of green materials business-as-usual.

The ecologiQ Greener Infrastructure Conference 2022 will explore the role of infrastructure in driving a circular economy, starting with recycled and reused materials, and the economic and resource factors shaping the industry's greener future.

Get a behind-the-scenes insight into the full spectrum of works that align to realise a greener future – from policy and governance, design and manufacture, construction, and installation through to operation and maintenance.

Meet with experts in circular economy thinking and the transport infrastructure industry to reimagine how recycled and reused materials can help build a circular economy and generate practical solutions.

Don't miss your chance to connect with peers and potential partners – across

the government, universities and industry – who lead advancements towards greener infrastructure.

Learn how procurement and government policy are driving change in how waste is used, discuss trends across the supply and demand spectrum and conclude with a shared vision of where innovation can go in the future.

We look forward to seeing you at the ecologiQ Greener Infrastructure Conference 2022.

Allen Garner CEO Major Road Projects Victoria







Join your fellow changemakers for an exchange of new ideas to accelerate Victoria's transition to a circular economy.

The program brings together key stakeholders to share knowledge, discuss trends in policy, research and industry.

Attendees will include:

- Victorian government agencies
- Government agencies from across Australia
- Councils
- Management authorities
- Government partners
- Industry and trade associations

- Researchers
- Recycled material suppliers and manufacturers
- Designers and advisory groups
- Construction contractors
- Asset operators, owners, maintainers and end users across rail and road.

Benefits of Attending



Hear directly from the circular economy brains trust featuring 30+ speakers from across the state, Australia and internationally.



Site tours that offer exclusive opportunities to see some of Victoria's flagship projects and world-class recycled products



Sneak peek industry networking evening for changemakers and suppliers



Dynamic trade hall where suppliers of recycled and reused materials will showcase their products



Gain up to 8 Continuing Professional Development(CPD) hours



6.5+ hours of networking over two days with other industry professionals



Diverse and esteemed keynote speakers, including the Deputy Premier of Victoria, the Hon. Jacinta Allan, world-renowned recycling revolutionary Professor Veena Sahajwalla and Engineers Australia Chief Engineer, Jane MacMaster.

The incredible speaker line up also includes CSIRO's Dr Heinz Schandl, Australian Council of Recyclers CEO Suzanne Toumbourou and Australian Constructors Association CEO Jon Davies.

Internationally acclaimed scientist and conservationist, Prof. Tim Flannery, is the Master of Ceremonies.

Key Themes for 2022



The role of infrastructure in driving a circular economy, with recycled and reused materials leading the way



The economic and resource factors shaping the industry's greener future



How governments at every level can use procurement and policy to change how waste is used



Current trends across the supply and demand spectrum



Real life examples of recycled and reused materials in action in transport infrastructure projects.

Speakers



The Hon. Jacinta Allan

Minister for Transport Infrastructure and Minister for the Suburban Rail Loop



John Bradley Secretary, Department of Environment, Land, Water

and Planning

Circular Economy Leader -Circular Economy Business Innovation Centre (CEBIC) advisory committee member, Circular Australia board member



Alexis Davison

Director Program Services and Engineering, Major Road Projects Victoria



Jon Davies

CEO, Australian Constructors Association



Camilla Drover

Deputy Secretary, Infrastructure and Place, Transport for NSW



Jodie Bricout

Prof. Tim Flannery

Chief Councillor, Climate Council and Master of Ceremonies



Allen Garner

CEO, Major Road Projects Victoria and ecologiQ founder



Matt Genever

Interim CEO, Sustainability Victoria



Lina Goodman

CEO, Tyre Stewardship Australia



Hatfield-Dodds

Port Jackson Partners, Panel member

Dr. Steve



Veronica James

Associate Director

and Innovation, Green

Transformation

Industries SA

Associate Principal, EY UN International Resource



Jane **MacMaster**

Chief Engineer, Engineers Australia



Joyanne Manning

Principal – Australasia Resources Leader, Arup



Vanessa Petrie

Acting General Manager City and Strategy, Darebin City Council



Prof. Veena Sajahwalla

NSW's Australian of the Year 2022 and Founding Director of the Centre for Sustainable Materials Research & Technology



