

RP2002

INTEGRATED ETWW DEMAND FORECASTING AND SCENARIO PLANNING FOR PRECINCTS

Snapshot

This project is designed to develop a shared platform for integrated ETWW (energy, transport, waste and water) demand forecasting and scenario planning under low carbon futures. It has a focus on synergies, alternative approaches, gaps and required research directions.

Outcome

Objectives include the development of integrated tools for demand forecasting and scenario evaluation covering ETWW with identified commonalities in data requirements and model formulation. An integrated framework for demand forecasting be fully developed and implemented with inclusions for the impacts of household behaviour change in demand forecasting at the precinct level. In this way the overall carbon impacts of urban developments or redevelopments can be assessed effectively and efficiently by the end user.

Low Carbon Precincts

4. Designing integrated low carbon precincts

Project Leader

Prof. Michael Taylor (UniSA)

Michael.Taylor@unisa.edu.au

Partners

UniSA; CSIRO; UNSW; Sydney Water; SA Water; Renewal SA; SA Dept of Env, Water & Natural Resources; AECOM

PROJECT START DATE: JAN-13

PROJECT DURATION: 3 YEARS

