



FUTURE



STREET

POSITION STATEMENT



INTRODUCTION

Future Street was a public activation, demonstrating the design concepts and technology for our future public spaces. Transforming a prominent Sydney street and reclaiming it for the people of the city, Future Street sparked ideas about how these spaces could be different and what that means for the community.

Future Street reinvigorated Alfred Street in Circular Quay for a four day activation, changing the way people used the street and educating them on the technologies of the future. Showcasing the latest developments in technology, the importance of a greener and more inclusive street, Future Street engaged members of the public as well as members of industry.



SITE MAP

Future Street contained four (4) key areas.



01

This section of the Future Street illustrated the typical approach to the design, delivery and organisation of streets in many cities around Australia and globally, as they are now.

TODAY STREET

The priority of cars over people, trees and life. In most CBD's, streets represent 30% of land across a city, with more than 50% of the space given away to move cars and buses. We protect their presence and have actively fostered a car centric culture.

Streets of Today with minimal street trees and vegetation can be 10 degrees hotter than equivalent streets that have greater focus on street trees and landscape. On top of this, air quality in streets full of cars and buses is much worse than in streets and spaces that have prioritised people and bikes over cars.

Streets are our most fundamental shared public spaces, but they are also one of the most contested and overlooked. Today, and for most of the last century, we have taken for granted the idea that our streets are primarily zones for cars, parking, and the transporting of goods.



30 PLACES TO EAT & SHOP
OPEN 7 DAYS UNTIL LATE

Alfred St



02

This section of the Future Street illustrates a proposition of what the future of our streets might look like if we removed car access, prioritised people, cycling and public transport, and reintroduced landscape and nature.

GREEN STREET

As the urban population grows and we head towards a more urbanised and vertical way of living, private green space will become less available and the importance of public open space will increase in its social and community value. This is where green streets can play a key role.

Green Streets can incorporate a wide variety of design elements including street trees, permeable pavements, bioretention, and swales. Although the design and appearance of green streets will vary, the functional goals are the same. For example, a Green Street could include a natural stormwater management device, be used for urban agriculture, provide space for large shady trees or simply have gardens and greenery to be enjoyed.

Green Streets will improve local air quality by providing interception of airborne particulates and shade for cooling. Importantly, Green Streets can act as a key linking component in community efforts to develop local green infrastructure networks and unite our communities with a common project and green connection.



03

COMPLETE STREET

This section of the Future Street illustrated a proposition of what the future of our streets might look like when we balance the importance of people and cars in a street.

A Complete Street is designed to balance the safe, convenient and comfortable travel and access for users of all ages and abilities regardless of their mode of transport. It involves greening and beautifying the footpaths and public places, making meeting places more vibrant and appealing, and improving connections for cycling, walking and access to public transport. A complete street seeks to provide opportunities for all users, be they pedestrians, cyclists, car drivers, public transport users and operators, or delivery drivers.

Streets are arguably the most important asset of a city, and Complete Street facilitates opportunities to leverage this asset via new and enhanced retail uses, cultural and leisure experiences for example. It also provides opportunities for life to occur, be that community gatherings, commerce, public art, lighting or landscape.

Complete Streets stimulate economic growth by creating attractive places with greater street activity, increasing the number of potential customers passing shopfronts and the length of time spent in town centres.



STREET
FUTURE

Welcome to Complete Street.

This section of the Future Street illustrates a proposition of what the future of our streets might look like when we balance the importance of people and cars in a street.

A Complete Street is designed to balance the needs of all users and provide a range of options for their modes of transport. It includes a variety of facilities to encourage walking, cycling, public transport, and driving. It also includes a range of facilities to encourage people to use the street for their own purposes, such as shopping, socialising, and recreation. A Complete Street is designed to be safe, accessible, and enjoyable for all users.

