

**WORLD**  
**GREEN INFRASTRUCTURE**  
**CONGRESS**

07-10 October  
**SYDNEY**



DEVELOPING WITH NATURE

**W G I C** 2014

**PROSPECTUS**

# Architectural greenery, landscape and urban design for Australia.

With 85% of Australia's population living in coastal urban areas the need for livable and sustainable is intensifying.

The congestion that will increase due to high rise housing and commercial sector demands will require prior planning of spaces conducive for life, work and play as the Australian population rapidly expands towards 2020 there needs to be a vision for cities with urban greenery on buildings, canopy trees and parks which connect city living with nature.

There has been a gradual shift towards thinking green with the spotlight trained on city planning, green roofs, green walls, canopy street trees, urban wetland and landscape renewal, urban farming and vital urban ecosystems. The green industry is set for unprecedented growth.

Against this backdrop the WORLD GREEN INFRASTRUCTURE CONGRESS will be a dynamic marketplace for delegates and trade visitors from the region to discover the very best and most advanced landscape and urban greenery solutions from around the world.

This Congress will be an opportunity to learn best practices, discuss the latest industry trends and network with academics, professionals and policymakers.

**\$18.2 Billion**  
National Horticulture  
Market Value

**30%**  
Growth in global  
consumption of  
horticulture products  
by 2015

## WHY PARTICIPATE

- Associate your organisation, institution, company or government with this rapidly expanding industry.
- Present your solutions, research and products directly to private and public sectors.
- Gain insight on industry best practices, data, recent technology and environmental issues from top analysts, experts, implementers and government representatives.
- Network with like-minded professionals, educators and practitioners to foster stronger relationships.

**\$15.0 Billion**  
National Horticulture  
Export Value

**\$5.17 billion** Gross  
national revenue for the  
landscape industry of  
Australia

# GREEN GLOBAL CONNECTED

## About the host city Sydney

Sydney is classified as an Alpha+ World City by the Globalization and World Cities study group, indicating its influence in the region and throughout the world, ranking among the top global cities in the world.

In 2010, Sydney was ranked seventh in Asia and 28th globally for economic innovation in the Innovation Cities Top 100 Index. In 2013 The Wealth Report ranked Sydney as the seventh most economically important city in the world.

Sydney also ranks among the top ten most livable cities in the world and is also considered among the top fashion capitals.

Sustainable Sydney 2030 is a set of goals the city has set to help make it as green, global and connected as possible by 2030.

The 2030 vision focuses on ten strategic directions:

1. A globally competitive and innovative city
2. A leading environmental performer
3. Integrated transport for a connected city
4. A city for pedestrians and cyclists
5. A lively, engaging city centre
6. Vibrant local communities and economies
7. A cultural and creative city
8. Housing for a diverse population
9. Sustainable development, renewal and design
10. Implementation through effective policy



# Exhibitor Profile

## Nursery and plants

Bulbs and seeds  
Soils, composts, fertilisers  
Horticultural and plant care products  
Pest control  
Tools and accessories flowers, trees and shrubs  
Landscape maintenance

## Construction and maintenance

machinery and equipment  
Grassed and wooded areas  
analysis, measurement and testing equipment  
Permeable paths, pavements earth and plant logistics and transport  
Railings, terraces and roofing  
Stonework and ironwork  
Waterproofing  
Tanks and drainage  
Irrigation systems  
Drainage systems

## Green and urban solutions

Climate control  
Erosion control  
Greenhouse  
Hydro culture  
Hydroponics  
Recultivation of wastelands  
Soil regeneration and amelioration  
Waste management  
Water sensitive urban design

## Landscape and urban design

Architectural, outdoor and waterproof lighting courtyards, gardens and parks  
Environmental graphic design  
Residential, commercial and industrial green roofs  
Playgrounds and recreational areas  
Resorts and spas  
Skyrise and vertical greenery  
Coastal regeneration

## Materials and components

Acoustic and visual screens  
Aeration, irrigation and drainage  
Cast and natural stone  
Decking, fencing and walling  
Garden furniture, gazebos  
Membrane structures  
Plant and tree protection  
Artwork, sculptures

## Landscape architecture

and Master planning  
Eco-city  
Industrial Districts  
New towns  
Underground city

