

# AIPH MEETING

20-23 March 2018

The Hotel Windsor,  
Melbourne, Australia



**Hort  
Innovation**

# The role of parks in making people healthier or How plants can make parks better for people?

Neil McCarthy

CEO World Urban Parks &

CEO Mosaic Insights



## ***World Park Leaders Grow Here***

World Urban Parks is a forum for the exchange of ideas where urban parks, open space and recreation are part of the solution.

- ***Advocacy***
- ***Best Practice***
- ***Collaboration***

## ***Creating Social Landscapes of the future***



**Insights**



**Ideas**



**Impact**



A woman with long blonde hair is lying on her back in a field of tall green grass. She is looking up towards the sky with a peaceful expression. Her hands are raised in the air in the background. The scene is bathed in bright, warm sunlight, creating a soft, golden glow. The text is overlaid on the lower left portion of the image.

Protecting the Earth's  
two most important assets

***Creating Parks  
For People  
For Life***

# GRAND CHALLENGES FOR LIFE & CITIES

Put simply, our modern world is facing a challenging future:

- Climate change – water & heat
  - Chronic Health – Obesity & Heart
  - Environmental crisis - Deforestation & decline in biological diversity
  - Rising depression rates
- These are the Grand Challenges of this century as the world become urban centric
  - The vital link between human health and nature is clear
  - Our approach needs to bring multiple sectors together to work towards solutions for these Grand Challenges

# VALUE OF PARKS

- Protecting Our Natural World
- Building Healthy Communities
- Contributing to Our Economy
- Reflecting Our Culture



# VALUE OF PARKS

## Protecting Our Natural World

- Conserving nature
- Sustaining the variety of life
- Protecting the earth's outstanding features and processes
- Storing carbon
- Maintaining clean air and water
- Supporting industry & tourism
- Cooling our Cities

## Building Healthy Communities

- Improving physical health
- Enhancing mental health and well being
- Bring people together
- Supporting science and learning

# VALUE OF PARKS

## Contributing to Our Economy

- Underpinning our tourism industry
- Supporting the recreational industry
- Employing people
- Enhancing property values
- Providing free space for the community

## Reflecting Our Culture

- Inspiring our hearts and souls
- Conserving Indigenous cultural landscapes
- Conserving cultural history
- Bring many cultures together



# Not just about parks



# PUBLIC HEALTH - IN ACTION

## The Melbourne Royal Children's Hospital Project



# TRANSPORT - IN ACTION

## Bogotá's CicloRuta

- Bogotá's CicloRuta is one of the most extensive bicycle path networks in the world. It covers over 211 miles (340 km) and connects citizens to major BRT routes, parks, and community centres.







## Urban Transformation - In Action

Singapore as "The Garden City" was the brainchild of the former Prime Minister, Lee Kuan Yew. The verdant city of Singapore today is the result of a exceptional leadership and vision.





# Rethinking the Design of Parks



# WHY IS THIS IMPORTANT?



# SO WHY IS DESIGN LEGACY IMPORTANT?

- Great Cities are widely accepted
  - but why - form, function, features
  - influence of culture and landmark cultural events
  - What is noticeable they use “space” extremely well
- Human health and wellbeing
- Social cohesion / identity
- Cultural Heritage protection
- Tourism
- House prices
- Biodiversity
- Air quality and carbon sequestration
- Water management
- Cooling - the Urban Heat Effect

