

RP2008

# WASTEWATER BIOSOLIDS

## Snapshot

Wastewater treatment plants in the past were designed to optimise treatment performance, to ensure compliance with regulatory requirements. Solids management accounts for 20-30% of total plant energy demand. The project will assess solids treatment and transportation / end-use scenarios to better understand the inter-relationships and dependencies between energy (usage and generation, treatment processing, transportation and land utilisation in terms of reducing CO2 emissions and optimising energy efficiency.

## Outcome

The outcomes will provide (i) information on cost effective energy reduction opportunities in solids processing and management (ii) promote local beneficial reuse of biosolids as a value-added resource and (ii) reduce environmental barriers for land application.

## 4. Designing integrated low carbon precincts

### Project Leader

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### Partners

UNSW; UniSA; Sydney Water; SA Water; Prospect Water; Hunter Water; Suez Environment; Degremont

**PROJECT START DATE: JUL-13**

**PROJECT DURATION: 3 YEARS**

