

Priorities

Water Sensitive SA reached major milestones for four priority projects in 2020-21:

Benefit: cost analysis tool (Priority Project 1)

The monetised benefits of urban greening and water sensitive urban design continue to be demonstrated through application of the Cooperative Research Centre for Water Sensitive Cities' INFFEWS [Benefit: cost analysis \(BCA\) tool](#).

The BCA tool was applied to the Salisbury East WSUD Precinct Plan to demonstrate the value of retrofitting an infill precinct through daylighting of a creek, raingardens, swales and infiltration systems to better manage excess stormwater generated by urban densification while delivering urban greening benefits.

South Australian MUSIC Guidelines (Priority Project 5)

The [South Australian MUSIC Guidelines](#), released in March 2021, were the most downloaded document on our website.

Support the adoption of WSUD policy framework within the planning system (Priority Project 7)

The Planning and Design Code was released in March 2021. Our technical advice supported the inclusion of planning policy for:

- Stormwater runoff pollution reduction performance-based policy (Part 4 – General Development Policies, Design)
- Deemed-to-satisfy solutions for stormwater management for small-scale development (Part 3 – Overlays, Stormwater Management Overlay)
- Various performance objectives to achieve greater proportion of site perviousness, and integration between stormwater management and landscaped areas.

Inspection & maintenance guidelines for WSUD assets (Priority Project 11)

We began developing our *Inspection and maintenance guidelines for WSUD assets*, starting with biofilters. The guidelines cover an overview of asset management, a description of each asset type and its functional components, inspection sheets and maintenance requirements, plus a visual catalogue of asset functional component condition.

Training

The *Leadership | Building capacity to achieve water sensitive cities* course is building the capacity of the next generation of SA's greening and urban water leaders. The first of three modules, *Introduction to leadership in the water sector and self-leadership*, delivered in May 2021, was fully subscribed.

Practitioners undertook training to raise awareness of the capability of the [Insite Water tool](#) and the [MUSIC Auditor tool](#), which have been customised for application in South Australia.

TRAINING, SEMINARS & WORKSHOPS

PRACTITIONERS 195

Stormwater quality improvement device evaluation protocol (SQIDEP)
Green infrastructure & WSUD - lot scale solutions
MUSIC Auditor Tool
Leadership | Building capacity to advance water sensitive cities
InSite Water tool, compliance with the Planning & Design Code
Streetscape WSUD

27 COMMUNITY

City of Prospect
City of Mitcham

INDUSTRY 110

Green Adelaide
CRC for Water Sensitive Cities Conference
SA Water Executive

100 WATER SENSITIVE SA PARTNERS

Strategic Planning Workshop
Adelaide City Council
City of Charles Sturt
City of Port Adelaide Enfield
Rural City of Murray Bridge

TOTAL ATTENDEES

432

Presenters challenged current understanding of best practice [permeable paving](#) design, construction and maintenance during a permeable paving site tour and presentation from industry, researchers and practitioners in May 2021.



3-year program review

During April to June 2021, Wave Consulting analysed and reported on the performance of the Water Sensitive SA program against its [strategic measures of success and relevant key performance indicators](#) based on interviews with our partners, and a survey of SA practitioners and community members.

The 3-year review report includes recommendations regarding areas where the program should focus resources in the future.

Research

We continued to work closely with the CRC for Water Sensitive Cities to share the outcomes of new research outputs centred on enhancing liveability for Adelaide communities through greening sustained by water sensitive urban design. In particular, our research focused on [comprehensive economic evaluation framework](#), [guiding integrated urban and water planning](#), and [achieving water sensitive outcomes for in-fill developments](#).

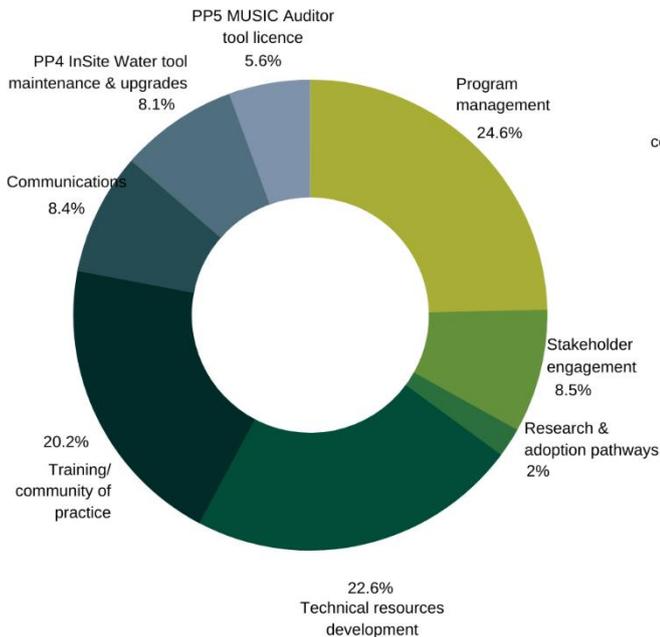
Our partners

We gratefully acknowledge the support of our program and project partners.



Expenditure – 2020-21

Core business - \$145,664



Priority projects - \$32,315