# Visitor Profile

Government and public agencies

Facility managers, property developers

Landscape architects, architects, urban planners, environmentalists

Agronomists, arborists, botanists, floriculturists, horticulturists

Landscape contractors/ implementers/suppliers

Consultants, engineers

Distributors, manufacturers, retailers and wholesalers of landscape and urban greenery products and solutions

Academics and students

Plant lovers





## About the WORLD GREEN INFRASTRUCTURE CONGRESS

The Congress will present the latest technological developments, green industry awards, iconic best practice projects, research data, professional training workshops, Living Art competition and new areas of applications in the field of green infrastructure. It will serve as a surface + space where international urban greenery thought leaders from various disciplines may come together with architects, landscape architects, landscaper contractors, environmentalists, horticulturists, nursery growers and policymakers and stakeholders to examine the present and future trends of this growing sector.

- URBAN HEAT ISLAND EFFECTS
- STORMWATER MANAGEMENT
- CARBON SEQUESTRATION
- BUILDING EFFICIENCY
- URBAN FARMING
- LIVING ART SCULPTURES
- URBAN HABITAT
- AMENITY
- PROFESSIONAL TRAINING WORKSHOPS
- GREEN INDUSTRY AWARDS



### Green infrastructure

Includes green roofs and green walls

Landscape renewal; urban vegetative regeneration; urban farming; canopy planting; urban forests and wetlands.

It is a challenging world, and green building technology is one solution to tackling the impacts of climate change that effect us all.

A cooperative effort is needed to work for a better, greener and more sustainable world.

Green infrastructure includes all plant related technologies in connection to buildings and urban development.

Vegetation is an essential key for sustainable urban environment.

### World Green Infrastructure Network (WGIN)

Current member countries include Australia, Brazil, Canada, Chile, China, Columbia, France, Germany, Great Britain, Greece, Hong Kong, India, Iran, Italy, Israel, Japan, Korea, Mexico.

Since 2006 WGIN has held a World Congress in Mexico, Canada, China and France.

Given the rapid growth in the green roofs, walls and infrastructure industry, WGIN targets strong organizational growth over the next several years. It is a challenging world, and green building technology is one solution to tackling the impacts of climate change that effect us all. WGIN believes cooperative effort is needed to work for a better, greener and more sustainable world.

WGIN Objectives:

1. To be a globally-important motivator of the use of green infrastructure in cities.
2. To expand opportunities for member organizations to learn about green roof infrastructure science, technology, practice, economics and environmental and social benefits.
3. To promote education in green infrastructure benefits particularly at university levels and trade school levels, to provide skills for the green roof industry that can be expected to develop more widely.
4. To promote green infrastructure research and extension in soundly-based green infrastructure development.
5. To provide sound networking and conference study opportunities for member organizations.
6. To publicise the global environmental and cost-saving advantages of green infrastructure, especially those related to reducing climate change problems.

### Green Roofs Australasia (GRA)

Initially established as Green Roofs Australia in 2007, the name was changed in 2011 to incorporate New Zealand, the Philippines and consequently open the door for other countries in the region.

GRA is a registered not-for-profit Australian company that has actively advocated the use of green infrastructure for urban development to mitigate the impacts of climate change and to provide urban populations with an essential connection to nature through plants. GRA believes that plants are the real green. Green roof and green wall systems have always been the primary focus but GRA does acknowledge the primary benefits from urban vegetation does extend from the establishment of green corridors through cities which requires collaboration between all disciplines engaged in urban infrastructure planning, landscapes and buildings. For this reason GRA is committed to promoting any plant technologies.

The GRA vision is to promote the incorporation of green infrastructure into the urban fabric.

The GRA mission is to increase the awareness of urban green infrastructure with a primary focus on the economic, social and environmental benefits of green roofs, green walls and other vegetative systems that regenerate urban green spaces through education, advocacy, professional development and celebrations of excellence.

The importance of green roofs and walls is increasing worldwide, because it is an efficient and effective way to moderate the negative impacts of densely populated urban areas. Green roofs provide oxygen, reduce the urban air temperature and mitigate storm water run-offs. Green roof and wall systems are one solution to the impacts of climate change.

### Supported by :



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