# Understanding Design Dimensions:

- **Legacy**
- **Community Leadership**
- **Systems Thinking**

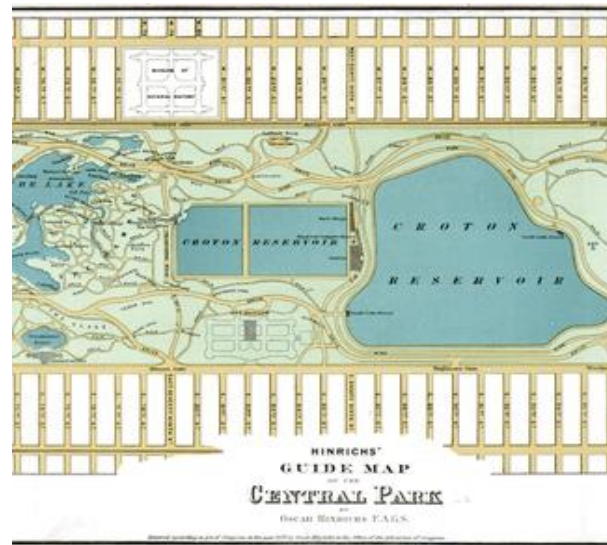




# DESIGN LEGACY – WHO’S LEGACY



“CAPABILITY” BROWN



OLMSTED

# PRINCIPLES OF DESIGN LEGACY

- Principle 1: Natural Form - is the full utilization of the naturally occurring features of a given space;
- Principle 2: Blend - is “subordination” - the subordination of individual details to the whole;
- Principle 3: Concealment - is concealment of design, design that does not call attention to itself;
- Principle 4: Sense: is design to enhance the sense of space;
- Principle 5: Utility - is utility above all else
- Principle 6: System - is where space is designed as part of a network

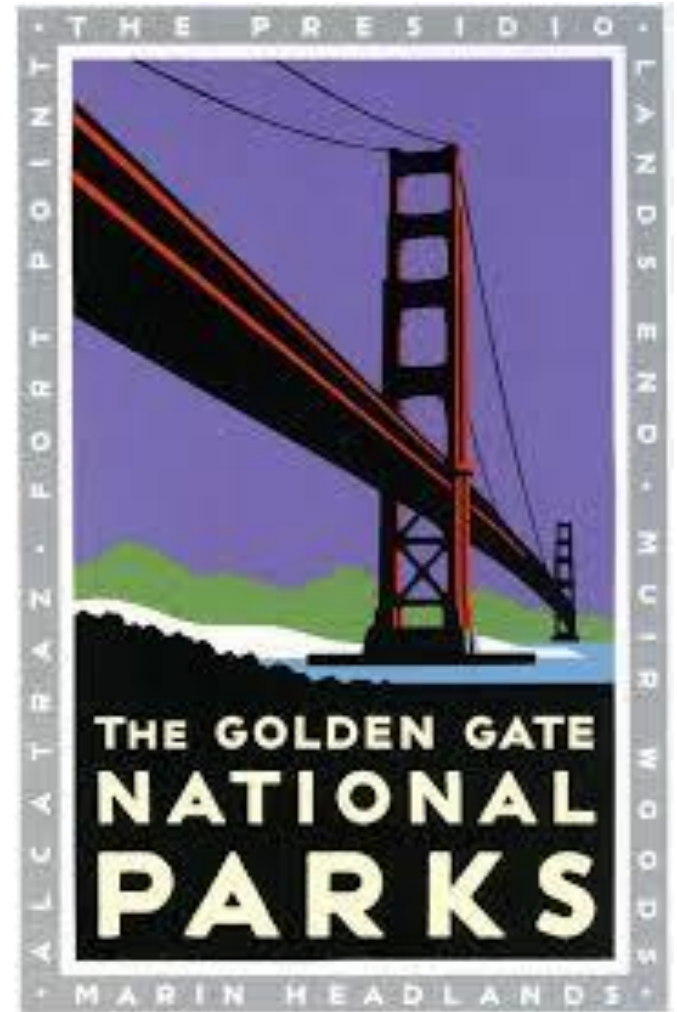


# COMMUNITY LEADERSHIP PRINCIPLES

- **Principle: Belief** - is the understanding that communities and individuals can achieve outstanding success;
- **Principle: Community Fabric** - the fabric of the park and open space should reflect the sense of what the community is!;
- **Principle: Connections** - making connections between all sectors of society and individuals and making “parks’ relevant to them;

# THE GOLDEN GATE MODEL

- is a unique partnership between the USA NPS, a Not-for-Profit Foundation (The Golden Gate Conservancy) and a broad range of partners. It is an open and very inclusive model rarely found elsewhere.





