

Final Report

Where Should All the Trees Go? Delivering the Insights to Stakeholders

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NY17000

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Where Should All the Trees Go? Delivering the Insights to Stakeholders – NY17000

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Summary

Since 2013, the 202020 Vision program has supported and activated government bodies and organisations in their urban greening efforts in New South Wales, Victoria, Queensland, South Australia and Western Australia. One of the main ways this support has been activated is through a biennial national tour. The first in this series was the *Growing the Seeds* tour in 2014, followed by the *How to Grow an Urban Forest* tour in 2015/16.

Project NY17000 facilitated the third 202020 vision tour event *The Green Light Tour - turning urban greening policy into action*. The five-stop national tour was completed in the first half of 2018 and was designed to extend and share the 202020 Vision's 2017 *Where Should All the Trees Go?* report and research findings with key government, business and industry stakeholders.

The tour was run collaboratively to ensure local contextualisation and impact; engaging with key department staff at a local and state level, as well as other state agencies, landscape architects, local horticulturalists and other nursery industry members.

The Green Light Tour events allowed us to

- Identify key barriers and gaps in practitioners' knowledge and deliver tools to address these
- Inspire action and share solutions
- Help interpret policy directions into tangible, practical urban greening actions at the local level

Attended by over 450 urban greening professionals, including representatives from 81 local councils, the events were hugely successful in repositioning the 202020 Vision as the leading urban greening program in Australia after almost a year out of market. It was a valuable opportunity for the team to build relationships with key stakeholders and better understand the needs of our national network. It also provided an open forum for networking, collaboration and ideas sharing. Because of this the 202020 Vision team see high value in continuing to deliver national tours every two years.

Overall, the key findings from the events were

- the need for assistance in better designing and undertaking community engagement (to have a greater impact on greening private property) and
- the need for increased sector collaboration.

These will be useful for planning future events and for the continuation of the 202020 Vision program over the next five years.

The specific key themes from each event were:

- Victoria – Retaining and increasing greening on private property, urban greening as standard practice and the importance of accessible tree and canopy mapping tools and data
- South Australia – Retaining and increasing greening on private property, the role of the health department in urban greening and how to remain innovative with limited budgets
- Western Australia – Retaining and increasing greening on private property, approach to collaboration and infill development
- New South Wales – The importance of community engagement, the increasing pressure on streets to deliver myriad services and the continual need for more collaboration
- Queensland – Increasing cross-sector collaboration, data gathering (including the opportunity to pool resources) and the need for a clearer economic argument in the face of extensive regional development

For more detail on each event please see *Appendix 1*.

To ensure relevancy local case studies were also presented at each event including topics such as water sensitive urban design, how to build a community engagement campaign around a single message and using technology to move urban greening forward.

Keywords

Trees; urban forestry; policy; green space; implementation; local government

Introduction

Now in its sixth year, the 2020 Vision is a collaborative national initiative of over 400 industry professionals, councils, state and federal government bodies, businesses, not-for-profits and academic sectors, all working together to increase and improve urban green space by 2020.

One of the fundamental program activities over the years has been the series of national events held to facilitate the dissemination of key findings from the 2020 Vision team's work and to better understand the needs of key stakeholders.

1. *The Growing the Seeds Tour (2014)*

The *Growing the Seeds Tour* helped to develop the 2020 Vision Plan. This document summarised all the collaborative solutions found through engaging with tour participants and defined the strategic direction for the program. One of the solutions was the *How to Grow an Urban Forest* resource, which was inspired by the City of Melbourne's world-class urban forestry practices and resulted in the 2015 *How to Grow an Urban Forest* tour.

2. *How to Grow an Urban Forest Tour (2015/16)*

Attended by almost 1,000 people, the *How to Grow an Urban Forest Tour* supported local governments in connecting with one-another and their respective State Governments to further urban forestry practices in their local area. This tour demonstrated that there was a great need for accurate and up-to-date canopy and heat measurement information. In response, the 2020 Vision team recommended that Hort Innovation commission a follow up piece of applied research – *Where Should All the Trees Go?*

The *Where Should All the Trees Go?* report built on the *Where Are All the Trees?* report by measuring urban canopy cover but also adding socio-economic and heat data to identify the areas where urban greening was most needed. These documents were shared with individual Local Government representatives however it was also necessary to discuss these findings further with our network. The *Green Light Tour – turning policy into action* provided a forum for this and enabled the 2020 Vision to gauge the current needs of our stakeholders.

In collaboration with our event partners, we curated a list of speakers and workshops that provided urban greening policy insights, practical advice on the implementation of these policies, relevant localised case studies and tips and tricks to get the community involved. The program for each event included updates from the relevant state department (usually either Planning or Environment), academics and local experts.

Methodology

Each event was designed and programmed in consultation with a state-specific working group, who were vital to the planning process in ensuring the events were contextually relevant to each state. Each working group had a minimum of three partner organisations and included at least one state government body. To design the working groups, we proactively engaged key government department staff at a local and state level, as well as other state agencies, landscape architects, local horticulturalists and other nursery industry members.

In collaboration with the working groups, we designed programs that included a mix of both local and interstate speakers to share information on the latest tools and implementation techniques to address the most urgent needs of the localised urban greening sector. In each state, this included informing and developing skills in mapping, analysis and design based on the findings of the *Where Should All the Trees Go?* report.

The partners for each of the events are as follows:

- The Victoria event was held in partnership with the Department of Environment, Land, Water & Planning, The City of Melbourne, The Clean Air and Urban Landscapes Hub and with the support of Resilient Melbourne, the Living Future Institute Australia and The Nature Conservancy Australia.
- The South Australian event was held in partnership with the Adelaide and Mount Lofty Ranges Natural Resources Management Board, the Clean Air and Urban Landscapes (CAUL) Hub and with the support of Water Sensitive SA, SA Water, TREENET, Seed Consulting Services and AILA SA.
- The Western Australian event was held in partnership with the Eastern Metropolitan Regional Councils, the Clean Air and Urban Landscapes Hub and with the support of the Department of Planning, Lands and Heritage, the Western Australian Local Government Association, New Water Ways, AECOM and the Parks Managers Group.
- The New South Wales event was held in partnership with the Office of Environment and Heritage (OEH) and the Clean Air and Urban Landscapes (CAUL) Hub, and with the support of the Western Sydney Regional Organisation of Councils (WSROC) and the Splash Network.
- The Queensland event was held in partnership with the Clean Air and Urban Landscapes (CAUL) Hub and with the support of the Office of the Queensland Government Architect and Lyndal Plant Urban Forester.

