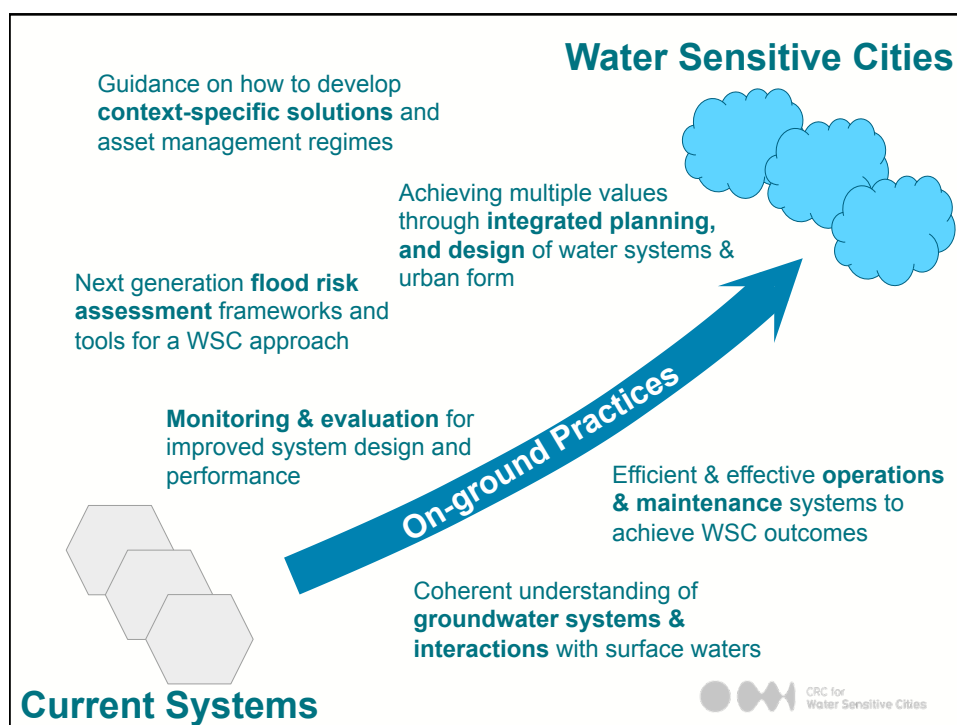
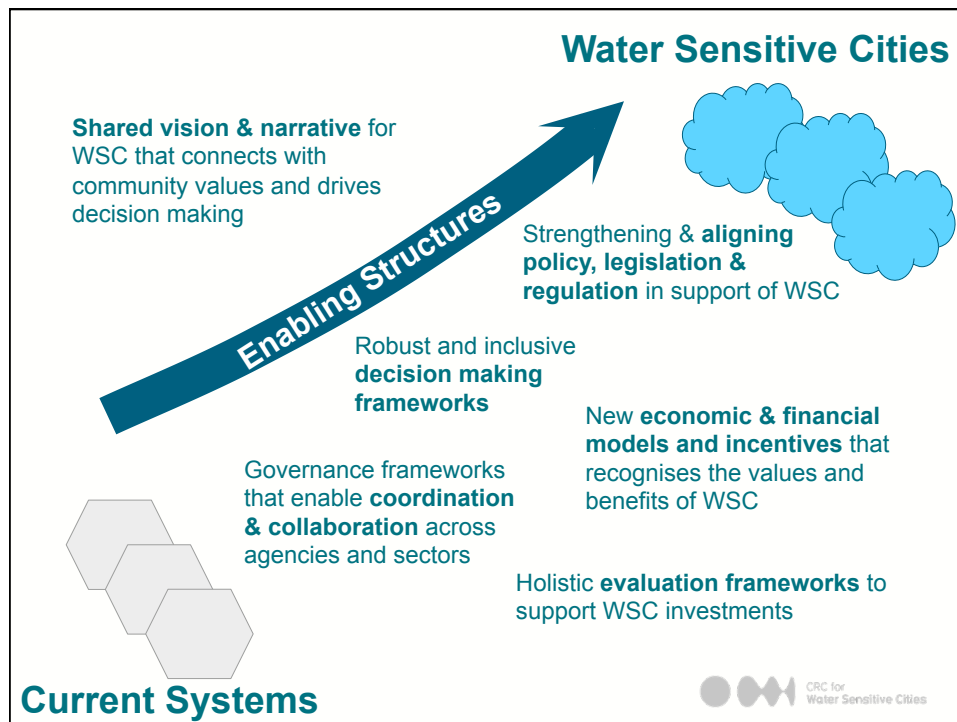
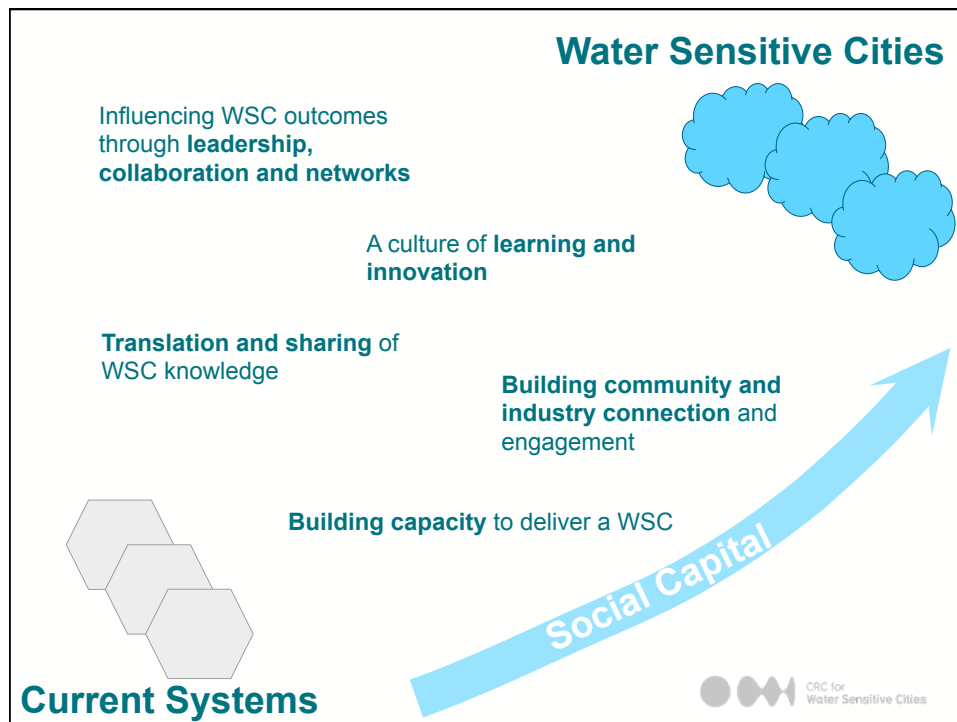


