One Basin's quickstart projects

The One Basin CRC is kicking off its work in 2023 with 9 initial projects.
To learn more, visit **onebasin.com.au** or email admin@onebasin.com.au

Project	Partners	Regional hub	Project leader	Program
Irrigation demand forecasting for multi-scale multi-objective system storage control optimisation	Australian National University University of Melbourne Murrumbidgee Irrigation Coleambally Irrigation	Griffith	Joseph Guillaume, Australian National University	Technology and Opportunity
Organic waste conversion: Novel biological products to increase agricultural production and reduce environmental impacts	Western Murray Land Improvement Group	Goondiwindi	Roger Knight, Western Murray Land Improvement Group	Commercialisation and Capability
Shifting availability: the implications of climate change	University of Melbourne Murray–Darling Basin Authority	Mildura	Avril Horne, University of Melbourne	Foresight and Decisions
Water infrastructure critical component anomaly detection and health prediction prototype	Australian National University University of Melbourne Murrumbidgee Irrigation Coleambally Irrigation Rubicon Water	Griffith	Joseph Guillaume, Australian National University	Technology and Opportunity
Opportunities and risks associated with identifying, sourcing and treating brackish groundwater	University of Adelaide Osmoflo Flinders University South Australian Research and Development Institute	Loxton	Michael Leonard, University of Adelaide	Foresight and Decisions
Predicting the impact of climate change on irrigation demand across the One Basin	South Australian Research and Development Institute, Department of Primary Industries and Regions Charles Sturt University	Loxton	Paul Petrie, South Australian Research and Development Institute, Department of Primary Industries and Regions	Foresight and Decisions
Equity and vulnerability in a drying basin: water sharing policy and quality of life in towns	Alluvium	Goondiwindi	Vicki Martin, Alluvium	Commercialisation and Capability
Citizen science: integrating community groups into basin-scale fish tagging and recovery programs	Charles Sturt University OzFish	Griffith	Lee Baumgartner, Katherine Doyle, Charles Sturt University	Commercialisation and Capability
Building capacity to adapt to a more variable water future	University of Melbourne North East CMA Goulburn Broken CMA Australian National University	Griffith	Avril Horne, University of Melbourne	Foresight and Decisions