



CRC for
Water Sensitive Cities



Australian Government
Department of Industry,
Innovation and Science

Business
Cooperative Research
Centres Programme

Integrated Urban Water Management:

Moving from risks to opportunities

watersensitivecities.org.au

1. Illustrate the value of nature based solutions in moving from risks to opportunities
 - City of Kunshan
2. Outline CRCWSC research to assist selecting and financing a better portfolio of solutions

Australian Government funded research to practice initiative to ensure our future cities are:

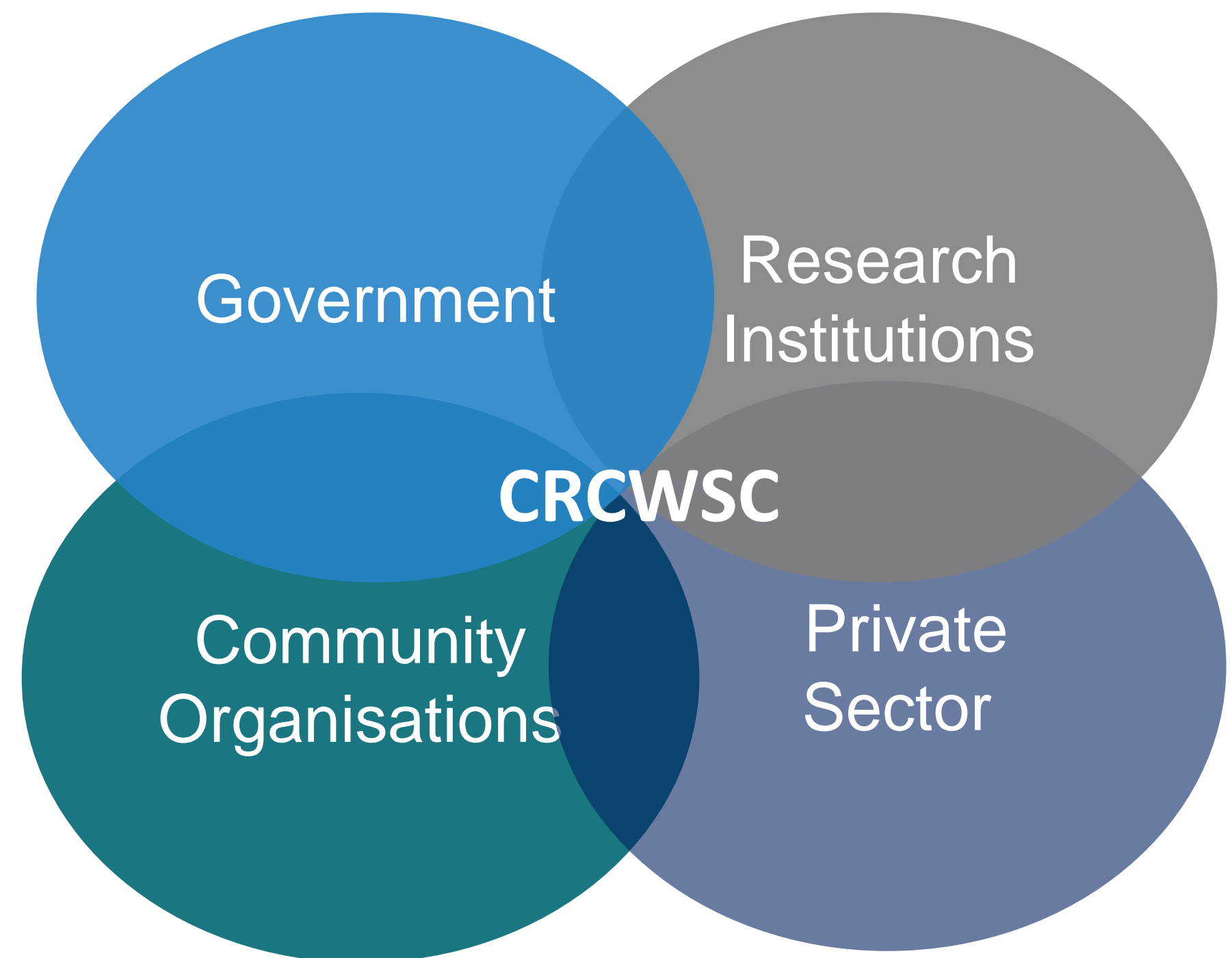
80+ *Partner organisations*

Resilient

Sustainable

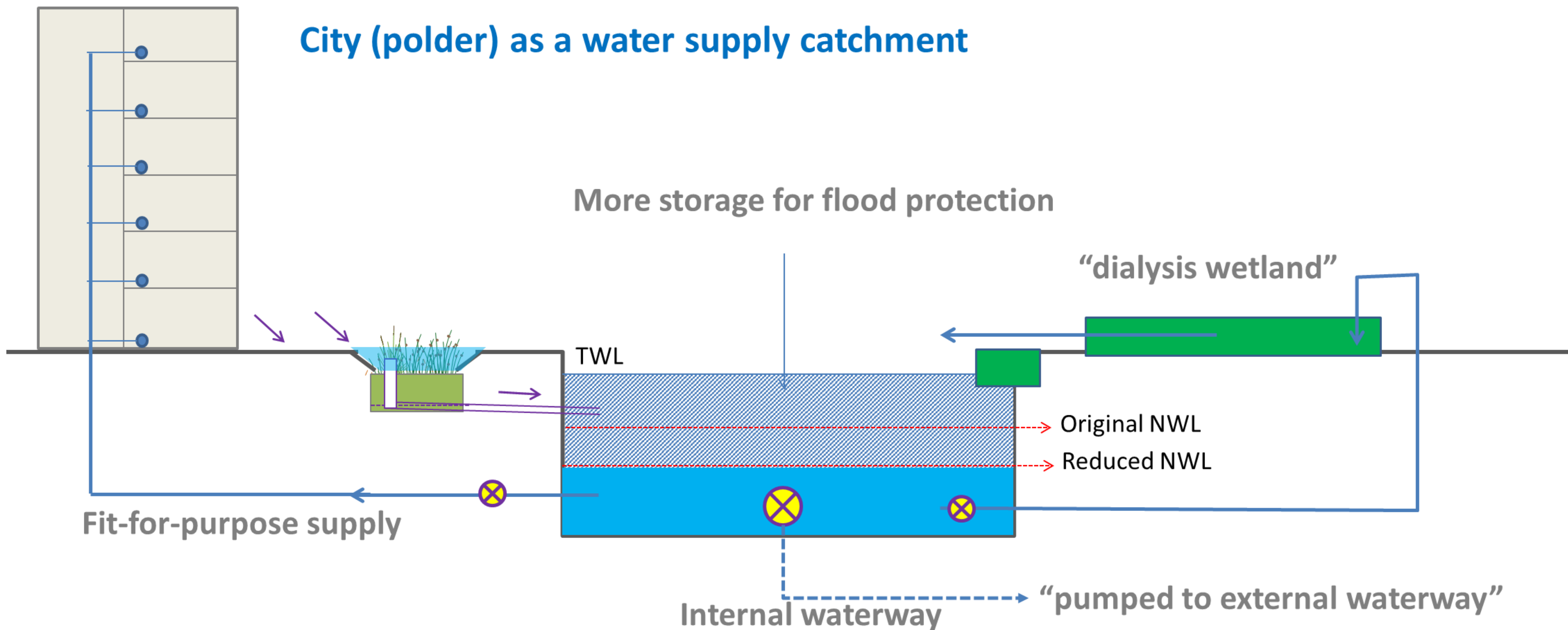
Prosperous

Liveable



Kunshan city – growing opportunities and challenges



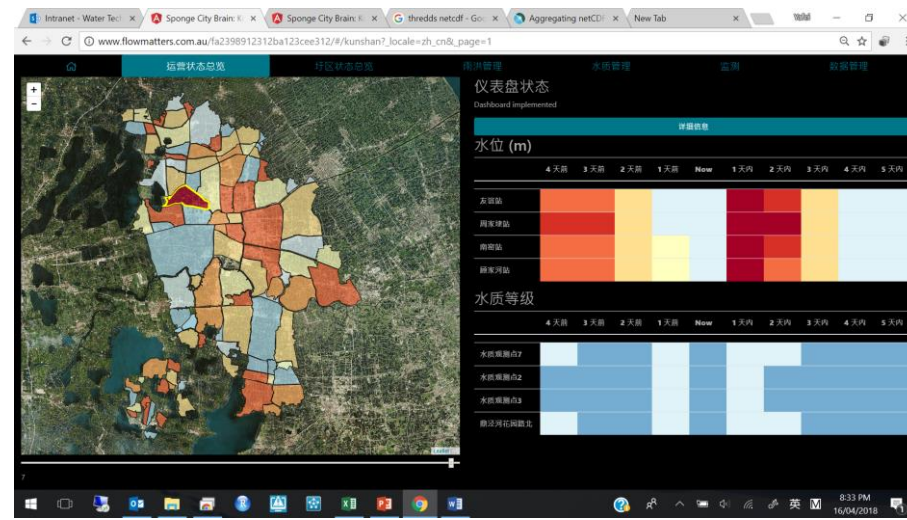


- “Dialysis wetland” as kidney for water cleansing
- More storage in internal waterway for flood protection
- Reduce potable water demand and support future population growth
- parks for water cleansing, amenity and extreme flood events

