



CRC for
Water Sensitive Cities



Australian Government
Department of Industry and Science

Business
Cooperative Research
Centres Programme

IRP2 Overview

Sayed Iftekhhar, Project Leader, IRP2 CRCWSC
UWA

27 February 2020




THE UNIVERSITY OF
**WESTERN
AUSTRALIA**

Project aim



The overall aim of this project (2017 – 2020) is to develop, test and apply a broadly applicable **framework** for conducting integrated **economic assessment** to support **business case development** for investing in water sensitive, liveable and resilient cities.


Value tool



INFFEWS Value Tool

Benefit: Cost Analysis of urban water and green infrastructure projects

Copyright © 2018, CRC for Water Sensitive Cities
Version 2019-09
Developer: Sayed Iftekhar, Asha Gunawardena and James Fogarty, University of Western Australia
IRP2-09-2019



Integrate Research Project 2, "Comprehensive economic evaluation framework"
Project leader: Sayed Iftekhar, University of Western Australia
Contact: mdsayed.iftkhar@uwa.edu.au

The INFFEWS Value Tool

This database was developed as part of CRC for Water Sensitive Cities IRP2 project


It is supported by a set of guidelines:

Iftekhar, M.S, Gunawardena, A., Fogarty, F., Pannell, D. and Rogers, A. (2019). Value tool of water sensitive systems and practices: Guideline (Version 1): IRP2 Comprehensive Economic Evaluation Framework (2017 - 2019). Melbourne, Australia: Cooperative Research Centre for Water Sensitive Cities

Please read the guideline before using the Value Tool


This Beta version of the tool is for testing, so your feedback is important to us. Please email your comments and suggestions, quoting Version 2019-09, to:

mdsayed.iftkhar@uwa.edu.au




INFFEWS Value Tool: Guideline (V1)