Invitations to the events were distributed to our list of key stakeholders and former tour attendees, they were also shared by the working group members to ensure that the events captured newcomers to the sector.

Outputs

- 1 x 5.5-hour event held in Melbourne, Victoria
- 1 x 5.5-hour event held in Perth, Western Australia
- 1 x 5.5-hour event held in Adelaide, South Australia
- 1 x 5.5-hour event held in Sydney, New South Wales
- 1 x 5.5-hour event held in Brisbane, Queensland
- 1 x National tour report delivered, including summarized learnings and recommendations (see Appendix 1)
- 1 x Victorian event report delivered (see Appendix 1)
- 1 x Western Australian event report delivered (see Appendix 1)
- 1 x South Australian event report delivered (see Appendix 1)
- 1 x New South Wales event report delivered (see Appendix 1)
- 1 x Queensland report delivered (see Appendix 1)

Outcomes

This project helped achieve the following outcomes

- The latest research, industry tools and case studies were shared with over 450 attendees.
- Each attendee received an update on what each level of government is doing regarding urban greening and who to get in touch with to learn more.
- Local advisory teams established in each state to better educate the 2020 Vision team on what's needed at a state level (including state government members).
- Strong relationships were built with state departments in each state.
- Each state department now has a better understanding of the work the 2020 Vision does and where we can help assist them in achieving their targets.
- A state representative from the Nursery and Garden Industry Association attended each event.
- Clear understanding gained of each state's urban greening context to inform the strategic direction of the 2020 Vision moving forward.

Key insights and learnings from each event are expanded upon below.

Victoria

- Private property will increasingly dominate the urban greening conversation as local councils look beyond the land that they can control.
- The health & wellbeing benefits of plants and trees will increasingly become a stronger lever to create change in community perceptions to urban greening.
- There is still extensive work to be done on changing community perceptions of plants and trees.
- Embedding urban greening into business as usual is a concern for the sector, they feel urban greening is currently 'trending' and want to ensure progress is not lost if it is no longer front of mind.

South Australia

- Retaining and increasing green space on private property is an increasingly pressing concern.
- The health department in South Australia is playing a very active role in urban greening and are willing to put both time and money into its development.
- Local councils are looking at innovative ways to engage with local communities, these include tree tags, increasingly using edibles and developing resources such as Urban Forest Interactive (developed by the City of Burnside).
- South Australia is very much a leader in the integration of water sensitive urban design (WSUD) and as a result will hopefully be planting a more future proof urban forest.
- There is strong demand for the development of best practice pilot projects across areas such as WSUD, verge planting and heating/cooling benefits.

Western Australia

- The most successful councils in retaining and increasing urban green space have had strong budget allocations and have been relentless in their planting, even when their mapping data showed little change.
- Key industry leaders such as Ian Hunter from the City of Stirling (also the chair of the Parks Managers Group)

have been instrumental in breaking down silos to increase collaboration and knowledge sharing between local councils.

- Drought and water stress is a consistently dominant conversation.
- Local governments are eager to see the state government provide legislative protection for significant trees to help combat the level of clearing that is currently happening on private property.
- In the City of Stirling, two thirds of tree loss is happening on residential land.
- 88.8% of all urban local councils in Western Australia attended the event on the day which is a great indicator of the appetite of local government for events of this nature.

New South Wales

- The pressure for increasing plants and trees is entirely on public spaces and specifically streets, the conversation rarely went anywhere near discussing losses on private property and the backyard was only raised once in the public discussion.
- Storm water management and incorporating WSUD principles are pressing priorities across both grey and green infrastructure.
- Questions remain regarding the *Five Million Trees* funding announcement; local councils feel unclear about how this funding mechanism will work and how it can be accessed.
- It is vital for infrastructure managers such as the Roads & Maritime Services to be more involved in urban greening conversations and events moving forward. Ideally this would also extend to energy/water providers. Greening the West is a model organisation for what this looks like and is something that WSROC is hopeful to establish.
- Local councils continue to struggle with staff working in silos, which is detrimental to increased urban greening.

Queensland

- Of the attendees, only three had attended a 2020 Vision tour event in the past. This shows how important it is for us to have a strong(er) presence in Queensland moving forward as appetite is expanding. It may also be evidence of the high level of turn-over in the sector.
- In terms of their urban greening journey, Queensland is further behind the other states. Rather than focusing on implementation of policy, the emphasis is still on developing and establishing policy.
- There is an opportunity to better collaborate with Queensland Health as well as the Department of Transport and Main Roads. Both organisations will also have substantial funds to contribute to the sector which is big positive for many councils struggling with resources.
- The *Where Should All the Trees Go?* report was referenced extensively in the presentations on the day and appears to have been a keystone document for progressing urban greening in the state.
- The urban greening sector in Queensland appears eager to increase collaboration and appreciated the chance to network together at the event

Monitoring and evaluation

These events are incredibly important for the following reasons

- The 2020 Vision must have an ongoing physical presence in each state. While there are shared national interests, each state has specific needs based on their specific contexts.
- These events provide greening experts across the country with the opportunity to come together, reconnect or form new connections, and learn from and inspire each other.
- It is vital that we continue to share the latest urban greening research and best practice case studies with our network.

A national tour event series is the best format for this for three main reasons:

- Many individuals are busy working on their individual mandates and tour events give them an opportunity to step back from their day-to-day tasks and connect with and learn from others.
- Staff turnover in local councils is high, and it is important for us to continually touch base with new members of the urban greening sector.
- Our network is diverse and event attendees include researchers, urban foresters, arborists, landscape architects, urban planners and state and local government representatives. Having a myriad of professionals in one room leads to a more cohesive network with increased collaboration, which is imperative to our mission.

As outlined above, it is clear that there is a strong need for ongoing annual tours. This is why biennial tours have been included and scoped in the proposed five-year 2020 Vision strategy.

Verbal feedback from the events is outlined below.