# SYSTEMS THINKING - THINK DIFFERENTLY

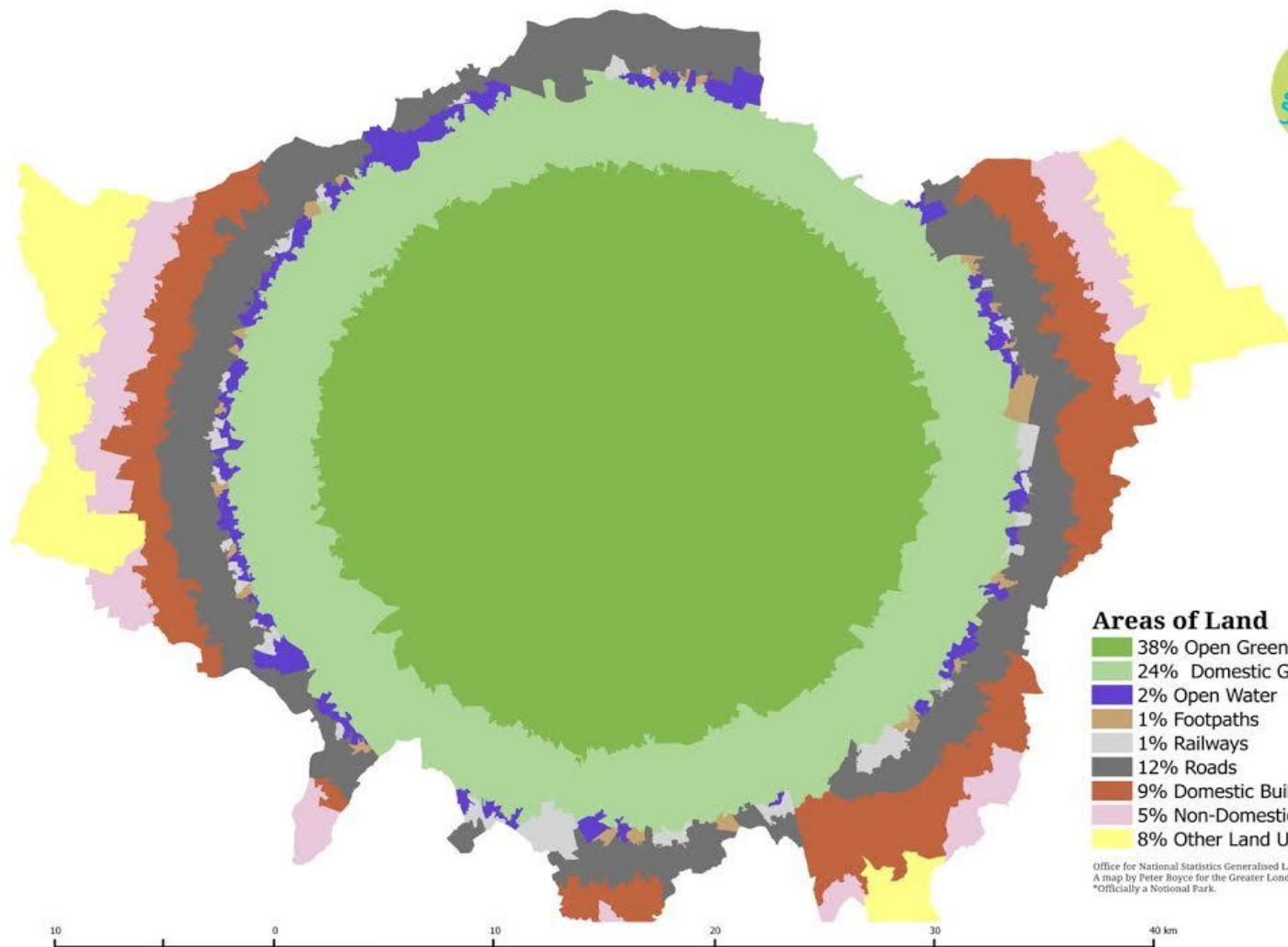
- **Principle: Systems Rethink** - is about exploring “parks’ as a broader component of a whole system and how it becomes the fabric of a city;
- **Principle: Leadership without Fear** - is about considering ideas and innovations that not only challenge existing concepts but also change the concept.



