





Final Program

Deakin University Waurn Ponds Estate | 6 – 7 November, 2019

Campus Environments – Campus Experience

Day 1 Wednesday, 6 November 2019			
<i>Please note, timings subject to change</i>			
8.00am	Registration Open <i>With thanks to our name badge sponsor, Smarter City Solutions</i>		 <small>SMARTER CITY SOLUTIONS Integrated Intelligence</small>
8.40am	Workshop begins – official welcome from Deakin University <i>Kean Selway, COO, Deakin University</i>		
8.45am	Welcome from TEFMA <i>Wayne Millar, TEFMA President</i>		
8.50am	Official Welcome to Country		
9.00am	Workshop Briefing and Program Unpacked <i>Spiro Fatouros, Deakin University</i>		
9.10am – 9.50am	Keynote: The Art and Science of Placemaking <i>Gilbert Rochecouste, Founding & Managing Director, Village Well</i>		
9.50am – 11.10am	Session 1: Spaces:- Teaching/ Learning/ Recreational		
	1.1 The Versatile Campus – designing for study, socialising and sport <i>Lisa Howard, T.C.L</i>	1.2 Monash University: from Plan to Place <i>Jocelyn Chiew, Monash University</i>	1.3 Workshop: Placemaking “Making it Happen” <i>Gilbert Rochecouste, Village Well</i>
	Panel – Questions + Summary and Conclusions <i>Session 1 Speakers</i>		
11.10am	Morning Refreshments		
11.40am – 1.00pm	Session 2: Sustainability		
	2.1 From paddocks to power – the Deakin Renewable Energy Microgrid <i>Michael Gibbs, Deakin University</i>	2.2 Sustainability in Irrigation <i>Richard Dilena, City of Greater Geelong</i>	2.3 Urban Sustainability – A UK perspective of an intergrated city campus <i>Paul Bell, Ryder Architecture</i>

	Panel – Questions + Summary and Conclusions <i>Session 2 Speakers</i>		
1.00pm – 2.00pm	Lunch <i>With thanks to our day catering sponsor, ArborSafe</i>		
			
2.00pm – 3.20pm	Session 3: Tree management – Just a tree or asset?		
	3.1 Understanding the benefits of trees to guide future tree planting <i>Luke Dawson, ArborSafe</i>	3.2 Recognising Trees as assets: How to improve university tree management with limited time and resources <i>Rachael Miller, University of Melbourne</i>	3.3 Enhancing Biodiversity Values at Deakin <i>Sam Smith, Deakin University</i>
	Panel – Questions + Summary and Conclusions <i>Session 2 Speakers</i>		
3.20pm	Afternoon Refreshments		
3.50pm	Deakin University Campus site tour <i>This tour will include: micro grid site, the lakes system, revegetation sites, campus union green area, student residential sites and elite sports precinct</i>		
5.00pm	Day One Wrap-Up and Close <i>Spiro Fatouros, Deakin University</i>		
5.45pm – 10.00pm	Workshop Dinner, Waurm Ponds Estate  <i>For those attending, we invite you to bring along \$10 to partake in a game of 'heads & tails' to raise much needed funds for TEFMA's chosen charity partner, BrAshA-T. To find out more about this charity, please click here.</i>		
	<i>With thanks to our dinner sponsor, Pickwick Group</i>		
Day 2 Thursday, 7 November 2019			
8.30am	Registration Open		
8.50am - 9.00am	Day One Recap – Day Two Unpacked <i>Spiro Fatouros, Deakin University</i>		
9.00am	Site Tour to GMHBA stadium AFL Geelong Cats Tour of Facilities - back of house/ground inspection		
11.10am	Morning Refreshments		
11.40am – 1.00pm	Session 4: Turf vs Synthetic, challenges		
	4.1 Get more from your Turf - Hybrid Grass for Sports Fields and Landscapes <i>Erik Kinlon, HG Sports Turf</i>	4.2 International Turf Maintenance and Client Demands <i>Justin Lang, Melbourne & Olympic Parks</i>	4.3 A home for elite sports organisations within an operational university environment <i>Ian Wilson and Tony Kelly, City Football Group</i>

	Panel – Questions + Summary and Conclusions <i>Session 4 Speakers</i>	
1.00pm	Lunch <i>With thanks to our day catering sponsor, Programmed</i>	
		
2.00pm – 3.00pm	Session 5: People	
	5.1 Gaining ground when you outsource your landscape maintenance <i>Hamish Inglis, Landscape Solutions</i>	5.2 Mice vs Men: the best-laid plans often go awry <i>Elliott Shaw, University of Melbourne</i>
	Panel – Questions + Summary and Conclusions <i>Session 5 Speakers</i>	
3.00pm – 3.20pm	Wrap Up, Grounds Community of Interest, Close and Thank You	
	Time for a drink!!	