- *“I was amazed at the depth of information on the day and the collective knowledge that the discipline holds”* – Anonymous Attendee
- *“Wow, Helen & Joe’s presentations will be really useful in my day-to-day tasks”* – Anonymous Attendee
- *“Great to see the 2020 Vision progressing. Never has this work been more important”* – John Bergin, Impact Asset Finance
- *“Congratulations on a successful day full of great interactions and presentations! What a great program and flow of presenters - all of whom hit the mark for me and their recurring and interwoven themes. I especially appreciated Helen Rowe’s grass roots approach presentation!”* – Glenn Williams from TREENET
- *“Great seminar on Tuesday, thank you for coming to Adelaide”* - Sam Phillips from Natural Resources Adelaide and Mt Lofty Ranges (DEWNR)
- *“I got a lot out of the day, especially the morning and hearing from the state government. As you can tell from my question yesterday, I am really interested in next steps to overcoming the circular argument of the state government or local council being the one to blame”* – Vic Bijl from the City of Belmont
- *“I am looking forward to the presentations going on the website, there was really valuable content in them from people that we don’t usually have access to”* – Alexandra Isaac from City of Canning
- *“Thanks for yesterday. It was informative and enjoyable. I made some vital connections and have had a few people already follow up with me to learn more about what we are doing with internal stakeholder engagement. Thank you for the opportunity to present”* – Katie Denoon from Sutherland Shire
- *“Thank you for hosting the Green Light Tour! It was a great day and great turnout!”* – Suzanne Dunford from the Office of Environment & Heritage

- *“I found the day very useful to reconnect with what other organisations are doing and where strategic planning in greater Sydney is heading. It is important that we keep breaking out of our silos and work together on this”* – Penny Colyer from Ku-ring-gai Council
- *“Thank you so much for a great Queensland Green Light tour event today. I heard great feedback and enjoyed playing my part!”* – Lyndal Plant from Lyndal Plant Urban Forester
- *“We all had a great day at the Green Light Tour. I think everyone got a lot out of it and it was so good to see so many people passionate about making a difference for urban greenery”* – Kristen Dangerfield from Brisbane City Council
- *“Thank you so much for putting today together, it was really great to meet so many new people and get a chance to network”* – Cassandra Brown from City of Gold Coast

Recommendations

As outlined previously, the 202020 Vision sees high value in continuing to deliver national tours every one to two years. Engaging with our network in this way is fundamental in maintaining the quality, relevance and significance of the living network.

In the meantime, however, there are several opportunities we can pursue.

These include:

- Develop a community engagement kit to address a key need of local councils (to get residents involved in and supportive of urban greening) in the next 12 months.
- Create localised 202020 Vision LinkedIn groups.
- Work closely with The Bravery to develop a guide for local councils on how to gain media coverage on positive urban greening projects.
- Develop relationships with the health departments and main roads departments in each state.
- Better document and share best practice case studies through the 202020 Vision's monthly newsletter and LinkedIn group.

Intellectual property, commercialisation and confidentiality

No project IP, project outputs, commercialisation or confidentiality issues to report

The Green Light Tour

Victoria Event - 26 February, 2018

What is it?

The Green Light Tour – turning urban greening policy into action, is the first event in the 202020 Vision Urban Forestry tour series.

Since the National Urban Forestry Masterclass held at Melbourne Town Hall in June 2015, Victoria has led progress on urban forestry, key policy developments include:

- Plan Melbourne Refresh
- The Metropolitan Urban Forestry Strategy
- The funding of the Urban Monitor

While a favourable policy direction has been set by the state government and the majority of local governments have an urban forestry or equivalent urban greening program in place there are still a range of challenges and opportunities that we as 20V are working to address in collaboration with our partner network.

The purpose of this five-stop national tour is to:

- Identify key barriers and gaps in knowledge among practitioners
- Inspire action and share solutions
- Help interpret policy directions into tangible, practical urban greening at the local level.

Who were our partners?

The Victoria event was held in partnership with the Department of Environment, Land, Water & Planning, The City of Melbourne, The Clean Air and Urban Landscapes Hub and with the support of Resilient Melbourne, the Living Future Institute Australia and The Nature Conservancy Australia.

Learnings from the day

This sellout event, confirmed that there is strong interest and appetite among the sector to learn, network and obtain practical and useful knowledge. It reaffirmed what we learned through our consultation over the last 18 months – where policies do exist, local councils are very much focused on implementation.

The key topics covered on the day were; a changing climate and its impact on species selection, the necessity of better community engagement to work together on greening efforts, how local councils can better collaborate to overcome shared barriers and how technology is helping us better monitor the urban forest.

The key learnings from the day included:

- Private property will increasingly dominate the urban greening conversation as local councils look beyond the land that they can control
- The health & wellbeing benefits of plants and trees will increasingly become a stronger lever to create change in community perceptions to urban greening
- There is still extensive work to be done on changing community perceptions of plants and trees
- Embedding urban greening into business as usual is a concern for the sector, they feel urban greening is currently 'trending' and want to ensure progress is not lost if it is no longer front of mind

Lastly, it also became evident throughout the day as the audience engaged with the content and raised questions that need attention in the sector that it would be worthwhile for a Green Cities representative to attend the tour events in a listening capacity. Many research opportunities were identified in the team discussions and during the panel discussion by the attendees and circulating that information back to Green Cities will ensure that the research they fund will be fulfilling the most urgent research needs.

Attendees on the day included:

- 6 State government departments
- 19 Local councils
- 4 Universities
- 33 independent experts

More than half of the audience on the day had never attended a 202020 Vision event and it was great to discover that our efforts to continue reaching new audiences have been successful.

What attendees said

"I was amazed at the depth of information on the day and the collective knowledge that the discipline holds" – Anonymous Attendee

"It was a brilliant day, thank you!" – Anonymous Attendee

"Today provided a great update on the latest planning changes and where we are at as a sector" – Anonymous Attendee



“Thank you for the neighbourhood engagement ideas, I learnt so much from Helen’s presentation” – Anonymous Attendee

“Wow, Helen & Joe’s presentations will be really useful in my day-to-day tasks” – Anonymous Attendee

“I am leaving today inspired and with lots of ideas to implement into our council” – Anonymous Attendee

“People appeared to really get what they wanted out of the day, congratulations on a great day. I am now arranging for Jack Davis to come into Council to present on their Burwood Brickworks project” –Dr Cathy Oke, Clean Air and Urban Landscapes Hub

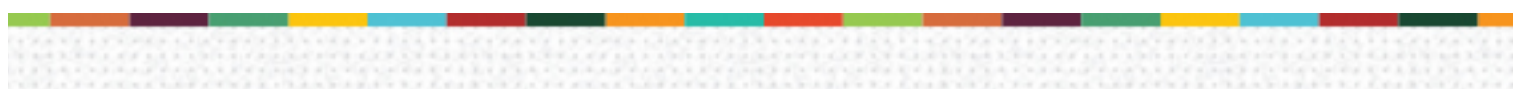
“What a great group of people to have in attendance and many of them new to 202020 Vision which was great to see. Thank you for the opportunity to work together and present” – Martin Hartigan, The Nature Conservancy Australia