## Outcomes from Needs & Opportunities workshops

- Collated from five state-based workshops
- Total of 180 attendees (excl. CRC staff)
- 58 CRC Participants  
(8 Essential and 44 Other Participants, 6 SME-Associates)
- 58 non-participant organisations
- Outcomes combined into 17 key needs on three transition pathways, as follows





## Project Development Workshop 1

- Overall 65 participants
  - ≈ 45 academic researchers
  - Two representatives from each of 5 RAPs
  - Three chairs of Research Advisory Sub-Committees
  - EPRG & SASC representatives from different states
- Focus on determining potential research activities to address identified industry needs
- Proposed activities grouped into five clusters, see below
- Research Cluster aims and objectives plus activities drafted in workshop, being revised by Cluster teams

## Proposed Research Clusters

- **Steering Transitions**
  - Guiding and influencing
- **Integrated Planning and Implementation**
  - Coordinated and aligned decision making
- **Context Specific Solutions**
  - Green / grey / brownfield (infill)
  - Flood / heat / groundwater / climate change ...
  - Social and cultural context
- **Monitoring and Performance Optimisation**
  - Performance of technical, natural and management systems
  - Optimisation and design
- **Socio-economic evaluation frameworks**
  - Believable narrative for macro and micro-level audiences

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## Revision and application of Research Cluster activities

- Draft outcomes of planned key activities/objectives of research clusters provided below
- Detailed cluster activities/descriptions being revised by Cluster leaders and teams (due end January 2016)
- Scope and directions of Research Cluster activities currently based on identified industry needs and T1 outcomes/activities
- Actual Research Cluster activities in T2 will depend on project needs and be incorporated in (RAP-lead) project plans/development
- Key focus of second Project Development Workshop (15 Feb 2016) will be on aligning/incorporating research cluster activities into developing project proposals

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## Steering and Influencing Transitions

- Community support & demand
- Political/Organisational/Individual –  
Leadership/Influencers/Boundary Spanners
- CRC as a dialogue facilitator
- Diagnosis & benchmarking of transitioning over time
- Knowledge translation at different contexts / scales
- Decision making principles
- Vision and narrative
- Organisational change
- Process for adaption planning
- Behaviour change
- Use & celebrate quick wins
- Social change

**Proposed Cluster Leader Kelly Fielding**

16 nominated participant researchers

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## Integrated Planning and Implementation

- Understanding why integrated planning is not currently happening
- Proving the concept by demonstrating what integrated planning and implementation looks like, and how integrated planning realises public benefits
- Converting this into planning processes, procedures and tools that:
- conceptualise and operationalise a holistic planning, design and evaluation process
- maximise the value of a WSC
- reduce the risk and deal with the uncertainties
- Building capacity to make this mainstream practice

**Proposed Cluster Leader Darryl Low Choy**

21 nominated participant researchers

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## Context-specific Solutions

- How to effectively integrate knowledge and tools across different research and practice disciplines
- How to better learn together
- How to best capture learnings and disseminate them to other contexts
- Contexts:
  - geo-climatic
  - socio-cultural / community
  - hydrologic
  - ecological
  - political / legal
  - institutional / governance
  - industry capacity
  - history / temporal
  - variable: spatial scale (start small; scale-up to achieve quick wins and longer-term objectives)

### Proposed Cluster Leader TBC

21 nominated participant researchers

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## Monitoring and Performance Optimisation

- To ensure and validate that the systems/infrastructure we put in place are delivering the intended outcomes and benefits.
- Feedback loops to enhance performance
- Ensuring that the delivered benefits occur/persist across diverse, temporal and spatial scales
- Expand the breadth of social ecology benefits considered and assessed in order to improve our business++ eg. Epidemiological study to identify health benefits
- Informed and adaptive management practices, including steering/ influencing mechanisms (eg incentives, regulations etc.)
- Monitoring 4 learning
- Cost efficient and effective monitoring
- Incentivise information sharing

### Proposed Cluster Leaders David McCarty/Angela Dean

14 nominated participant researchers

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## Evaluation Frameworks

To develop a robust and inclusive evaluation framework that provides a mechanism for:

- holistic decision making
- recognizes the multiple values and benefits of WSC
- supports WSC investment at multiple scales and for multiple audiences
- supports optimised system design and performance
- builds a culture of learning and innovation
- builds community connection & engagement
- provides the WSC narrative for the respective audience

**Proposed Cluster Leaders Megan Farrelly/Rachael Cardell-Oliver**  
17 nominated participant researchers

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