Action over a range of scales and timeframes

Spatial scale of implementation

Large

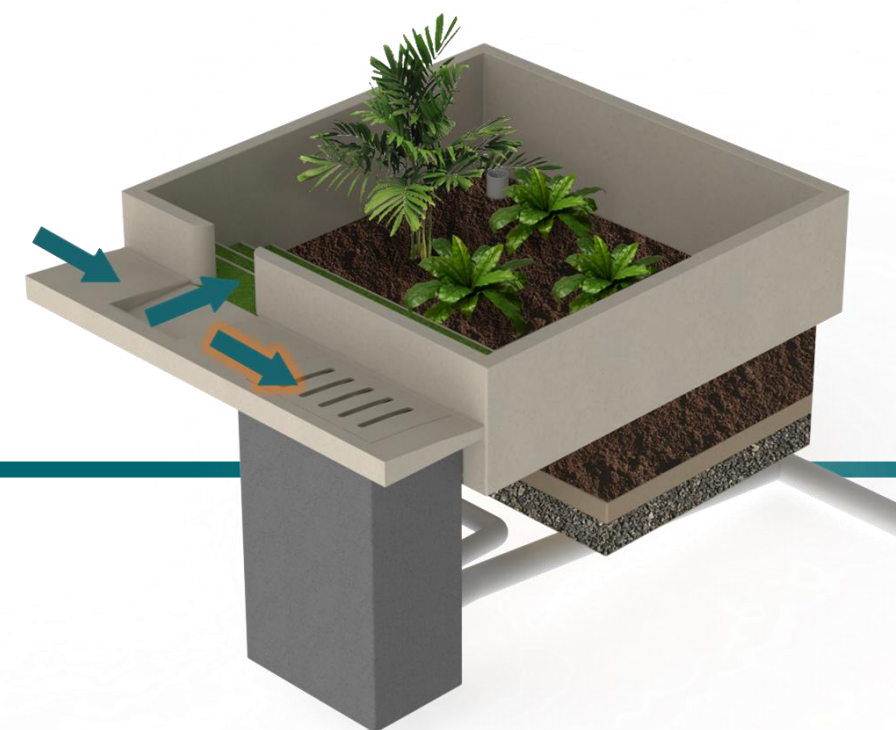


Urban Planning & Design

Architecture & Landscape



Industrial Design

