



Regional Engineering Showcase

HIGHLIGHTS: SUNDAY 24 NOVEMBER | **BENDIGO**
FREE PUBLIC EVENTS



Sustainability Challenge: STEM Power – a Smart Bendigo 9.45am – 12pm | **Bendigo Town Hall**

Have you ever wondered how STEM (Science, Technology, Engineering and Mathematics) has the power to transform our cities and liveability? Join Engineers Australia and our influential speakers, who will engage and inspire our next generation to create practical solutions to real-world problems. Modules of varying difficulty will appeal to students, educators, industry and community members of all ages to solve the sustainability challenge, *STEM Power: a Smart Bendigo*.

Challenge Presenters



Felicity Furey: Co-Founder, Power of Engineering

A founder of two social enterprises, Felicity Furey is an inspirational speaker, entrepreneur and engineer who is passionate about diversity and has shifted thousands of young people and companies' perception of engineering.



Dr Jillian Kenny: Co-Founder, Power of Engineering

Dr Jillian Kenny's commitment to creating value in the world and providing opportunities for non traditional entrants into STEM professions has led her to establish both Power of Engineering and Maths In Real Life.



Jemily Sweet: STEAM Learning Designer, Bendigo Tech School

Jemily Sweet is a Civil Engineer from La Trobe University Bendigo. Jemily delivers water and wastewater solutions around Australia whilst tutoring VCE students in maths and physics.

Dr. Collette Burke, Chief Engineer of Victoria, will also support the Sustainability Challenge.

Smart Cities Public Forum

1.45pm – 3pm | **Bendigo Town Hall**

This year's Joseph Brady Public Forum, open to local industry and the community, will feature a panel of speakers exploring how we can engineer a prosperous regional future. The panel will discuss strategies to enhance future liveability in expanding regional cities, with topics spanning infrastructure, transport, economics, sustainability and more.

Thales protective vehicles, Hawkei and Bushmaster will also be on display.

Meet your panel exploring the topic of **Anything is possible: Engineering a Smart Bendigo for future liveability**



Professor Veena Sahajwalla: Scientia Professor, University of New South Wales

Professor Veena Sahajwalla is the Director of the cutting edge Sustainable Materials Research and Technology (SMaRT) Centre at UNSW Sydney, and is one of Australia's best known scientists, with regular television and media appearances.



Dr Collette Burke: Chief Engineer of Victoria

As the inaugural Chief Engineer of Victoria, Dr Collette Burke provides expert advice to the Government on major project design and delivery and leads key engineering initiatives.



Dr Bronwyn Evans: CEO, Engineers Australia

Dr Evans commenced as Engineers Australia's CEO in October, and has a wealth of leadership, commercial and policy expertise gained across a career spanning both corporate and not-for-profit roles in Australia and globally.



Peter Seamer AM: Director, Planning Strategies Pty Ltd

Author of Breaking Point, the Future of Australian Cities, Peter Seamer AM has a wealth of experience in urban planning, infrastructure, finance and management.



Panel Moderator:

The Hon. John Brumby AO – Chancellor, La Trobe University

The Hon. John Brumby is the former Premier of Victoria (2007-10), and has immense experience in public life.

The Hon. John Brumby AO is current Chancellor of La Trobe University in Bendigo and an Enterprise Professor at the University of Melbourne.

