



Adelaide & Mount Lofty Ranges  
NRM Board

25 May 2017

Keith Downard, Chair Water Sensitive SA Steering Committee

Mellissa Bradley, Program Manager



# Water sensitive communities



Liveable



Sustainable

Source: P.Coombes



Productive



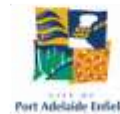
Resilient

# Water Sensitive SA Program Partners



**Government of South Australia**  
Adelaide and Mount Lofty Ranges  
Natural Resources Management Board

## LOCAL GOVERNMENT RESEARCH & DEVELOPMENT SCHEME



Stormwater Management Authority

# ACHIEVEMENTS

NOVEMBER 2014 TO DATE



**43** EVENTS  
(FOR 1,600 PEOPLE)



**5500** INDUSTRY  
REACH FOR  
E-NEWS

**17**



RESOURCES  
DEVELOPED  
(INCLUDING 12 VIDEOS  
& 5 FACT SHEETS)



LEVERAGE OF NRM  
INVESTMENT (1.0 : 1.2)



**60**

NEWS & BLOG  
ARTICLES



**19**

PRESENTATIONS  
(TO 850 PEOPLE)



**24**

SEMINARS/  
TRAINING COURSES  
(FOR 745 PEOPLE)

**20**



INVESTMENT  
PARTNERS



# Research adoption pathways & new research to address gaps



# WSUD planning policy & guidelines



Lightsview infill development

Source map: [www.lightsview.com.au](http://www.lightsview.com.au)





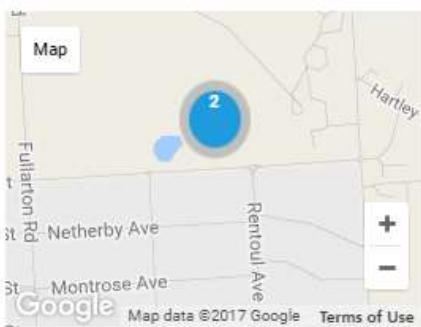


# Technical Resources

**Streetscale raingardens –  
design & practice, 24 May**

20 JUNE - 10:00am to 12:30pm





## Interactive Map

### TREENet pits City of Mitcham

226

WSUD  
Projects

#### About the site

WSUD feature type

Infiltration

Development type

Public

Function/Driver

Stormwater discharge rates

Organisation

City of Mitcham

Date completed

2011





# Image Gallery



ASR



Bioretention



Green roofs & walls



Infiltration

9

WSUD  
element types

336

images

# Case studies



## **Randolph Avenue Streetscape Upgrade Fullarton**

A series of ten raingardens treat stormwater and 31 stormwater infiltration wells provide passive irrigation for new street trees.



## **Burnside B-Pods**

Catch it, keep it, use it: Burnside City Council's B-Pod stormwater retention cells support young and established street trees and a community landscaping project in the nature strip.



## **Oaklands Park stormwater harvest & re-use project**

Stormwater treatment wetland integrated into urban parkland that contributes to an aquifer storage and recovering scheme, which supplies water for irrigation of local parks and sporting fields.



# Training





# Communications



13

e-newsletters

60

News articles and blogs



**WSUD performance targets  
adopted within Murray  
Bridge Development Plan**

Planning



**SA's online stormwater tool  
for small-scale development**

December 5, 2016

Engineering



**Practical ways to create  
water-wise microclimates in  
urban infill environments**

Landscape Architecture

# Our priority projects:



PP1 - The case for water sensitive urban design – cost-benefit analysis

FUNDED - CRC WSC / GI PARTNERSHIP

PP2 – life cycle cost analysis

FUNDED - CRC WSC / GI PARTNERSHIP

PP3 – Deemed to comply guideline

FUNDED – SMA GRANT

PP4 – Online stormwater assessment tool for small-scale development

FUNDED – SMA GRANT

PP5 - MUSIC Guidelines for SA

PP6 – Review & update of WSUD technical manual



Kevin Taylor Park, Bowden Urban Village

# Income & Expenditure



## Income

AMLR NRM Board:	\$300,000
<u>Other partners / grants:</u>	<u>\$362,000</u>
Total	\$662,000



Kevin Taylor Park, Bowden Urban Village

## Expenditure

Year 1, 2014-15	\$123,000
Year 2, 2015-16	\$184,000
<u>Year 3, 2016-17</u>	<u>\$268,000</u>
Total	\$575,000