# A GREATER LONDON URBAN NATIONAL PARK

- 1,500 square kilometres,
- More than 13,000 species - inhabit
  - 3,000 parks,
  - 30,000 allotments,
  - three million gardens and
  - two National Nature Reserves.





# The role of Horticulture

In making parks, openspaces, street-scapes for cities





<b>WATER</b> 2 x per week, more often when dry		<b>AGUA</b> 2 veces por semana, con mayor frecuencia si está seco
<b>AVERAGE SIZE</b> 18-20" H x 10-12" W		<b>TAMAÑO PROMEDIO</b> 46-51cm Al x 25-30cm An
<b>SPACING</b> 8-12"		<b>ESPACIAMIENTO</b> 20-30cm
<b>COLD HARDINESS</b> Non-hardy below 40°F		<b>TOLERANCIA AL FRÍO</b> No resisten inferiores a 4.4°C
<b>FERTILIZATION</b> Monthly		<b>FERTILIZACIÓN</b> Mensualmente
<b>ATTENTION</b> Check for "Bee Hazard" warnings and pollinator precautions on pesticide labels before application		<b>ATENCIÓN</b> Busque las advertencias de "Peligro para abejas" y las precauciones de polinizadores en las etiquetas de pesticidas antes de su aplicación
<b>FOR MORE INFO</b> Text: L16569 to 75268		<b>PARA MAS INFORMACIÓN</b> Text: L16569 a 75268

[www.Lowes.com/Plants](http://www.Lowes.com/Plants)



### PLANTING STEPS

1. Dig hole two times width of pot  
Cave un hoyo del doble  
del ancho de la maceta
2. Plant 1" above  
ground level  
Siembre a 2.6cm  
arriba del nivel  
del suelo
3. Build water basin  
Cave un depósito  
de agua
4. Mulch and  
water thoroughly  
Abone y reigue  
completamente



Not for Human or Animal Consumption  
No apto para consumo humano o animal  
Propagation of protected plant  
varieties is prohibited.

L16569

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AIPH



WORLD  
URBAN  
PARKS

the organisation for open space and recreation



MOSAIC  
insights

**PLANTING STEPS**

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Cave un hoyo del doble del ancho de la maceta
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Siembre a 2.6cm arriba del nivel del suelo
3. Build water basin  
Cave un depósito de agua
4. Mulch and water thoroughly  
Abone y reigue completamente



Water Sensitive Index Rating



Medicinal Value Rating



Food Production Rating



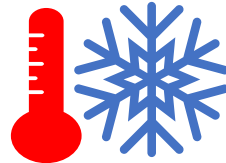
Healthy People Rating



Carbon Rating



GDP Rating



Heat Island / Urban Cooling Rating



Sun Smart Rating



**Global Impact Rating** (overall rating)

*“We have the opportunity today to reshape the role of parks and their value to society for tomorrow. We can leave a legacy if we dare to reimagine the world.”*

*Neil McCarthy 2015*



*[www.worldurbanparks.org](http://www.worldurbanparks.org)*



*[www.mosaicinsights.com](http://www.mosaicinsights.com)*

***Think differently***



**AIPH**

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The International Association of Horticultural Producers is an international non-profit association registered in Brussels, Belgium.