Ensuring a water sensitive future

CRC for Water Sensitive Cities

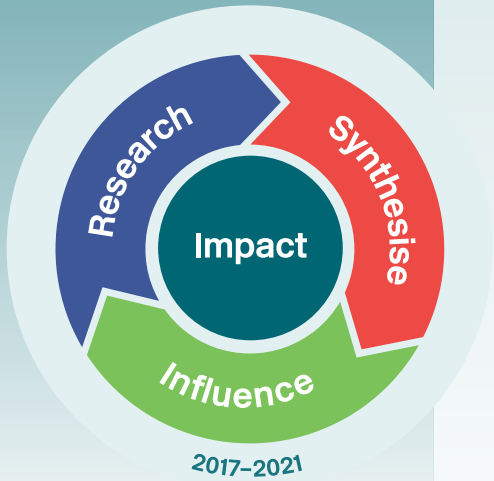
Australian Government Department of Industry, Innovation and Science | Business Cooperative Research Centres Programme

As an interdisciplinary research centre, the **Cooperative Research Centre for Water Sensitive Cities** has brought together world renowned subject matter experts and industry thought leaders who want to *revolutionise urban water management*.

We have made **significant progress**

Working with our 80+ partners, we have made significant progress towards achieving our mission to:

- Research **interdisciplinary responses** to water problems
- Synthesise diverse research outputs into **practical solutions**
- Influence **policy, regulation, and practice** to promote adoption and results on the ground.



Our achievements to date include

Research

6 WATER SENSITIVE CITIES TRANSITION STRATEGIES

1K+ RESEARCH OUTPUTS INC. **230** PEER REVIEWED JOURNAL ARTICLES

NATIONAL AND INTERNATIONAL AWARDS FOR RESEARCH EXCELLENCE AND INNOVATION

3 NATIONAL CRCWSC CONFERENCES WITH OVER **800** ATTENDEES

Synthesise

25 APPLICATIONS OF THE WSC INDEX TO BENCHMARK CURRENT WATER SENSITIVE CITY STATUS

15 IDEAS FOR SYNTHESIS PROJECTS

USEFUL TOOLS AND PRODUCTS TESTED VIA **12** CASE STUDIES

Influence

50+ POSITION PAPERS, GIVING EXPERT ADVICE ON POLICY

5 REGIONAL ADVISORY PANELS AND A NATIONAL CAPACITY BUILDING NETWORK

50+ CASE STUDIES AND GUIDELINES

INTERNATIONAL COLLABORATION SUPPORTING WSC INVESTMENT IN MORE THAN A DOZEN COUNTRIES

But there is **more to do**

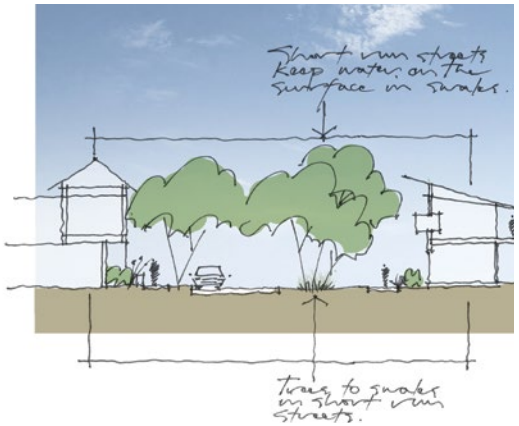
Our current term expires on 30 June 2021. We will have much to celebrate by then, but we know that there will be more to do to:

- ensure Australia remains a global leader in urban water collaboration, research and application
- build on progress made relating to the institutions, regulations, technical tools and industry networks necessary to scale up and lock in water sensitive practices
- continue to challenge the status quo and support city transitions with science-based advocacy.

Our first two tranches of research and adoption activities were built on genuine engagement—understanding our partners' and industry needs and priorities. Engagement is just as important as we look ahead to a potential third wave of research and adoption (T3).

More about our work so far in **Victoria**

Aquarevo—an urban residential development in Melbourne, demonstrates water sensitive planning at a precinct scale, and integrates a range of water sensitive initiatives. This collaboration between a water utility (South East Water) and a developer (Villawood Properties) includes water management initiatives that will reduce potable water use for each home in the development by up to 70%.



Vision and Transition Strategy for a Water Sensitive Bendigo—defines a vision of a water sensitive future for Bendigo: a thriving inland city, where water innovation supports healthy people, green environments and resilient systems. The strategy also outlines the broad steps that Bendigo should take to enable transition. It follows 9 months of research, analysis and engagement with the city's water, planning and development, environment and community sectors.

Fishermans Bend—is Australia's largest urban renewal project, with a projected 80,000 residents and 80,000 jobs by 2050. The CRCWSC has an ongoing role with the Fishermans Bend Taskforce, examining solutions that marry grey and green infrastructure to manage the effects of flooding. These proposed solutions include technical responses—such as levees, pumps and areas to capture water in streets—as well as social responses related to planning controls and community engagement.

We would love to **hear your views**

Over the next 9 months, we will be seeking your views on the issues that will shape our future cities, the action needed to respond to those issues and how Integrated Urban Water Management can contribute.

You can have your say by:

- Joining us at our T3 workshop on 5-6 December in Melbourne
- Contacting us directly via our dedicated T3@crcwsc.com.au email
- Talking to your Regional Manager or contributing to Regional Advisory Panel discussions
- Joining us in Brisbane for our 4th Water Sensitive Cities Conference, 26–28 March 2019.

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