ABSTRACTS

Wednesday, 6 November

Keynote

The Art and Science of Placemaking – Creating Great Student Experiences

Gilbert Rochecouste, Village Well

Universities are becoming much more than learning institutions and are transforming into places to play, eat, meet, connect, and stay. Gilbert is recognised as one of the world's leading voices in Placemaking and will take us on a transformative journey into creating great and compelling student experiences. It's about creating places that people and students love.

Gilbert will present what makes a great place and what students want in the future from day and night experiences, great cultural food and beverages, global trends, pop-ups, and active and passive experiences. It's about creating a great village vibe that will make students linger longer and feel proud of their campus.

SESSION 1: SPACES: TEACHING/LEARNING/RECREATIONAL

1.1 The Versatile Campus – designing for study, socialising and sport

Lisa Howard, Director, T.C.L

Contemporary University landscapes are being reinvented. Once defined by the mediative calm of the cloister, they are now seeking new ways to engage with student life.

In an age of online and off-campus learning, university landscapes are now playing a critical role in both attracting and retaining staff and students and fostering meaningful engagement, conversation and participation. Open spaces are being developed not as decorative foregrounds to buildings, but to host staff, students and the wider community in a myriad of ways; whether it is meeting, studying, playing, exercising, partying, dining, promenading or escaping.

1.2 Monash University: from Plan to Place

Jocelyn Chiew, Manager, Design Quality & Planning, Monash University

Monash University adopted its first contemporary masterplans in 2010. Since then, its campuses at Caulfield and Clayton have transformed from aggregated hubs into cohesive, world-leading centres for learning, teaching, research, innovation and enterprise. Jocelyn has been on that journey since inception, first as a consultant working on these plans, to the person responsible for implementing them. Her talk will take attendees on a whirlwind tour of institutional change and curation, and examples of the ground-breaking environments that have emerged as a result.

Outcomes include: masterplanning principles, effecting cultural change, masterplan enablers, the importance of curation and design oversight, consultant procurement, design advocacy/review/value management, approaches to contemporary landscape design, integrated public art, intelligent maintenance.

1.3 Workshop – Placemaking “Making it Happen”

Gilbert Rochecouste, Village Well

Gilbert will give you the toolbox of the “how to’s” of Placemaking from:

- Powerful engagement processes
- Place activation ideas
- Working with diverse cultural groups and satisfying their needs
- DNA of a great place
- Place management and leadership

SESSION 2: SUSTAINABILITY

2.1 From paddocks to power – the Deakin Renewable Energy Microgrid

Michael Gibbs, Organisational Sustainability Officer, Deakin University

In 2019 Deakin began construction of an industrial scale, renewable energy Microgrid at the Waurin Ponds Campus in partnership with AusNet Services and Mondo Power.

Forming a part of the Geelong Future Economy Precinct at the campus, the Microgrid will utilise 14.5 hectares of land, and will consist of a 7 megawatt solar energy farm, battery storage system, and 250 kW of distributed rooftop solar on key campus buildings.

Overall the Microgrid will deliver a range of outcomes for the University, relating to energy supply, emissions reduction, sustainability,

teaching and research. It will also realise the full potential of otherwise underutilised land at the campus.

This presentation will provide an overview of the Microgrid project, and will focus on how renewable energy projects can be leveraged to deliver a broad range of valuable outcomes, including the enhanced management of campus grounds.

2.2 Sustainability in Irrigation

Richard Dilena, Irrigation Management Officer, City of Greater Geelong

Our green spaces are becoming increasingly valued for the wide range of health benefits they provide through active and passive recreation. Their importance in improving the liveability of our built environments through lowering temperatures, reducing stormwater runoff, improving microclimates, providing habitat, and reconnecting people with nature are also well recognised.

For green spaces and assets to meet these needs and increasing use demands they need to be functional, that is designed and maintained to support the type and level of intended use. Sustainability needs to be the overarching consideration in the design and maintenance of these assets, and for water in particular which is a key input for a green space to remain functional, 'making every drop count' is no longer an option but a fundamental requirement.