“Great to see 202020Vision progressing. Never before has this work been more important” – John Bergin, Impact Asset Finance

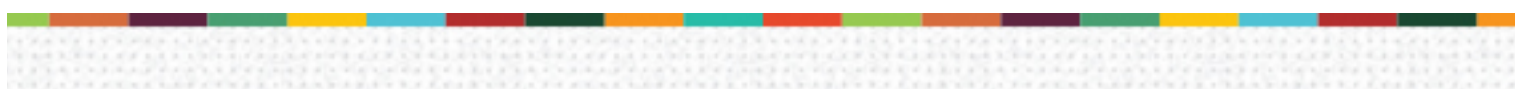
Program

VIC Runsheets			
Time	Details	Speaker	Presentation title
Bump in: 8am	Set up	Set up	
08:00			
8.30am	Official start	Registration & Coffee	
8.45am	Welcome	20V	Opening of the day
8.50am	Welcome to Country	Uncle Bill Nicholson	Welcome to Country
09:00	State of Play	Session 1	
9.00am	20V - Brief refresher followed by three ways to engage.	Jess Miller , Program Advisor, 202020 Vision	A program update, what have we achieved and what is next
9.10am	What DELWP is up to: set the scene in regards to current policy context and talk	Rebecca Collins , Director Planning Projects,	Urban greening at a State level

	a little about Plan Melbourne + how it plays into TNC work	Department of Environment, Land, Water & Planning	
9.25am	What Resilient Melbourne & TNC have been working on: expand on the workshops with LGA's	Martin Hartigan , Urban Conservation Manager, The Nature Conservancy	Melbourne Metropolitan Urban Forest Strategy
9.40am	What has been happening in local councils, what common barriers they are facing and how the state work could be best designed to help	Meg Caffin , Principal, Urban Forest Consulting	What's happening locally: Urban Forestry at LGA level
10:00	Q&A: For attendees to better understand more about the state of play	Cathy Oke , Knowledge Broker, Clean Air and Urban Landscapes (CAUL) Hub	Facilitate Q&A with the session 1 presenters
10.20am	*wiggle room*	Buffer	
10.30am	Morning Tea	Morning Tea	
10.50am	Deep Dive	Session 2	
10.50am	Urban Monitor work in VIC including what the outputs will look like, how the data will be presented, what date it will be available from and how to apply it to the policy changes on the horizon (1-2 questions at the end)	Joe Hurley , Associate Professor, Clean Air and Urban Landscapes Hub & RMIT University	Monitoring the urban forest and land use change
11.10am		Dave Kendal , Clean Air and Urban Landscapes Hub & University of Tasmania (to be presented by Cathy Oke)	Global environmental change and the global urban forest
11.30am	*wiggle room*	Buffer	
11.35am	Follow on from Dave Kendall work - Best practice tree planting guide (1-2 questions at the end)	Dave Callow , Team Leader - Urban Forest and Ecology, City of Melbourne	Future Forests - Putting tree data into action in the City of Melbourne
11.55am	Engaging community in a genuine way that leads to building rapport and sustainable outcomes, including examples of success (1-2 questions at the end)	Helen Rowe , Head of Innovation and Strategy, The Co-design Studio	Driving innovation in our communities through engagement
12.15pm	Burwood Brickworks (1-2 questions at the end)	Jack Davis , Development Manager, Retail Frasers Property Australia	The World's Most Sustainable Shopping Centre



12.35pm	*wiggle room*	Questions	
12.40pm	Lunch	Lunch	
1.15pm		Session 3	Round-robin deep dive session
1.15pm		<p>Facilitated by:</p> <p>Joe Hurley, Associate Professor, Clean Air and Urban Landscapes Hub & RMIT University</p> <p>Cathy Oke, Knowledge Broker, Clean Air and Urban Landscapes Hub</p> <p>Dave Callow, Team Leader - Urban Forest and Ecology, City of Melbourne</p> <p>Helen Rowe, Head of Innovation and Strategy, The Co-design Studio</p> <p>Meg Caffin, Principal, Urban Forest Consulting</p>	Maximising the benefit of data & knowledge sharing
2.00pm	Close	Close	



The Green Light Tour West Australian Event – 1 May, 2018

What is it?

The Green Light Tour – turning urban greening policy into action, is the third event in the 202020 Vision Urban Forestry tour series.

The purpose of this five-stop national tour is to:

- Identify key barriers and gaps in knowledge among practitioners
- Inspire action and share solutions
- Help interpret policy directions into tangible, practical urban greening at the local level.

Since the Urban Forestry Masterclass was held in Perth in October 2015, Western Australia has continued to progress on urban greening, the key developments have included:

- Perth & [Peel@3.5million](#) was released, this is a framework document for land use planning and infrastructure. Importantly it outlines the government's ideal balance between infill and Greenfield development (note work on the Green Growth Plan has been suspended until there has been a critical review of the ongoing costs, risks and benefits for Western Australia).
- The planning department is in the final stages of a draft Urban Tree Canopy Framework which will contain various how-to guides, including a guide to developing an urban forest strategy and a toolbox with both communication and stakeholder engagement guides
- The state government invested in Urban Monitor, the highest quality urban canopy mapping currently available. All of this data has been made freely available to WA LGAs
- State Planning Policy 7 was released, including a Neighbourhood Design document. This document includes provisions for improving verges and streetscapes, mandates 1 large canopy tree per lot and the need for deep soil provisions

While a favourable policy direction has begun to be set by the state government and many local governments have an urban forest strategy or equivalent policy in place, 202020 Vision is now working in collaboration with our partner network to address challenges and opportunities that are arising around the implementation of these policies.

Who were our partners?

The Western Australian event was held in partnership with the Eastern Metropolitan Regional Councils, the Clean Air and Urban Landscapes Hub and with the support of the Department of Planning, Lands and Heritage, the Western Australian Local Government Association, New Water Ways, AECOM and Parks Managers Group.

Learnings from the day

The Western Australian event was held in the City of Bayswater at the same venue as previous 202020 Vision events. Approximately 100 attendees were at the event on the day and engagement throughout the entire day was high through questions, mingling and information sharing.