Sayed Iftekhar, Asha Gunawardena, James Fogarty,
David Pannell and Abbie Rogers



Australian Government
Department of Industry,
Innovation and Science

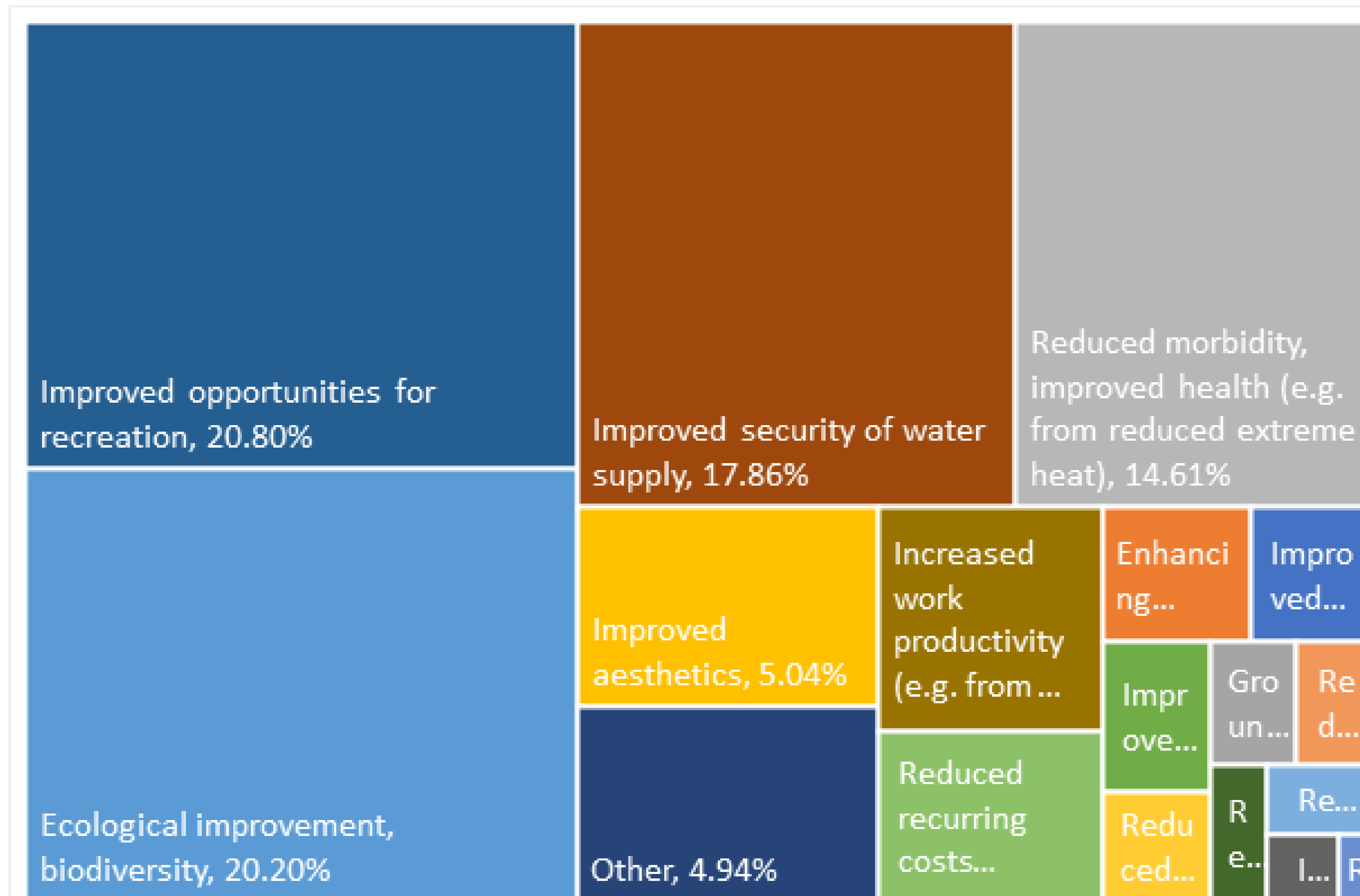


Business
Cooperative Research
Centres Programme

Value tool

- ❑ Focus on Australian studies
- ❑ Information from 164 studies have been included so far
- ❑ Total number of records: 2,005
- ❑ Record with monetized information: 1,748
- ❑ Record with non-monetized information: 257
- ❑ Value functions: 10
- ❑ Visualization of data
- ❑ Information organized in an excel spreadsheet-based database