#futurestreet

Hashtag & WIN

SNAP:
Snap a photo of Future Street

SHARE:
Post to your social media with #futurestreet

WIN:
For your chance to win 1 of 2 \$1000 vouchers generously by the City of Melbourne



04

SMART STREET

This section of the Future Street illustrated a proposition of what the future of our streets might look like as technology and new transport modes enable a re-imagining of mobility.

It tests a proposition about how autonomous and connected vehicles and the Internet of things will unlock productive spaces in and around our streets, making them safer and more enjoyable.

Smart Streets embed and incorporate technology to become the street, re-imagined. On Smart Streets, technology is embedded through the Internet of things (sensors, devices and cameras), facilitated via WIFI, collecting data that tells us more about life on our streets and around our city. Smart Street elements will enable more energy efficient provision of services as well as the ability to monitor and analyse our energy, water and waste production.

Beyond automating individual functions for greater efficiency or revenue, the higher imperative of the Smart Street concept is to make the city a more equal, wholesome and enjoyable living experience for its citizens using technology as the enabler, but putting people in the center of the street.



05

ACHIEVEMENT OF
ACTIVITY

Over recent years, there has been increased information and communication about the future of our cities, how technology will play a role and how spaces should be used differently.

Whilst there has been plenty of talking, there seemed a lack of demonstration and interaction with the community that actually use these streets as part of their daily lives.

Future Street was developed to make these concepts more tangible, to physically showcase how these ideas about the future of our cities could bring change to how the people use these spaces.

By creating Future Street from a plain city street block, into a space that enticed and engaged the public, it showed them what the future might hold.

The benefits of creating Future Street included:

- » Physically creating a space to demonstrate the concepts around making our streets more liveable, workable and sustainable.
- » Creating a space for people to interact and engage with, as well as be educated on the technology of the future.
- » Engaging the industry to understand the principals around these changes.
- » Securing media coverage.
- » Creating advocacy around the Future Street concepts.

06

PUBLIC
ATTENDANCE

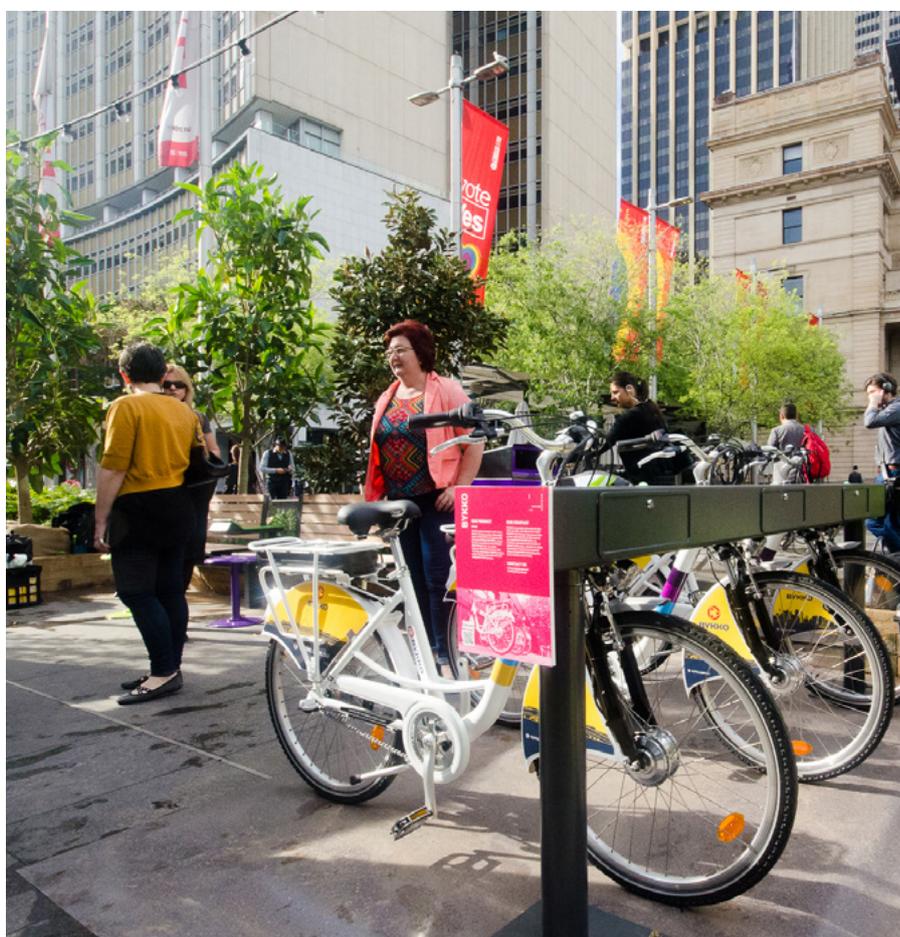
Future Street was open to the public and free to attend. Situated prominently at Circular Quay, the activation attracted many members of the community that passed by that space to and from the public transport.