The event was opened by John Carey, Parliamentary Secretary to the Premier; Minister for Public Sector Management; State Development, Jobs and Trade; Federal-State Relations; Parliamentary Secretary to the Minister for Transport; Planning; Lands. Mr. Carey set the tone for the day, outlining the importance of urban green space in rapidly growing city of Perth and the need for all levels of government to play complementary roles in delivering urban greening policy.

The key topics covered in the presentations on the day were; a changing climate and its impact on species selection, the role of green infrastructure in a water sensitive city, retaining and increasing tree canopy cover on city land and private property, and building a community engagement campaign around a single message.

In response to these and points raised by the audience in the panel discussion, conversations on the day continued to circle around three key themes; **sector culture (approach to collaboration and attitudes to community)**, **infill development**, and **greening on private property**.

The key learnings from the Western Australian event were:

- The blame game between state and local government continues to slow down productivity on urban greening
- Following on from the above, there is a tension rising as to what's needed next; Mr. Carey described a need for more LGA action before communities can truly be engaged in the private retention conversation, but the LGA attendees were more focused on community engagement as a key next step
- Councils that have been the most successful at retaining and increasing urban green space have had strong budget allocations and have been relentless in their planting, even when their mapping data showed little change

- Key industry leaders such as Ian Hunter from the City of Stirling, who is also the chair of the Parks Managers Group, have been instrumental in breaking down silos to increase collaboration and knowledge sharing between local councils
- Drought and water stress is a dominant conversation, this not only includes a lack of water but also the level of alkaline vs acid in the bore water that is being brought up, once again putting the spotlight on the importance of species selection for future plantings
- A few local councils have tried tree bonds and other financial valuing of trees with varying levels of success but no one has found a way to address pre-DA clearing and ultimately found financial methods of control still miss the point where the most damage is being made
- Local governments are eager to see the state government provide legislative protection for significant trees to help combat the level of clearing that is currently happening on private property
- In the City of Stirling, 2/3 of tree loss is happening on residential land, until communication with communities improve, losses will continue happening at a rapid rate

Finally, there is a risk that key stakeholders believe that everyone understands the benefits of plants and trees because they have been having these conversations for a long time now. This is a risky culture shift as increasing complacency around knowledge sharing will only have negative impacts on the need to share this vital knowledge with broader audiences, such as internally at council and with the broader community.

Attendees on the day included:

- 7 State government departments
- 24 Local councils
- 2 Universities
- 39 independent experts

88.8% of all urban local councils in Western Australia attended the event on the day, this is a great indicator of the appetite of local government for events of this nature.

What attendees said

“A really fantastic day, it was great to be involved thanks”. – Bryce Bunny from the Department of Planning, Lands and Heritage

“I really enjoyed the morning session and hearing from all levels of government” - Local Councilor



“I got a lot out of the day, especially the morning and hearing from the state government. As you can tell from my question yesterday, I am really interested in next steps to overcoming the circular argument of the state government or local council being the one to blame”. – Vic Bijl from the City of Belmont

“I am looking forward to the presentations going on the website, there was really valuable content in them from people that we don’t usually have access to”. – Alexandra Isaac from City of Canning

Program

8.30am	Registration & Coffee	
8.45am-ish	20V	
8.50am	Ingrid Cumming	
9.00am	Mr. John Carey, Parliamentary Secretary to the Premier; Minister for Public Sector Management; State Development, Jobs and Trade; Federal-State Relations; Parliamentary Secretary to the Minister for Transport; Planning; Lands	
9.10am	Session 1: The State of Play	
9.10am	Lucy Jackson, Account Director, 202020 Vision	A program update, what have we achieved and what is next
9.20am	David MacLennan, Assistant Director General, Department of Planning, Lands and Heritage	State Government Update
9.40am	Paul Lanternier MPLA – Manage Parks and Reserves Services, City of Armadale	City of Armadale – Urban Forest Strategy “Our Tree Change Journey”
9.55am	Facilitator: Shelley Shepard, Program Manager, New Water Ways David MacLennan, Assistant Director General, Department of Planning, Lands and Heritage Paul Lanternier, Manager of Parks Services, City of Armadale	

	Mark Batty, Executive Manager - Environment and Waste, WALGA	
10.15am	Buffer	
10.20am	Morning Tea	
10.50am	Session 2: Deep Dive	
10.50am	Dave Kendal, Senior Lecturer, University of Tasmania & Clean Air and Urban Landscapes Hub (Presented by Dr Cristina E. Ramalho, Post-doctoral Research Fellow, Clean Air and Urban Landscapes Hub)	Global Environmental Change and the global urban forest
11.10am	Shelley Shepard, New Water Ways	How green infrastructure contributes to a water sensitive city
11.30am	Buffer	
11.35am	Ian Hunter, Manager Parks & Sustainability, City of Stirling	Retaining and increasing tree canopy cover on city land and private property
11.55am	Ben Peacock, Founder & Partner, Republic of Everyone	Building a community engagement campaign
12.15pm	Questions	
12.20pm	Lunch	
1.10pm	Session 3: Interactive Communication Workshop	
1.10pm	Workshop chaired by Ben Peacock, Director, Republic of Everyone	
2.00pm	Close	

The Green Light Tour

South Australian Event - 27 March 2018

What is it?

The Green Light Tour – turning urban greening policy into action, is the second event in the 202020 Vision Urban Forestry tour series.

The purpose of this five-stop national tour is to:

- Identify key barriers and gaps in knowledge among practitioners
- Inspire action and share solutions
- Help interpret policy directions into tangible, practical urban greening at the local level.

Since the Urban Forestry Masterclass was held in Adelaide in September 2016, South Australia (SA) has continued to progress on urban greening, the key developments have included:

- Releasing an updated 30-year plan with a focus on urban greening and water sensitive urban design (Under this, urban greening guidelines are also being established)
- The City of Adelaide launched the Green City Grant Program to increase greening on privately owned property
- Healthy Parks and Healthy People was launched as a collaboration between DEWNR and the Department for Health and Ageing
- The Department of Planning, Transport and Infrastructure released the Planning and Design Codes (A consolidation of South Australia's 72 development plans into one clear planning rule book)

While a favourable policy direction has been set by the state government and the majority of local governments have an urban forest strategy or equivalent policy in place, the 202020 Vision is now working in collaboration with our partner network to address challenges and opportunities that are arising around the implementation of these policies.

Who were our partners?

The SA event was held in partnership with the Adelaide and Mount Lofty Ranges Natural Resources Management Board, the Clean Air and Urban Landscapes (CAUL) Hub and with the support of Water Sensitive SA, SA Water, TREENET, Seed Consulting Services and AILA SA.