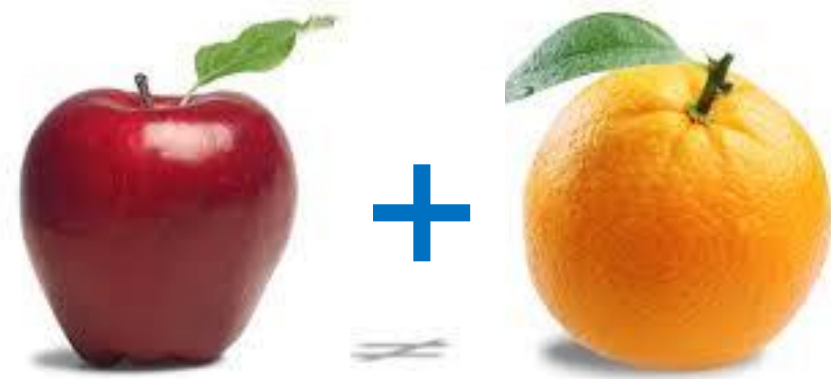


Small

Short

Long

Temporal scale of implementation



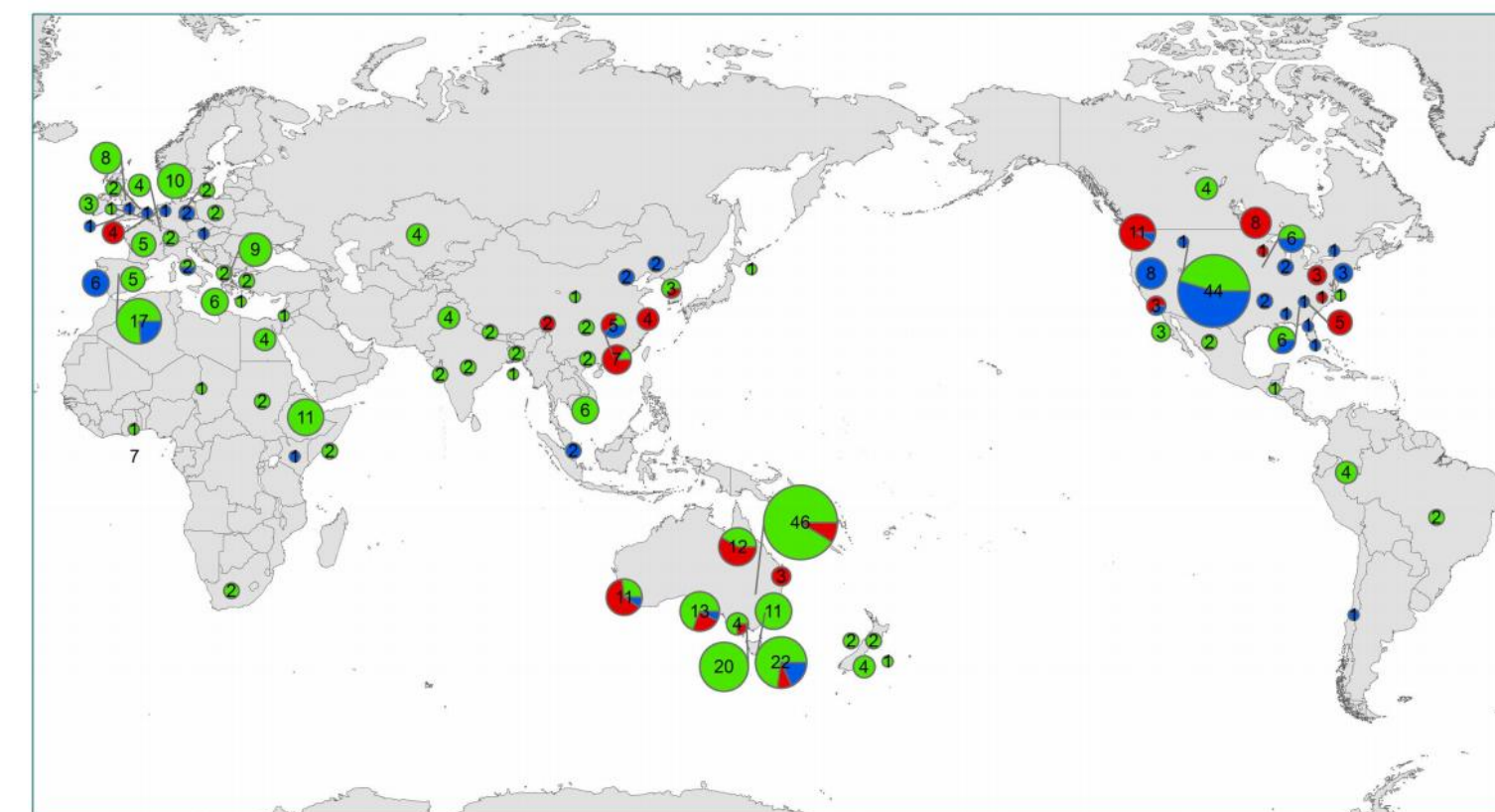
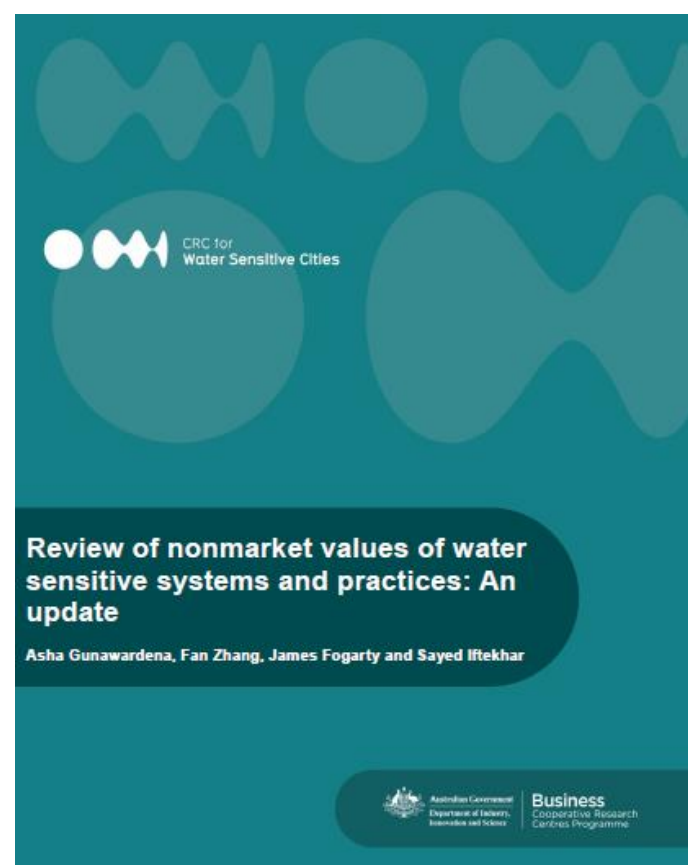