Dr. Heinz Schandl

Chair-Metrics Working Group of the Australian Circular Economy Hub, Expert Member - United Nations International Resource Panel and Research Group Leader, CSIRO



Ainsley Simpson

CEO, Infrastructure Sustainability Council



Dr. Jonathon Spear

CEO, Infrastructure Victoria



Suzanne Toumbourou

CEO, Australian Council of Recycling

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Tuesday 6 September

8.00am-2.00pm

8.00am - Projects and Products Site Tours

North West Route

Alex Fraser Recycling Facility (Laverton), Gap Road Project (Sunbury), Repurpose It Facility (Epping), M80 Freeway Upgrade (Broadmeadows)

South East Route

Alex Fraser Recycling Facility (Clarinda), Mordialloc Freeway (Dingley Village), Replas Environmental Centre (Carrum Downs), Lathams Road Upgrade (Carrum Downs)

3.00pm Trade hall opens

5.00pm

Welcome Reception Networking drinks and canapes commence

This will include:

- A welcome from ecologiQ
- Keynote: Markets, innovation and creating a sustainable supply chain Matt Genever Interim CEO, Sustainability Victoria
- Industry perspectives how Victoria is driving demand for recycled and reused materials, innovation and sustainability.

Moderator:

Matt Genever – Interim CEO, Sustainability Victoria

Panelists:

- Peter Murphy Managing Director, Alex Fraser
- Stephen Webster General Manager, Integrated Recycling
- Wayne Williams Executive General Manager: Pact Reuse, Pact Group

6.30pm Networking

7.30pm End of day

Wednesday 7 September

7:30am	Trade hall opens
7:45am	Registration and networking breakfast
8:50am	Master of Ceremony welcome
	• Prof. Tim Flannery - Chief Councillor, Climate Council
9:00am	Welcome from ecologiQ
	Allen Garner – CEO, Major Road Projects Victoria
9:20am	Keynote: Innovation and the future of material science
	How materials research, innovation and infrastructure can solve the problems of the future, build a circular economy and achieve net zero.
	 Prof. Veena Sahajwalla – Internationally-recognised materials scientist, engineer and inventor
9:50am	Ministerial address: Victoria's commitment to greener infrastructure
	• The Hon. Jacinta Allan – Deputy Premier, Minister for Transport Infrastructure and the Suburban Rail Loop and Minister for Commonwealth Games Delivery
10:10am	Circular economy and infrastructure
	How Australia and Victoria are transitioning to a circular economy using infrastructure and how industry is poised to build on this.
	Moderator:
	 Ainsley Simpson – CEO, Infrastructure Sustainability Council
	Panelists:
	 Prof. Veena Sahajwalla – Internationally-recognised materials scientist, engineer and inventor
	• Jodie Bricout – Circular Economy Leader, Aurecon, Circular Economy Business Innovation Centre (CEBIC) advisory committee member, Circular Australia board member
	 Joyanne Manning – Australasian Resources Leader and Global Circular Economy Skills Leader, Arup
10:45am	Morning tea and networking
11:15am	Welcome back

11.20am Construction, economics and resource availability

The economics of change – financial, environmental and economic perspectives on resource scarcity, supply chain disruptions and material availability and how this is changing the future of infrastructure.

Moderator:

• Luke Bellfield - Chief Engineer, Office of Projects Victoria

Panelists:

- Dr Heinz Schandl, Chair Metrics Working Group of the Australian Circular Economy Hub, Expert Member - United Nations International Resource Panel and Research Group Leader, CSIRO
- Jon Davies CEO, Australian Constructors Association
- Jane MacMaster Chief Engineer, Engineers Australia
- Dr. Steve Hatfield-Dodds Associate Principal, EY Port Jackson Partners, UN International Resource Panel member

12.00pm Keynote: Driving procurement through policy – Recycling Victoria and the Recycled First Policy

The Victorian Government's circular economy policy and how Victoria is leading the nation in the use of recycled and reused materials, with its Recycled First Policy requiring transport contractors to optimise recycled materials for the first time in Australian history.

- John Bradley Secretary, Department of Environment, Land, Water and Planning
- Alexis Davison Director Program Services and Engineering, Major Road Projects Victoria

12.30pm Lunch and networking

1.30pm Welcome back

1.35pm Jurisdictional approaches to driving greener outcomes through procurement and policy

How Australian Governments are integrating sustainability, circular economy and recycled and reused materials through different policy and procurement approaches.