Whilst official visitor figures were not captured, it is estimated that up to 1500 people a day visited the space, taking time to stop and read information, look through the space or dwell in the space. Many more thousands of people walked through the space or around the space during the four days.

At the official opening of Future Street, over 200 people gathered in the street to watch the official launch of Future Street by Assistant Minister Taylor including key media outlets.

As part of the Festival of Landscape Architecture in Sydney, the National Landscape Architecture Conference was held at the nearby Overseas Passenger Terminal.

Delegates were seen in the Future Street activation over the two-day conference, with majority of the 500 delegates attending the Future Street activation as part of the closing drinks event, hosted at Customs House.



07

Future Street was a collaboration between three organisations, the Australian Institute of Landscape Architects (AILA), the Smart Cities Council Australia New Zealand (SCCANZ) and the Internet of Things Alliance Australia (IOTAA).

PARTNER
ENGAGEMENT

Future Street's principal sponsor was the Australian Government, with funding through the Department of Prime Minister and Cabinet's Cities Division. The 12 exhibiting companies also sponsored the project.

Place Design Group was the Design Partner for Future Street, working on all the design concepts through to construction.

Landscape Solutions was the construction partner for Future Street, helping create and remove Future Street.

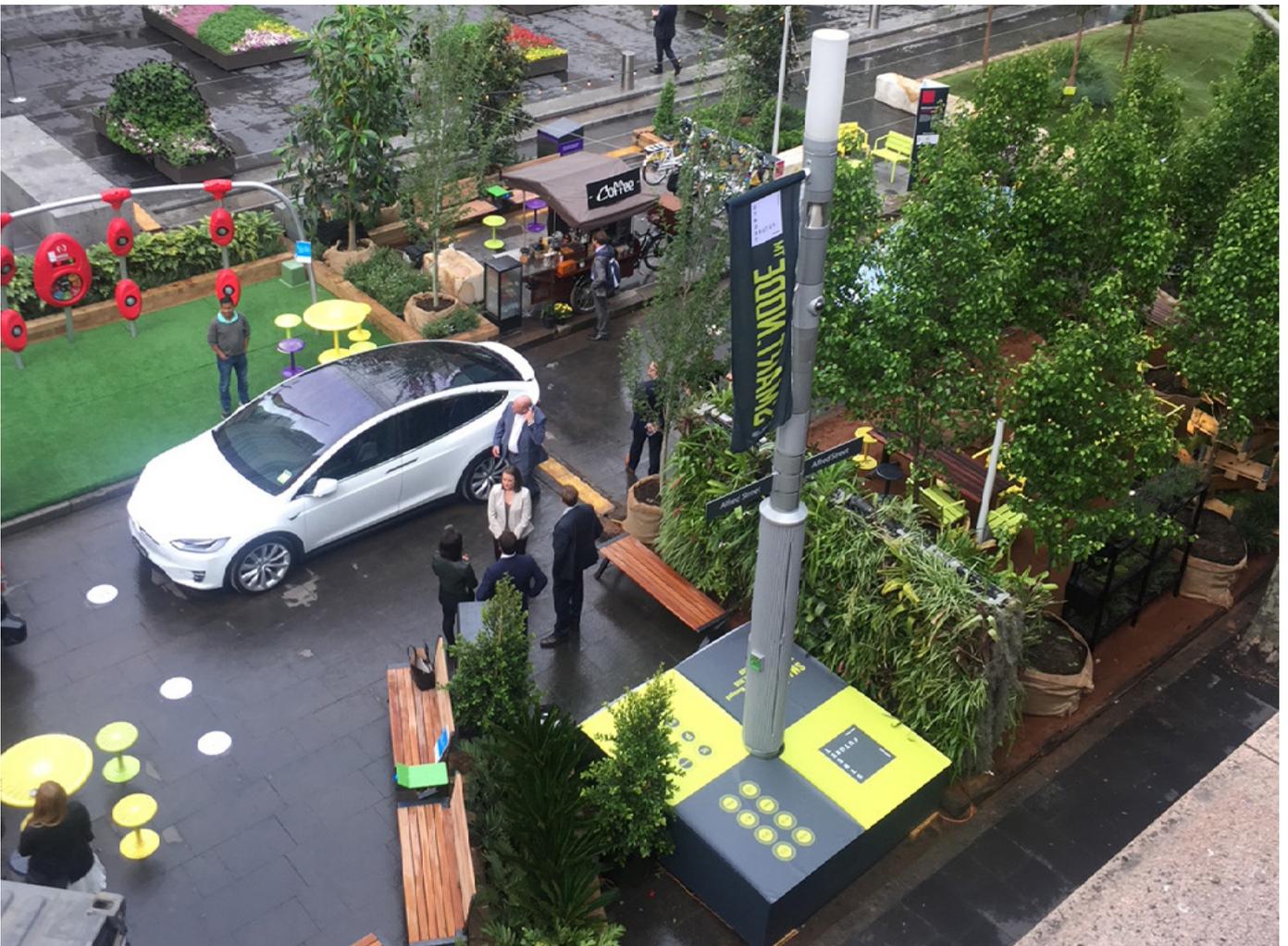
The City of Sydney provided the activation space in Alfred Street in kind to the project.