Learnings from the day

The Adelaide event was held at the Office for Design and Architecture SA (ODASA) office at 28 Leigh Street and was attended by 80 urban greening experts. The urban greening sector in South Australia has a strong focus on collaboration which is driven by a shared vision of more urban green space. This is a very agile, action-focused and productive space for the 202020 Vision to contribute to.

The key topics covered on the day were:

- the use of heat mapping to inform green infrastructure investment
- best practice for translating the cooling benefits of trees into tools
- the necessity of better community engagement to work together on greening efforts
- utilising innovation to communicate the broad value of trees in creating more livable neighbourhoods.

The key learnings from the day continued to build on those that were garnered from the Victorian event. For SA these included:

- Retaining and increasing green space on private property is an increasingly pressing concern as greening public property continues to become business as usual.
- The health department in South Australia is playing a very active role in urban greening and are willing to put both time and money into its development.
- Local councils are looking at innovative ways to engage with local communities, these include tree tag implementation, increasing planting of edibles and developing resources such as Urban Forest Interactive.
- SA is very much a leader in the integration of Water Sensitive Urban Design (WSUD) and as a result will hopefully be planting a more future proof urban forest.
- There is strong demand for the development of best practice pilot projects across areas such as WSUD, verge planting and heating/cooling benefits.

As far as challenges, in addition to the complex problem of private property, attendees also raised concerns around a change in government (a state election took place a week before the event and there was a shift in government for the first time in 16 years) and ongoing funding provisions.



Attendees on the day included:

- 8 state government departments
- 14 local councils
- 3 Universities
- 19 independent experts

Many of the attendees had previously engaged with the 202020 Vision and were excited to see that the program's focus encompassed implementation as well as policy.

What attendees said

"Thank you for involving Seed Consulting Services in the Green Light Tour event – it was a great day!" – Jenni Garden from Seed Consulting Services

"Congratulations on a successful day full of great interactions & presentations! What a great program & flow of presenters - all of whom hit the mark for me and their recurring & interwoven themes. I especially appreciated Helen Rowe's grass roots approach presentation!" – Glenn Williams from TREENET

"Great seminar on Tuesday, thank you for coming to Adelaide." - Sam Phillips from Natural Resources Adelaide and Mt Lofty Ranges (DEWNR)

Program

SA Runsheets			
Time	Details	Speaker	Presentation title
Bump in: 8am	Set up	Set up	
08:00			
8.30am	Official start	Registration & Coffee	
8.45am- ish	Welcome	20V	
8.50am	Welcome to Country	Lynette Crocker	
9.00am	20V - Brief refresher followed by three ways to engage.	Meg Frawley, Program Manager, 202020 Vision	A program update, what have the program has

			achieved and what is next
9.10am	State of Play	Session 1	
9.10am	Setting the scene from a state perspective, what has happened since we last toured and where are things moving	Alison Collins, Manager, Planning Reform, Department of Planning, Transport and Infrastructure & Mellissa Bradley, Program Manager, Water Sensitive SA	Planning reform: Where are the opportunities for green infrastructure?
9.40am	An update on LGAs progress, insight into shared barriers and ways that councils and collaborate to overcome them	Tim Kelly, Resilient East Project Coordinator (& City of Unley)	What is happening in local government, policy changes and opportunities for collaboration
9.55am	Panel Q&A	Facilitator: Jenni Garden, Seed Consulting Services	
10.15am	*Buffer*	Buffer	
10.20am	Morning Tea	Morning Tea	
10.50am	Deep Dive	Session 2	
10.50am	Lever 1	Mark Siebentritt, Director, Seed Consulting Services	Heat Mapping to inform green infrastructure: from inspiration to action
11.10am	Lever 2	Kerry Nice, Postdoctoral Research Fellow, University of Melbourne, Monash University & CRC for Water Sensitive Cities	Designing liveable citing through heat mitigation: tools to translate knowledge into design
11.30am	*Buffer*	Buffer	
11.35am	Communicating all of these levers to residents and genuinely engaging them to make decisions	Helen Rowe, Head of Innovation & Strategy, The Co-Design Studio	Driving innovation in our communities through engagement
11.55am	Innovative solutions to sharing the broad value of trees to the community	Ben Seamark, Coordinator Operations, City of Burnside	I love trees because trees are messy - turning idea into action
12.15pm	*Buffer*	Questions	

12.20pm	Lunch	Lunch	
1.10pm		Session 3	Round-robin deep dive session
1.10pm		<p>Table 1: Mark Siebentritt, Director, Seed Consulting Services</p> <p>Table 2: Kerry Nice, Postdoctoral Research Fellow, University of Melbourne, Monash University & CRC for Water Sensitive Cities</p> <p>Table 3: Helen Rowe, Head of Innovation & Strategy, The Co-Design Studio</p> <p>Table 4: Ben Seamark, Coordinator Operations, City of Burnside</p>	
2.00pm	Close	Close	

The Green Light Tour

New South Wales Event – 5 June, 2018

What is it?

The Green Light Tour – turning urban greening policy into action, is the third event in the 202020 Vision Urban Forestry tour series.

The purpose of this five-stop national tour is to:

- Identify key barriers and gaps in knowledge among practitioners
- Inspire action and share solutions
- Help interpret policy directions into tangible, practical urban greening at the local level.

The New South Wales event was the fourth event in the national tour. In the year preceding the event, the New South Wales government made two landmark announcements in regards to urban greening. These include:

- The Greener Places document was released by the Government Architects Office in October 2017. This document was designed to establish an urban green infrastructure policy for New South Wales and contained two key statements;
 - Firstly, in this document, the state government positioned green infrastructure as essential infrastructure and of equal value to grey
 - Secondly, it set a statewide target of raising canopy cover from 16.8% to 40% canopy cover
- The Five Million Trees project was announced in April 2018 by the newly formed Open Spaces and Parklands team in the Department of Planning. To be achieved by 2025, this audacious goal will have a big impact on the canopy cover of Greater Western Sydney.
 - This announcement not only included the pledge to support the planting of five million trees in Greater Western Sydney but also \$37.5m in funding to support planting, to acquire more open spaces and to create inclusive playgrounds.

These announcements mark a notable shift in the state governments approach to urban greening and helped set the stage for the Green Light Tour event where we discussed *how* these targets will be achieved and by *whom*.

Who were our partners?

The New South Wales event was held in partnership with the Office of Environment and Heritage (OEH) and the Clean Air and Urban Landscapes (CAUL) Hub, and with the support of the Western Sydney Regional Organisation of Councils (WSROC) and the Splash Network.