Distribution of values by benefit types



Prioritization of projects / plans

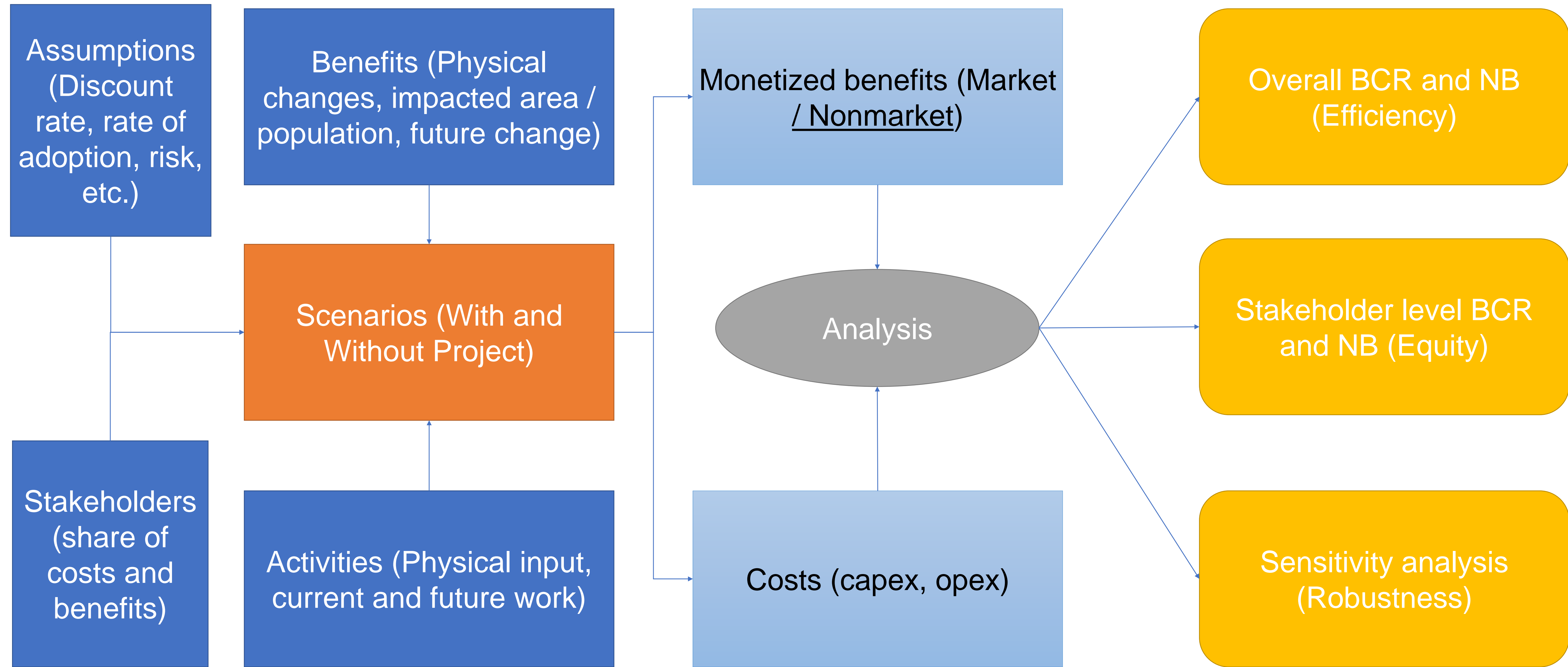
1. Project ranking guideline
2. BCA tools and guidelines, training materials, courses



