

TEFMA SUSTAINABILITY WORKSHOP
PATHWAYS TO NET ZERO AND CLIMATE
POSITIVE CAMPUSES
 Brisbane, 27-28 July 2023

TEFMA 2023 WORKSHOP CALL FOR PAPERS

The Tertiary Education Facilities Management Association (TEFMA) workshop will focus on sustainability challenges faced in the tertiary education sector. Non-members are welcome and encouraged to attend. This will be a good opportunity for facilities management and sustainability professionals to share experiences of their pathways to net zero and climate positive campuses and the challenges we all face in achieving these outcomes.

POSSIBLE PAPER TOPICS

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Reporting	<ul style="list-style-type: none"> • Defining the boundary – what are universities responsible for? • Stakeholder expectations and their management • Emissions accounting – tips and tricks, preparing to track progress to net zero. • Greenwashing – how to avoid? • Why report? Progressing sustainability through reporting. • Working with suppliers/contractors to provide necessary information. • Shifts to Working from Home and Online Study - What to include/exclude from emissions boundary.
Energy Management	<ul style="list-style-type: none"> • Energy (scope 1 & 2). • Reducing energy demand. • Load shaping and management. • Renewable energy projects/initiatives. • Microgrids. • Grid decarbonisation and energy efficiency – how to justify projects from an emissions perspective. • PPAs. • Fuel switching challenges.
Waste Management	<ul style="list-style-type: none"> • Waste (scope 3). • Circular economy. • Recycling, reuse and repurposing. • Composting (including shifts to more compostable packaging). • Bioenergy. • Lab waste – sustainable waste destruction • How do we avoid waste being generated in the first place? • What is included in contracts for waste management contractors? Data provisions? Traceability? Circular economy provisions and education?

<p><i>Sustainable Precincts, Buildings, and Maintenance</i></p>	<ul style="list-style-type: none"> • Sustainable building methods. • Building performance ratings – Greenstar, NABERS. • Electrification. • Retrofitting projects to increase efficiency. • Accounting for embodied emissions. • Construction waste management. • Net zero and occupant comfort. • Low impact materials. • Navigating existing infrastructure. • Green and Blue infrastructure. • Resilience. • Biodiversity, biophilia, environmental stewardship. • Lessons from traditional custodians.
<p><i>Sustainable Travel</i></p>	<ul style="list-style-type: none"> • Scope 3 emissions and methods. • Changing commuter behaviour. • Business and fleet travel. • Electric vehicles, scooters and charging infrastructure. • Disconnected campuses – how to connect with public transport? • How to create a campus and community that supports active travel and/or ride-sharing. • Partnership models (Departments of Transport, local bus/shuttle companies, etc.) • Capturing commuter data. • How to prevent a return to pre-COVID flight levels.
<p><i>Policy, Standards, and Benchmarks</i></p>	<ul style="list-style-type: none"> • Alignment with other policies, global agreements and principles. • Do we need to be certified? • Certification standards – pros and cons. • Benchmark workshop • Climate related risks. • SDGs.
<p><i>Data Management</i></p>	<ul style="list-style-type: none"> • Sustainability platforms. • Tools for data management. • Data management processes – who needs to what and by when? • Digital engineering (i.e. lifecycle assessments, BIM, digital twins). • Using the data captured to enhance research and teaching. • Keeping sensitive data secure.
<p><i>Sustainable Procurement</i></p>	<ul style="list-style-type: none"> • Embedded sustainability into procurement decisions. <ul style="list-style-type: none"> • Internal carbon pricing. • What should procurement officers consider from a sustainability perspective? • Central procurement – benefits and risks. • “Green” purchasing, socially responsible supply chains (Modern Slavery). • Sustainable food and dining. • Working with vendors for sustainable food and packaging on campus. • EPDs. • Social procurement. • Building demand for recycled/repurposed products.
<p><i>Campus Operations, Outreach and Engagement</i></p>	<ul style="list-style-type: none"> • Engagement initiatives with students, staff and community. • Living lab examples. • Educational/ behaviour change programmes.

	<ul style="list-style-type: none"> • What skills do we need to develop in facilities management and operations? • Coordination between academic and professional staff. • Industry partnerships. • Working From Home and Online Study - Impact on planning for future space needs to maximise efficiency/minimise emissions
<i>Carbon offsets/insets</i>	<ul style="list-style-type: none"> • What to think about when buying offsets? • Procurement approaches – how to manage risk? • Self-generation – benefits and consequences. • Managing internal discussion around costs.
<i>Biodiversity</i>	<ul style="list-style-type: none"> • Protecting, enhancing and connecting biodiversity. • Internal and external green spaces. • Wildlife-friendly infrastructure and facilities.
<i>Equity and Social Justice</i>	<ul style="list-style-type: none"> • Indigenous knowledge. • Wellbeing.

SUBMISSION OF ABSTRACTS

Abstract details: No more than 150 words to be received no later than 8 June 2023.
Please include a brief biography up to 100 words.

Abstract file type: Microsoft Word.

Submission: By e-mail attachment to: events@tefma.com

SELECTION CRITERIA

The workshop organising committee will review all abstracts received only by the submission deadline. Abstracts will be reviewed and judged relative to the theme “Pathways to Net Zero and Climate Positive Campuses”, suitability to the audience, technical content, and practical application. The quality and content of the abstract presentation will be considered as an indication of the quality expected in the presentation.

DEADLINES

Abstract submission deadline 8 June 2023
Notification of abstract acceptance 16 June 2023

GUIDELINES

Authors notified of selection will be sent guidelines to assist in the formatting of their final paper. Final acceptance into the programme will be conditional upon receipt of the final manuscript by the due date. Reasons for rejection of abstracts will not be provided.

PRESENTATION FORMAT

Each presenter will have 20-30 minutes per session, including time for questions. A computer and data projector will be available for visual displays. Please notify the organisers if other audio-visual equipment is required.

FURTHER INFORMATION:

Contact the professional event’s organiser for further information:
Name: Andrea Stoican & Kayleigh Cookson
Contact: events@tefma.com or 02 9431 8600