Year 4 - \$87,000 carry over to deliver  
Priority Projects



St. Clair wetlands



# Priorities – looking forward

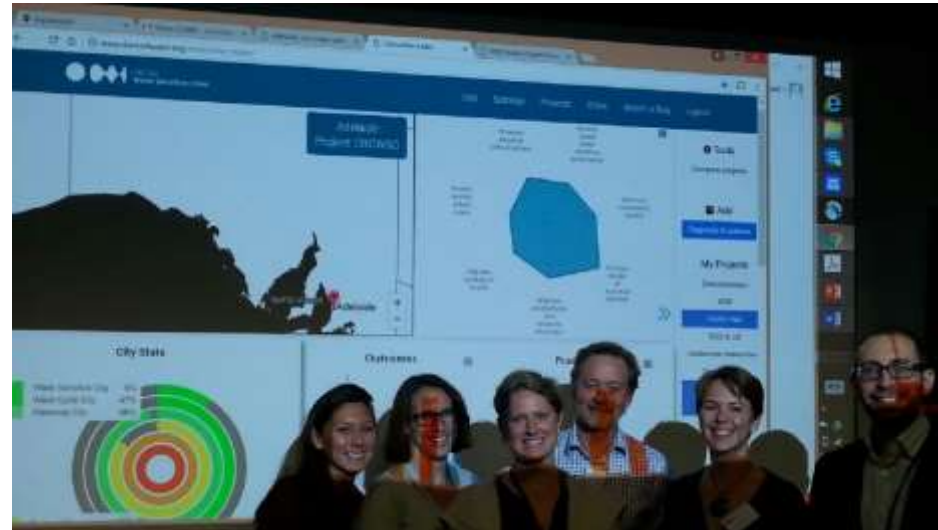


- Adoption of WSUD policy and guidelines within planning system
- Engage the wider community – “WSUD in your backyard”
- Communications/ resources – video “how to” and “showcase”
- Development industry – demonstration of WSUD
- Research adoption pathways – **NEW investment partner CRC for Water Sensitive Cities**
- Complete priority projects



Oaklands wetland Source: City of Marion, Photo M.Mullan.

# Three-year independent review



# Investment Partners

*"There is a culture of change but it is slow. Councils are becoming more strategic in their approach to WSUD."*

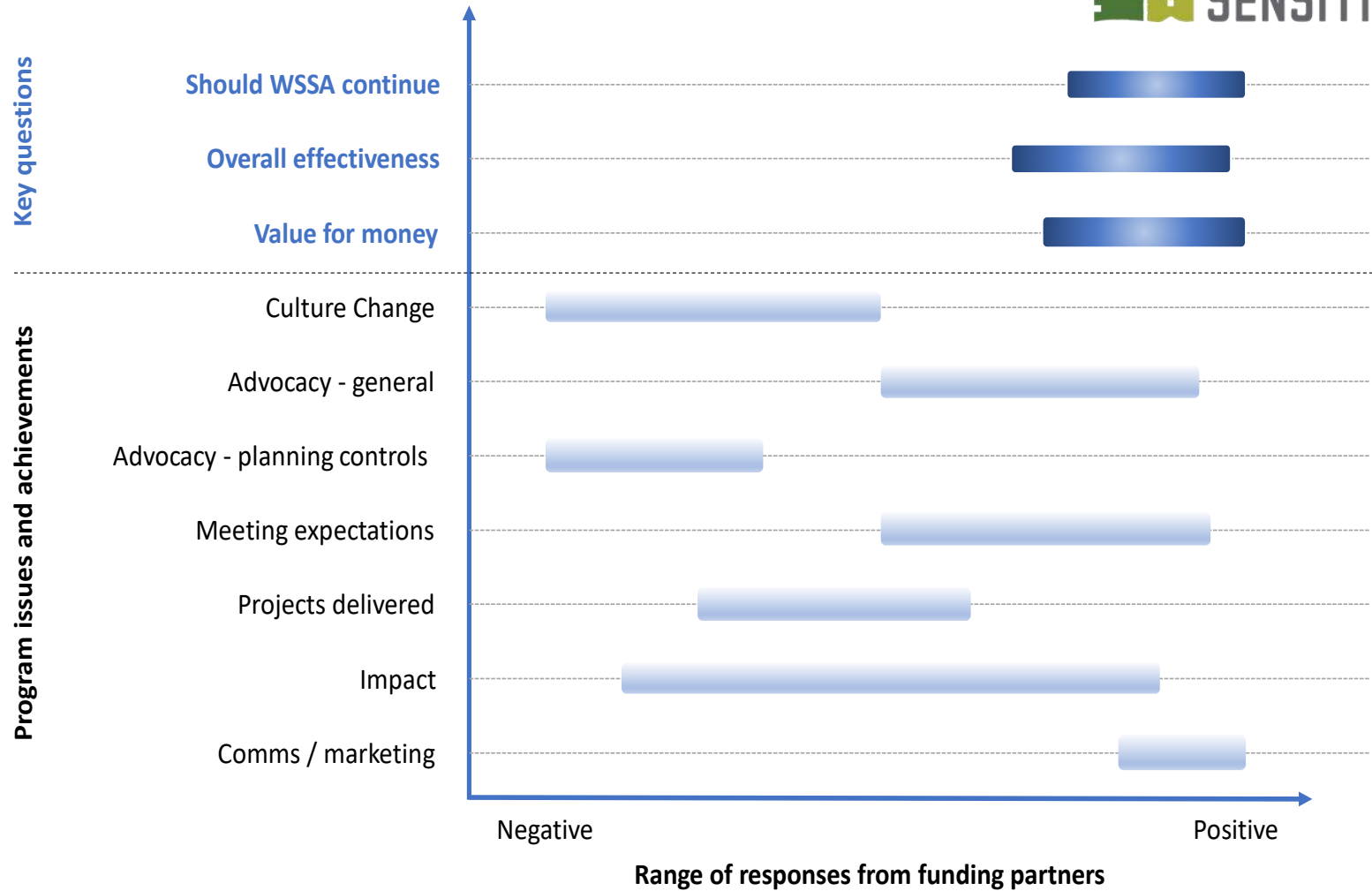
*"We are confident in its alignment with our strategic plan, and know that it is critical for a water sensitive city."*

*"We have a highly motivated program manager. She has the understanding of local government, and has confidence of others in the industry."*

*"Water Sensitive SA has generated momentum, and has created one central point for all WSUD materials and guidelines to be in the one place. It has established a network and delivered events and technical tours."*

*"State policy hasn't changed, but I didn't expect it to change."*





# Stormwater Excellence Awards 2016

## Stormwater South Australia



### Winner – Excellence in Policy or Education





[www.watersensitivesa.com](http://www.watersensitivesa.com)

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