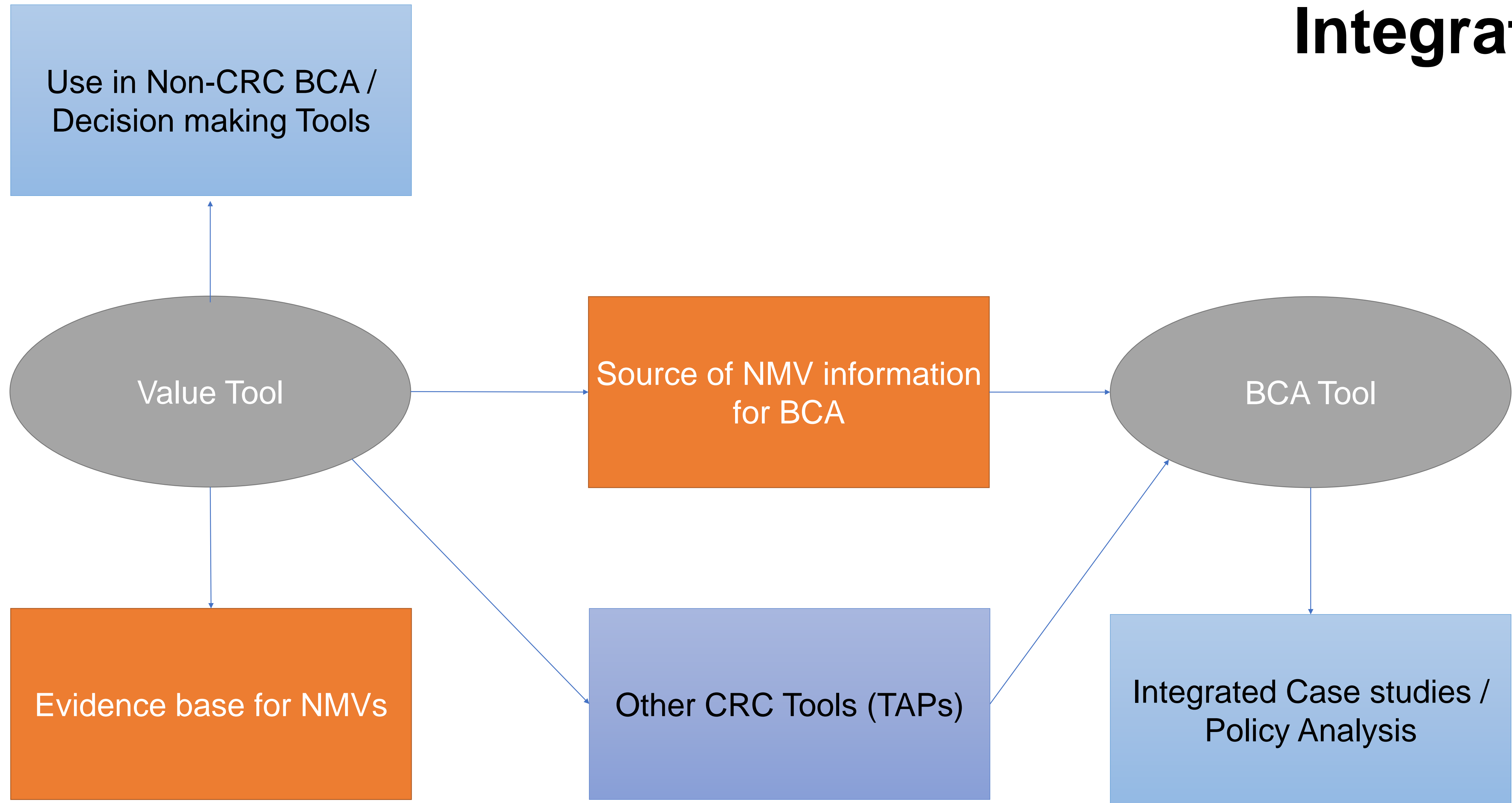
	A	B	C
1	<h1>INFFEWS BCA Tool</h1> <h2>Benefit: Cost Analysis of urban water and green infrastructure projects</h2>		
2			 CRC for Water Sensitive Cities
3	Copyright © 2018, CRC for Water Sensitive Cities		
4	2018.15 Beta		
5	Developer: David Pannell, University of Western Australia		
6			
7	Integrate Research Project 2, "Comprehensive economic evaluation framework"		
8	Project leader: Sayed Iftekhar, University of Western Australia		
9	<h3>The INFFEWS BCA Tool</h3>		
10	The INFFEWS BCA Tool is designed to assist users to conduct a high-quality Benefit: Cost Analysis (BCA) of projects related to water and green infrastructure in urban areas.		
11	Video introduction to the INFFEWS BCA Tool		
12			
13	It provides a systematic and user-friendly approach to project evaluation. Users work through the spreadsheet step by step. The information builds in a logical sequence, with later questions depending on answers to earlier ones.		
14			
15	This Beta version of the Tool is for testing, so your feedback is important to us. Please email your comments and suggestions, quoting 2018.15 Beta, to:		
16	David.Pannell@uwa.edu.au		
17	<h3>Use the INFFEWS BCA Tool spreadsheet in conjunction with ...</h3>		
18	<i>"INFFEWS BCA Tool: User Guide"</i> . Provides detailed step-by-step instructions and advice for completing a BCA in this spreadsheet tool.		
19	<i>"INFFEWS BCA Tool: Guidelines"</i> . Explains key concepts behind BCA; explains the structure and elements of the tool; outlines information requirements and judgements needed to apply the tool; suggests strategies for obtaining data.		
	<i>"INFFEWS Benefit: Cost Analysis and Strategic Decision Making"</i> . Provides guidance on BCA basics: strategic issues related to BCAs; whether to conduct a BCA; and use of economic		
	Cover	General	Time
		Benefits	Benefit parameters
		Custom benefits	Adoption

❑ Spreadsheet

BCA Tool



Integration



Thank You!



CRC for
Water Sensitive Cities

watersensitivecities.org.au