Moderator:

• Dr. Jonathon Spear - CEO, Infrastructure Victoria

Panelists:

- Camilla Drover Deputy Secretary, Infrastructure and Place, Transport for NSW
- Veronica James Associate Director Transformation and Innovation, Green Industries SA
- Ramses Zietek Director (Environment, Sustainability and Cultural Heritage), Department of Transport and Main Roads, QLD

Wednesday 7 September (cont.)

2.15pm Where to next? Industry trends and reflections

A cross section of industry voices across the supply and demand spectrum discuss current trends, impacts, opportunities and where the industry is going with the use of sustainable materials.

Moderator:

Jill Riseley – Recycling Victoria

Panelists:

- Suzanne Toumbourou CEO, Australian Council of Recycling
- George Hatzimanolis CEO, Repurpose It
- Lina Goodman CEO, Tyre Stewardship Australia
- Graeme Johnson CEO, Fulton Hogan Australia

2:55pm Afternoon tea and networking

3.20pm Global problems, local solutions

The role of local government to create opportunities, test materials and innovations and collaborate with the sector to make circular material solutions business-as-usual.

Moderator

Vanessa Petrie – General Manager, City Sustainability and Strategy, Darebin City Council

Panelists:

- Tina Perfrement Economic Development, City of Greater Geelong
- Maurice Serruto Unit Manager Engineering Design & Construction, City of Whittlesea
- Nina Bailey Senior Sustainability Programs Office, City of Darebin

3.50pm Infrastructure 2025 – Design and construction

How clever design solutions and new construction approaches can tackle problems and opportunities in new and unique ways – driving innovation, carbon reduction, sustainability and the circular economy.

Moderator

• Dr Scott Taylor - Director Engineering and Innovation, Major Road Projects Victoria

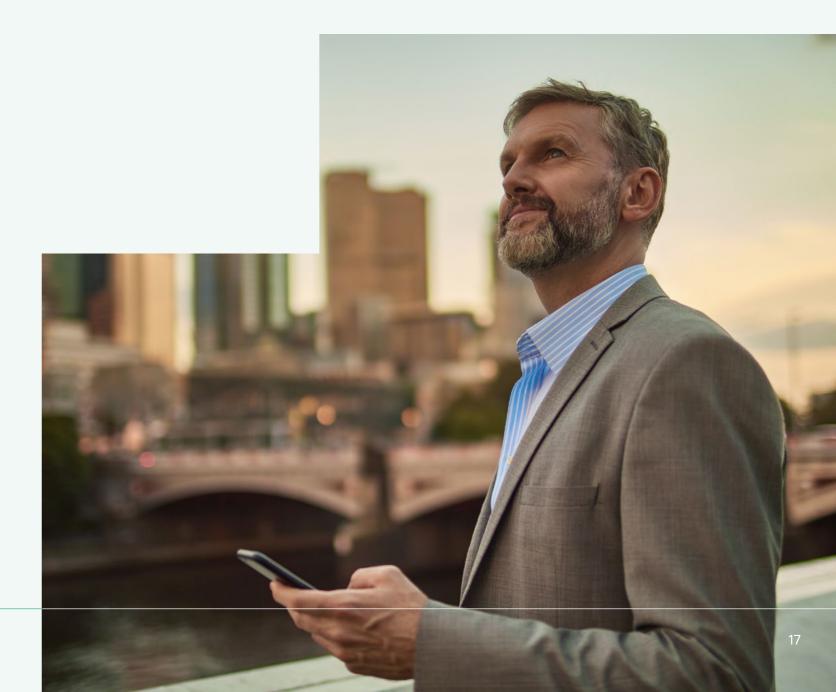
Panelists:

- Chris Harper Alliance General Manager Shepparton Line Upgrade, Coleman Rail
- Ken Lunty Technical Director & National Discipline Lead Sustainability, Arcadis Australia Pacific
- Raphael Touzel Project Director, CPB Construction
- Trevor Cruden Project Director, McConnell Dowell

4:35pm Closing remarks

• Prof. Tim Flannery - Chief Councillor, Climate Council

4:40pm Conference close



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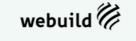








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