



We acknowledge the Traditional Owners of the lands in the Murray-Darling Basin and pay respect to their Elders, past, present and emerging.

Sharon Davis
Partner Manager

*Productive, resilient,
and sustainable*

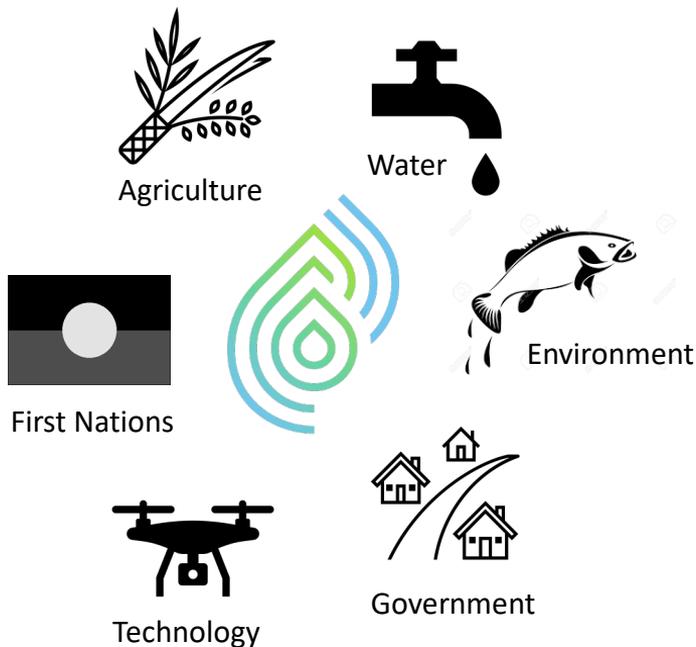


**ONE
BASIN
CRC**

OUR VISION:

Australia's irrigation regions are the most productive, resilient and sustainable in the world

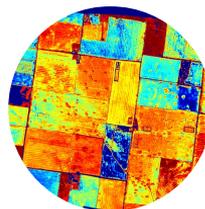
A partnership across sectors



... realizing shared opportunities



Diversify opportunities for water scarce communities



Transition irrigated agriculture for a drier future



Design Smart Connected water Infrastructure

ONE BASIN CRC PARTNERSHIP



END-USER ORGANISATIONS



COMMERCIALISATION PARTNERS



KNOWLEDGE AGENCIES



Outcomes from the ONE Basin CRC

- Increased agricultural production
- Growth of the irrigation technology sector
- More effective government spending
- Reduced energy consumption and emissions
- Enhanced social and economic wellbeing of First Nations
- Improved health and resilience of freshwater ecosystems
- Increased resilience of regional economies



**INNOVATING TECHNOLOGY
BUSINESS MODELS AND
INFRASTRUCTURE**



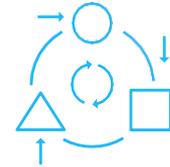
**Technology and
Opportunity
Program**



**BUILDING CONFIDENCE
TO INVEST**



**Foresight and
Decisions
Program**



**OVERCOMING BARRIERS
TO INNOVATION**



**Capability and
Commercialisation
Program**

Example: Forecasting water demands to optimize storage control for rural water supply



QuickStart Project Outcomes

- **Increased productivity of the irrigation district**
 - Improved customer service
 - Decreased losses
 - Increased supply efficiency and
 - Increased resilience in dry years

Example: Our Changing Water future- “Adapting to change together”



Project Outcomes

- **Impacts of drying climate on industry are anticipated and managed**
 - Shared understanding future climate and water scenarios
 - Businesses are better informed to respond to climate change
 - Climate adaptation planning by industry and water agencies is more coordinated and effective

Example: Using brackish groundwater in inland Australia



Project Outcomes

- **Increased productivity and resilience of irrigation regions with increased diversity and security of water supply**
 - Improved information for business planning and government policy
 - Understanding of barriers and risks
 - Building collaborative models



- Relevance
- Partnership
- Trust

“There is a genuine desire across all levels of Government to secure a vibrant future for our regional communities. To date what is lacking is the collaboration and commitment to the innovation and investment needed to make it a reality.”

- NFF (2022) Regional Development Precincts



ONE
BASIN
CRC

Productive, resilient and
sustainable irrigation regions

"It's the right partners at the right time for us as we move from a 100 year old "rule of thumb" network to a modern, automated data lead one" - *Murrumbidgee Irrigation*

"This CRC presents a compelling means to redesign high-value and profitable farming systems with scope to double the value/ML of water input. Attaining this on a broad scale across diverse landscapes and communities requires the bold initiative and capacities of this CRC." – *Peter Hayes, Chair, Almond Board Australia*

"We see this CRC as critical to the Basin's sustainability and a future based on best-practice research and learning, which will help grow our region from an economic and population perspective." - *Lawrence Springborg, Mayor, Goondiwindi Council*

"Most important is having local input into the research from people here who have had a great many years of experience in the water industry or in the horticultural industry or the environmental sector" - *Anne Mansell, CEO, Dried Fruits Australia*