The presentation will look at a range of initiatives that have been implemented to better understand the water requirements of a site, how it is applied and managed, and the analysis of use – was it effective in maintaining the site.

2.3 Urban Sustainability – A UK perspective of an integrated city campus

Paul Bell, Partner, Ryder Architecture

Paul Bell, a partner at Ryder Architecture in the UK, will present an approach to sustainable urban campus design that is integrated into the fabric of the city. Sharing lessons from Ryder's extensive and ongoing involvement at Newcastle Helix, a comprehensive city centre urban regeneration in the north east of England, he will discuss how innovative architecture is combined within a network of green infrastructure and sustainable travel in this 24-acre testbed and collaborative ecosystem for public and private bodies that is unlike anything else in the UK.

In the context of an overarching vision of Living Better, the aim of Newcastle Helix is to help people live better lives: easier, healthier, smarter and longer. Newcastle Helix is an exemplar of sustainable urban development in the heart of a flourishing city, bringing together education, research, health, commercial workplace and living in a new innovation community with technology embedded throughout the site including the National Green Infrastructure Facility.

SESSION 3: TREE MANAGEMENT – JUST A TREE OR AN ASSET?

2.1 Understanding the benefits of trees to guide future tree planting

Luke Dawson, Consulting Arborist, ArborSafe

This presentation will look at the direct and indirect benefits of trees in the urban environment and how these should be considered when planning tree planting at your site.

2.2 Recognising Trees as assets: How to improve university tree management with limited time and resources

Rachael Miller, Sustainability Officer, University of Melbourne

This presentation will be based on my work for the University that involved an Urban Forest Project as a part of my Master of Environment.

The presentation will cover:

- Advantages of engaging Students in Grounds management and planning
- Importance of the campus landscape to the student experience
- Advantages of liaising with Academics on projects
- Case study of how UoM aims to maintain and improve its campus grounds into the future and how other university's may replicate this approach
 - Stakeholder engagement
 - Urban Forest Analysis
 - Species Selection Issues
 - Urban Forest Monitoring
 - Informing Planning Decisions

- Campus as a Living Lab, using the campus grounds as a teaching and learning tool
- Next Steps- a Urban Forest Strategy for the University

2.3 **Enhancing Biodiversity Values at Deakin**

Sam Smith, Environmental Sustainability Officer, Deakin University

Sam Smith, ESD Officer at Deakin University will outline the journey Deakin is taking to fulfil the 2030 aspiration of having biodiversity corridors established on Deakin's campuses in response to sustainability targets set as part of the commitment to the United Nations Sustainable Development Goals.

Enhancing the biodiversity values of Deakin's campuses is an exercise in collaboration and stakeholder engagement. Anticipating campus growth in the face of a changing climate with the ultimate aim being to ensure the natural environment is seen as a priority in master planning and design development.

Thursday, 7 November

SESSION 4: TREE MANAGEMENT – JUST A TREE OR AN ASSET?

4.1 Get more from your Turf - Hybrid Grass for Sports Fields and Landscapes

Erik Kinlon, HG Sports Turf

4.2 International Turf Maintenance and Client Demands

Justin Lang, Sports Field Coordinator, Melbourne & Olympic Parks

International events on the World Stage take years of planning and building relationships to make them run like a well-oiled machine. The maintenance of turf and the client demands are no different. I will take you through my experiences of what is involved to plan, maintain and prepare international venues for World Cups and other Sporting and non-sporting events.

4.3 A home for elite sports organisations within an operational university environment

Ian Wilson and Tony Kelly, City Football Group

Ian will talk to the challenges and opportunities of elite sports organisations working within an operational university environment and how (in the case of City Football Group and La Trobe University deal with these.

SESSION 5: PEOPLE

5.1 Gaining ground when you outsource your landscape maintenance

Hamish Inglis, Landscape Solutions

5.2 Mice vs Men: the best laid plans often go awry

Elliot Shaw, University of Melbourne

Invasive weed and pest species are one of the most significant threats to global biodiversity alongside climate change, overexploitation, pollution, deforestation and habitat loss. The importance of monitoring and controlling invasive species is critical to prevent the habitat destruction, competition and predation caused by these species that threatens the survival of many Australian native plants and animals. The complex array of all species and their interactions makes up what is known as biodiversity.

Each of us has an obligation to protect Australia's unique biodiversity, and invasive species control is part of that protection. Unfortunately, the control methods that are used carry their own risks to biodiversity. This talk aims to outline the risks involved with invasive species management and the importance of developing our practices with biodiversity as the central focus.