Learnings from the day

The New South Wales event was held in Parramatta with over 95 attendees curious to see how the recent State Government announcements are to be implemented.

The day kicked off with updates from Fiona Morrison, the Commissioner for Open Space & Parklands and Rod Simpson, the Environment Commissioner for the Greater Sydney Commission. They both shared strong visions for the future greening of Greater Sydney and answered questions alongside Charles Casuscelli, CEO of WSROC on the morning panel.

Key topics presented on the day included; creating a shared vision within council, alternative approaches to incorporating urban greening, the role of the street in achieving canopy targets, incorporating trees into streets while taking safety into account, monitoring urban heat and green cover in a changing climate, the role of collaboration in the urban greening sector and the future of species selection in a changing climate. The final presentation on the day was delivered by Leigh Staas on behalf of the Which Plant Where research group, a Green Cities co-funded project.

In response to these and points raised by the audience in the panel discussion, conversations on the day continued to circle around three key themes; **the importance of community engagement, the increased pressure on streets to deliver a myriad services and the continual need for more collaboration.**

The key learnings from the New South Wales event were:

- The pressure for increasing plants and trees is entirely on public spaces and specifically streets, the conversation rarely went anywhere near discussing losses on private property and the backyard was only raised once by the Open Spaces and Parklands commissioner.
- The New South Wales planning sector refers to previous planning as being transit-oriented development and they are now aiming to move to parkland-oriented development.
- Storm water management and incorporating water sensitive urban design (WSUD) are pressing priorities across both grey and green infrastructure.
- The 'elephant in the room' is funding, especially in regards to the Five Million Trees announcement, local councils feel unclear about how this funding mechanism will work



and how it can be accessed. The Commissioner asked the audience to share their comments and suggestions with her via direct email but didn't offer any further details

- We need to move beyond simply talking about and promoting urban greening. This became apparent in discussions about the two recent state announcements. There was an overwhelming consensus that until firmer implementation guidelines have been placed around these announcements, people are apprehensive to get excited.
- Attendees were reluctant to be completely transparent about their own council's progress and issues they had faced. Compared to other states, people stayed quiet during discussion and question time and personally approached presenters after their talks to ask questions.
- It is vital for infrastructure managers such as the Roads & Maritime Services to be more involved in urban greening conversations and events moving forward. Ideally this would also extend to energy/water providers. Greening the West is a model organisation for what this looks like and is something that WSROC is hopeful to establish.
- Local councils continue to struggle with staff working in silos, which is detrimental to increased urban greening.

Attendees on the day included:

- 6 State government departments
- 19 Local councils
- 3 Universities
- 23 independent experts

What attendees said

"Thanks for yesterday. It was informative and enjoyable. I made some really vital connections and have had a few people already follow up with me to learn more about what we are doing with internal stakeholder engagement. Thank you for the opportunity to present" – Katie Denoon from Sutherland Shire

"What an inspiring group of speakers. Thank you for hosting!" – Kelly Williamson from Campbelltown City Council

"Thank you for hosting the Green Light Tour! It was a great day and great turnout!" – Suzanne Dunford from the Office of Environment & Heritage

"I found the day very useful to reconnect with what other organisations are doing and where strategic planning in greater Sydney is heading. It is important that we keep breaking out of our silos and work together on this" – Penny Colyer from Ku-ring-gai Council



Program

8.30am	Registration & Coffee	
8.55am	202020 Vision	Opening
9.00am	Uncle Bruce, Darug Elder	Welcome to Country
9.10am	Ben Peacock, 202020 Vision Team	A program update, what have we achieved and what is next
9.20am	Session 1: The State of Play	
9.20am	Fiona Morrison, Commissioner, Open Spaces & Parklands, Department of Planning	Five Million Trees for Greater Sydney
9.40am	Rod Simpson, Environment Commissioner, Greater Sydney Commission	A metropolis of three cities and the role of urban greening
10.00am	Session 1: Panel Discussion Facilitated by Gareth Collins, Director, Centre for Urban Design, Roads and Maritime Services Fiona Morrison, Commissioner, Open Spaces & Parklands, Department of Planning Rod Simpson, Environment Commissioner, Greater Sydney Commission Charles Casuscelli, CEO, WSROC	
10.20am	Morning Tea	
10.50am	Session 2: The local context & knowledge sharing	
10.50am	Katie Denoon, Canopy Coordinator Environment, Health and Building, Sutherland Shire	Bringing back the canopy: Creating a shared vision through collaboration
11.00am	Discussion	

11.10am	Luke Wolstencroft, Project Officer, City of Parramatta	Parramatta Ways and future proofing streets
11.20am	Discussion	
11.30am	Gwilym Griffiths, Urban Forest Manager, Inner West Council	The role of the street in achieving canopy - challenges and opportunities in protecting and establishing street trees.
11.40am	Discussion	
11.50am	Gareth Collins, Director, Centre for Urban Design, Roads and Maritime Services	Incorporating trees while taking into account safety
12.00pm	Discussion	
12.10pm	Lunch	
1.00pm	Session 3: Making it happen	
1.00pm	Joe Hurley, Associate Professor, Clean Air and Urban Landscapes Hub & RMIT University	Monitoring Urban Heat and Green Cover in the Sydney metropolitan region
1.20pm	Ben de Klepper, Chair, Greening the West & Coordinator Arboriculture, Maribyrnong City Council	The role of collaboration in creating greener cities
1.40pm	Leigh Staas, Project Manager, Which Plant Where, Macquarie University	Which Plant Where - Research update on species selection for the future
1.55pm	202020 Vision wrap up & Close	
2.00pm	Close	

The Green Light Tour Queensland Event – 28 June, 2018

What is it?

The Green Light Tour – turning urban greening policy into action, is the third event in the 202020 Vision Urban Forestry tour series.

The purpose of this five-stop national tour is to:

- Identify key barriers and gaps in knowledge among practitioners
- Inspire action and share solutions
- Help interpret policy directions into tangible, practical urban greening at the local level.

The Queensland event was the fifth and final event in the national tour. In comparison to the other four states that the tour has visited, Queensland has seen little urban greening policy development since the 2016 202020 Vision tour and as a result the program focused on the broad benefits of urban greening, rather than policy implementation.