Future Street was developed as part of the 2017 International Festival of Landscape Architecture. Hosted in Sydney, the Festival aims to connect the public with landscape architecture. With over 20 events developed by the Australian Institute of Landscape Architects (AILA) and collaborating organisations, the program included:

- » National Landscape Architecture Conference with over 500 attendees from around Australia
- » National Landscape Architecture Awards recognising 28 outstanding projects
- » Kidscape In The Rocks program with a thousand kids focused on nature based play and thinking about the future of our cities
- » Industry Tours of some of Sydney leading projects including the Coal Loader in Waverton, Barangaroo and the developing Civic Link project in Parramatta
- » Parks Changing Australia exhibition in collaboration with AMP Capitals Quay Quarter Development
- » AILA Fresh Activation showcasing the talents of our graduate members and the impact of public space.



BEFORE AND AFTER
Alfred St, Circular Quay



08



Australian Institute of
Landscape Architects

Australian Institute of Landscape Architects

PARTNERS

AILA is the growing national advocacy body representing 2,500 active and engaged landscape architects, and promoting their crucial role in shaping the world around us. Committed to designing and creating a better Australia, landscape architects have the skills and expertise to solve macro issues with innovative integrated solutions. Landscape architects contribute leadership, creativity and innovation as they strive to collaborate to achieve better health, environmental, social and economic outcomes. From citywide strategies to the redesign of local parks, landscape architects are making places and spaces more sustainable and productive. Communities are demanding more from government and landscape architects are increasingly collaborating with the public and other stakeholders to achieve project outcomes.

