

RP2017

ENERGY BENCHMARKING FOR EFFICIENT, LOW-CARBON WATER RECYCLING OPERATIONS

Snapshot

Recycled water systems must be further optimised to improve their energy and resource use efficiency, and reduce the associated carbon emissions intensity and operational costs. Using a range of full-scale Australian water recycling facilities as case studies, this project will employ a novel benchmarking approach to characterise current recycled water systems performance and drive future optimisations.

Outcome

Research outputs will directly contribute toward more energy-efficient, cost-effective and lower-CO₂ emissions recycled water supply in Australia and will deliver a new methodology to enable similar optimisations internationally.

Low Carbon Precincts

4. Designing integrated low carbon precincts

Project Leader

Dr Michael Short (UniSA)
michael.short@unisa.edu.au

Partners

UniSA; SA Water; Sydney Water;
UNSW

PROJECT START DATE: JAN-145

PROJECT DURATION: 3 YEARS