How do you take account of the different direct and *indirect* costs, benefits, risks and opportunities of different options?



Some helpful tools are on their way to:

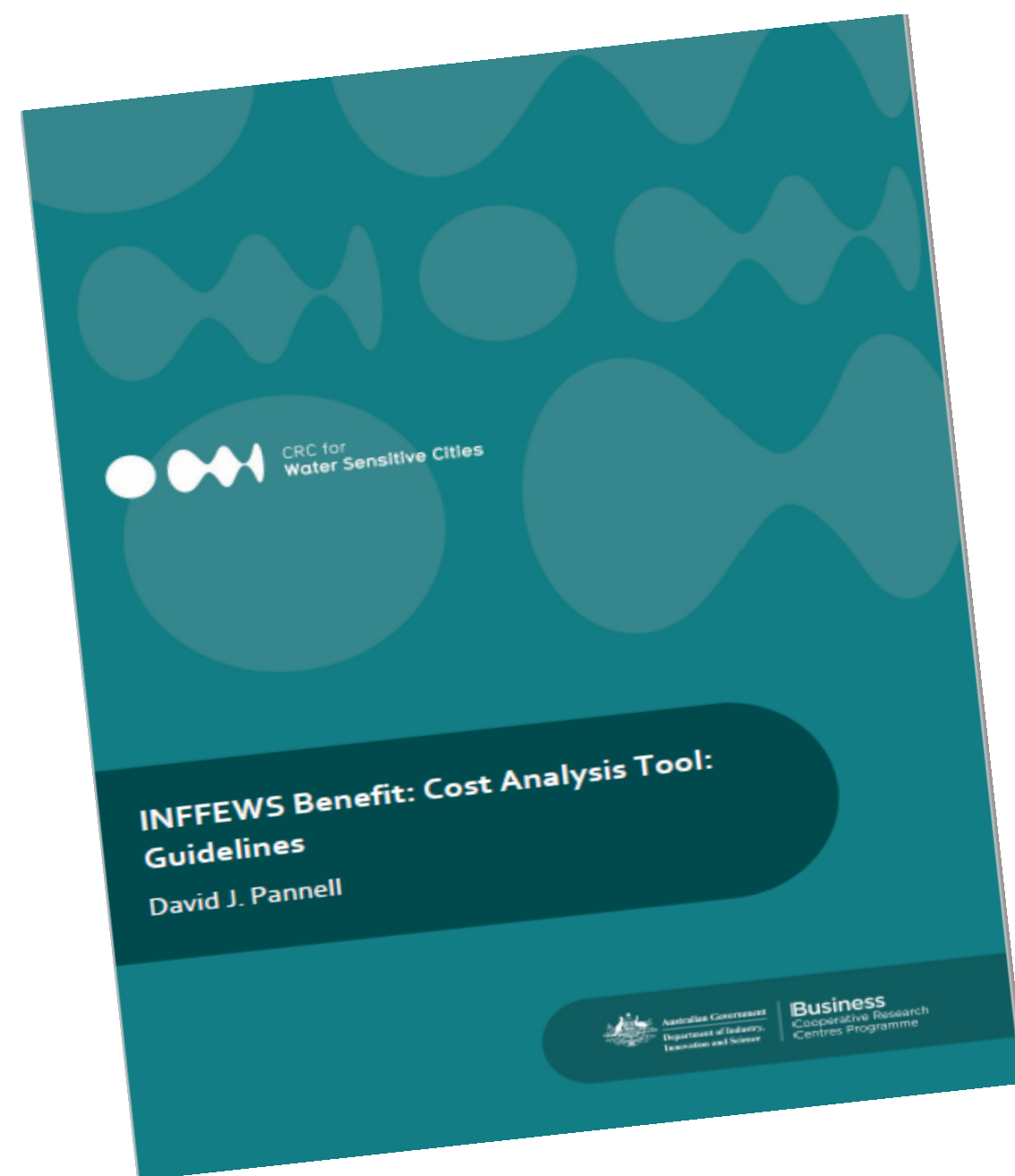
Value indirect benefits



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Stated Preference Revealed Preference Other

Some helpful tools are on their way to:

Analyse costs, benefits and financing options



BCA assessment tool

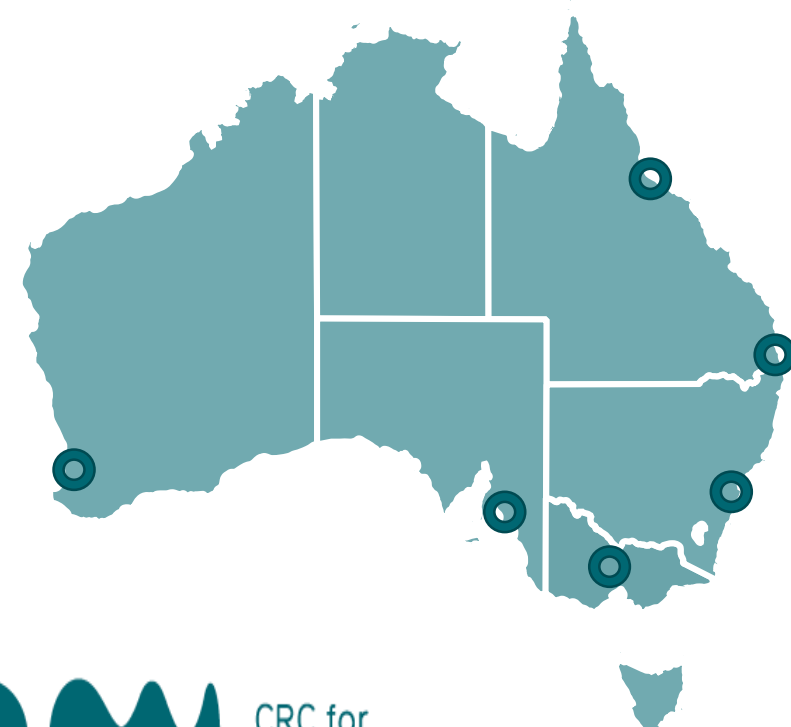
Rapid assessment tool

Case studies

Supporting online training, guidelines and materials

Some helpful tools are on their way to:

Assist collaboration across the many varied stakeholders involved in IUWM





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Thank you.