Landscape architects shape project outcomes in a variety of ways. They bring a critical eye to the potential opportunities and constraints of a place, site or landscape. The vegetation, soils, and watercourses often navigated by infrastructure projects are but some of the technical issues they bring expertise to. They create the conditions for nature to function and thrive, ensuring that infrastructure puts back as much as it takes from the landscape. They bring together other disciplines, in an integrated way to generate better outcomes. They are active on infrastructure development teams of all types, connecting, facilitating and navigating to help achieve shared outcomes. Landscape architects are increasingly seen as a profession set to dominate the debates of the next century and lead policy making to deliver fantastic outcomes for cities, towns, regions and their inhabitants. The work of Australian landscape architects is increasingly being recognized worldwide for their unique skills in creating liveable cities, healthy active spaces and sustainable design.

Smart Cities Council Australia New Zealand

Smart Cities Council Australia New Zealand (SCCANZ) is part of the Smart Cities Council (SCC), a global membership-based organisation representing the largest network of smart cities practitioners and policy makers in the world. Founded in 2012 in the United States, the organisation has more than 20 staff strategically located around the world to work with its members to advance the smart cities movement, including North America, India, Australia/New Zealand, and Europe.



Place Design Group

PARTNERS

Place Design Group is a leader in planning and design with a reputation for creative and commercial solutions. Australian owned and managed, our teams throughout Australia, China and South East Asia are dedicated to creating great places through service excellence, inspired leadership, and innovation.

Through collaboration we emphasize an integrated approach for our clients, both public and private, utilising services including landscape architecture, urban design, master planning, strategic planning, and development services. We recognize that by combining our creative talents with solid application and industry relationships, we can optimize our client offerings to deliver exceptional outcomes.

Our people are passionate about improving the quality of both our living and built environment through this approach, regardless of a projects requirements or size. Utilising our understanding of the local community aspirations, and drawing on international expertise we deliver superior planning, policy, design, and built outcomes.

Through the advancement of Technology and data analytics, our cities streets are a changing landscape. The street is the ultimate public space. It's a space for everyone, the connective tissue between the buildings, transport systems and other spaced.

*What are our streets going to look like in the future?
Can they be made more productive?
How might the "Internet of Things" pay a role?*

For more details on the design, the theory and the products featured in Future Street, visit www.ailia.org.au/futurestreet



Welcome to Complete Street.

This section of the Future Street illustrates a proposition of what the future of our streets might look like where we balance the importance of people and cars in a street.

A Complete Street is designed to balance the needs of all users, including pedestrians, cyclists, public transport users, and motorists. It is a street that is safe, healthy, and productive for everyone. It is a street that is designed to be a place where people want to live, work, and play. It is a street that is designed to be a place where people can get from one place to another in a safe and efficient way. It is a street that is designed to be a place where people can enjoy the outdoors and the benefits of nature. It is a street that is designed to be a place where people can live, work, and play in a way that is sustainable and resilient for the future.

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#futurestreet

Hashtag
& WIN

SNAP
Share a photo of Future Street
SHARE
Post to your social media with #futurestreet
WIN
The grand prize is a trip of 2 people to a location of your choice.

09

The Future Street is a concept that redefines the idea and purpose of the street, by embracing innovative strategies around landscape, infrastructure and technology to make our cities, suburbs and towns more liveable, productive and sustainable.

OUR POSITION

Future Street tests the possibilities, of what is possible if we dedicate less of our public spaces to cars and return them for people to use. Both for new and different mobility options, but also to live and enjoy our cities and streets.

AILA, IoTAA and SCCANZ advocate for:

- » Governments to embrace our streets as important public spaces that can generate and produce opportunity for our communities, and not just harm and pollute them
- » Designing and the building of streets to be greener, more complete and smarter
- » Governments amending policy and regulatory requirements to facilitate the design and management of streets in accordance with the Future Street approach

Virtual reality.
the Alfred Street of the
see where technology,
buildings in Sydney
future might take us.



What's YOUR future
street will



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FUTURE
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Photographs by Place Design Group