The largest announcement to date at a state level was the SEQ Regional Plan 2017 update. This document provides guidance and vision for how South-East Queensland will accommodate increasing development and population growth. It is made up of five goals, three of which impact the urban forest, these include:

- Sustain – affordable living, a healthy environment and resilient communities
- Grow – well planned growth
- Live – sub-tropical lifestyles, density done well and places for people.

The SEQ Regional Plan 2017 update was put together to accommodate rapid population growth while still maintaining the abundance of livability and green space that the state currently enjoys.

Similar to the other states however, while the state government has been slow to uptake urban greening policy, local councils such as Brisbane City Council (the largest LGA in Australia) and the Sunshine Coast have been leading the way with best practice.

Who were our partners?

The Queensland event was held in partnership with the Clean Air and Urban Landscapes (CAUL) Hub and with the support of the Office of the Queensland Government Architect and Lyndal Plant Urban Forester.

Learnings from the day

The South-East Queensland event was held at the Griffith University Eco Centre on June 28 and was attended by over 75 greenspace experts, these included local government representatives, private consultants, academics and state government representatives.

The day began with a presentation from Queensland Government Architect, Malcolm Middleton OAM LFRAIA who presented how to set a vision for trees in the urban design context. Malcolm also shared information on the office of Government Architects work to develop a green grid.

Key topics presented on the day included: good urban design principals, the SEQ Regional Plan 2017 update; keeping Brisbane clean, green and sustainable; applying the economics of urban trees; the importance of Queensland creating water sensitive cities; accurate data, timing and mapping; and getting trees into streets. The day also included two interstate presenters who shared case studies on how they have overcome shared barriers to urban greening and progressed policy.

The key themes from the day were:

- The opportunity for increased cross-sector collaboration, especially with other organisations such as Queensland Health and the Department of Transport and Main Roads.
- Sharing and collating existing data as well as pooling resources for future data gathering.
- The economic argument for increasing urban greening.

The key learnings from the Queensland event were:

- Only three of the 75 attendees had attended the 2016 How to Grow an Urban Forest masterclass. This shows how important it is for us to have a strong(er) presence in QLD moving forward as appetite is building. It is also revealing of the high level of turn-over in the sector.
- In terms of their urban greening journey, QLD is well behind the other four states that the tour has visited and rather than focusing on implementation of policy, the emphasis is still on developing and establishing policy.
- There is an opportunity to better collaborate with Queensland Health and the Department of Transport and Main Roads. Both of these organisations will also have substantial funds to contribute to the sector which is big positive for many councils struggling with resources.

- Green Star is more common practice in Brisbane than any other city in Australia with Brisbane being home to the highest number of Green Star rated buildings. This presents a great opportunity moving forward for the activation of our proposed project with GBCA.
- The *Where Should All the Trees Go?* report was referenced extensively in the presentations on the day and appears to have been a keystone document for progressing urban greening.
- Broadly, the urban greening sector appears eager to increase collaboration and appreciated the chance to get together at the event.

Attendees on the day included:

- 4 State government departments
- 38 Local government representatives
- 3 Universities
- 37 independent experts

What attendees said

“Thank you so much for a great QLD Green Light tour event today. I heard great feedback and enjoyed playing my part!” – Lyndal Plant from Lyndal Plant Urban Forester

“We all had a great day at the Green Light Tour. I think everyone got a lot out of it and it was so good to see so many people passionate about making a difference for urban greenery.” – Kristen Dangerfield from Brisbane City Council

“Thanks for inviting me along, I really enjoyed the day and presentations.” – Kieron Beardmore from Brisbane City Council

“Thank you so much for putting today together, it was really great to meet so many new people and get a chance to network.” – Cassandra Brown from City of Gold Coast

Program

Time	Speaker	Presentation title
Bump in: 8am	Set up	
08:00		
8.30am	Registration & Coffee	
9.00am	Meg Frawley, Program Manager, 202020 Vision	Opening the day, a program update and what is next

9.15am	Session 1: The State of Play	
9.15am	Malcolm Middleton OAM LFRAIA, Queensland Government Architect, Office of the Queensland Government Architect, Department of State Development, Manufacturing, Infrastructure and Planning	Good urban design principles and setting a vision for trees in the urban design context
9.30am	Seija Wellington, Director, SEQ Regional Plan Implementation, Regional and Spatial Planning Department of State Development, Manufacturing, Infrastructure and Planning	SEQ Regional Plan 2017 update
9.45am	Lachlan Carkeet, Parks and Natural Resources Manager, Natural Environment, Water and Sustainability Branch, Brisbane City Council	Brisbane, Clean, Green & Sustainable Plan
10.00am	Session 1: Panel Discussion - Facilitated by Tony Matthews, Lecturer in Urban & Environmental Planning, School of Environment & Science Cities Research Institute, Griffith University Malcolm Middleton OAM LFRAIA, Queensland Government Architect, Office of the Queensland Government Architect, Department of State Development, Manufacturing, Infrastructure and Planning Seija Wellington, Director, SEQ Regional Plan Implementation, Regional and Spatial Planning Department of State Development, Manufacturing, Infrastructure and Planning Lachlan Carkeet, Parks and Natural Resources Manager, Natural Environment, Water and Sustainability Branch Brisbane City Council	
10.30am	Morning Tea	
11.00am	Session 2: Deep Dive	
11.00am	Lyndal Plant, Director, Lyndal Plant Urban Forester	Applying the economics of urban trees
11.20am	Chris Tanner, Adjunct Assoc Professor, University of Queensland & Queensland	Why a water sensitive city, and what are we doing about it?

	Regional Manager, CRC for Water Sensitive Cities	
11.40am	Buffer	
11.45am	Mark Carlon, Manager Strategic Planning, Sutherland Shire	Bringing back the canopy: Creating a shared vision through collaboration
12.05am	Ben de Klepper, Chair, Greening The West	The role of collaboration in creating greener cities
12.25pm	Lunch	
1.15pm	Session 3: Interactive Workshop	
1.15pm	Topics for discussion: 1. Accurate data, timing & mapping with Vicki Grieshaber, Senior Program Officer Urban Forest, Urban Forest & Restoration Team, Brisbane City Council 2. Increasing sector collaboration with Ben deKlepper, Chair, Greening the West 3. Getting trees into streets with Lyndal Plant, Director, Lyndal Plant Urban Forester & Chris Tanner, Adjunct Assoc Professor, University of Queensland & Queensland Regional Manager, CRC for Water Sensitive Cities 4. Creating a shared vision in council with Mark Carlon, Manager Strategic Planning	
1.55pm	202020 Vision wrap up & Close	
2.00pm	Close	