

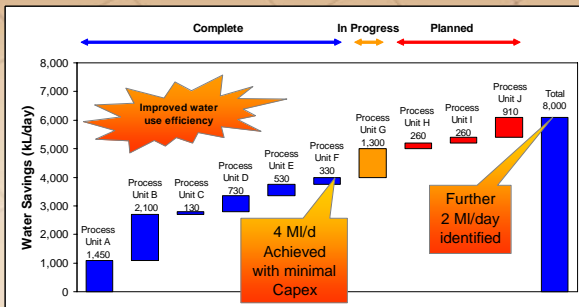
# Operational Excellence



## Increasing Water Efficiency

### Is your plant's water consumption or efficiency looming as a big issue?

A recent engagement undertaken for an Australian industry leader has led to 10% water saving across their plant (representing 4MI/day) with significant additional process improvements identified.

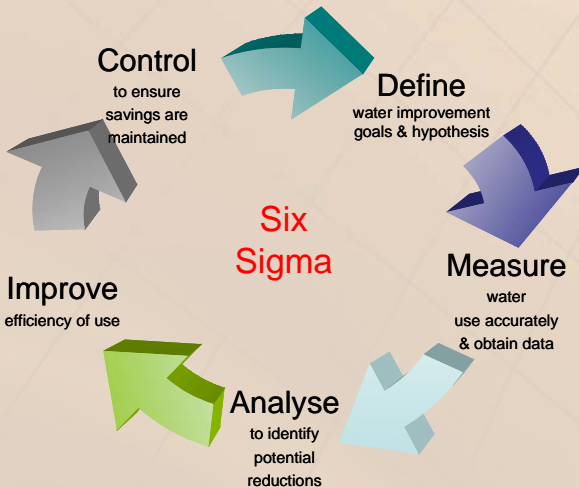


### Key Outcomes for Clients:

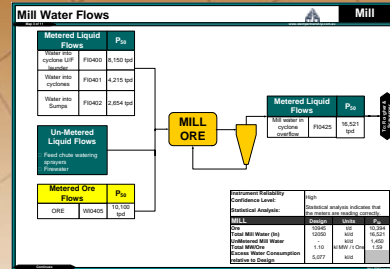
- ✓ Sustained improvement in water use efficiency
- ✓ Ability to achieve industry benchmark efficiency
- ✓ Comprehensive audit of plant water consumption
- ✓ Efficient identification & prioritisation of water savings opportunities
- ✓ Professional team to implement initiatives
- ✓ Develop & implement systems to ensure sustained improvements

### Methodology:

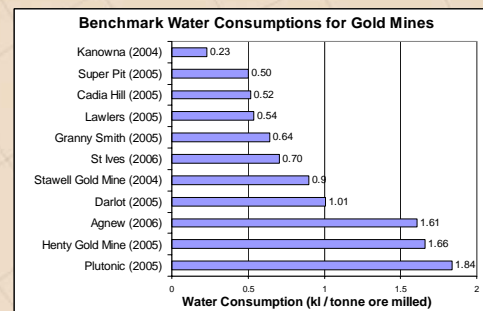
RMDSTEM combines leading edge processes and skills to provide a unique and comprehensive service package. Six-Sigma is at the core of our methodology.



- **Plant audits** are performed to identify instrumentation deficiencies and gross water inefficiencies.

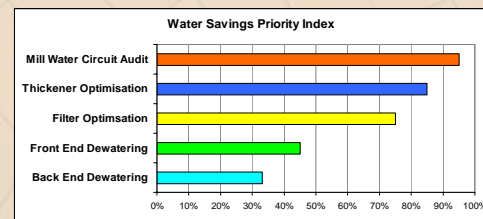


- **Internal & external benchmarking** at equipment, process unit and plant scale is performed to effectively quantify excess water consumption.



- **Detailed analysis** is conducted to identify water saving initiatives. This includes assessing the sensitivity of water consumption to known operational variables.

- **Prioritisation** of identified water savings initiatives is performed using our proprietary software, *Perspective™*, by efficiently assessing the potential impacts of costs, risks & uncertainties associated with each opportunity.



- As part of our service, RMDSTEM can provide:
  - **A Total Program Management Solution.** We manage the planning, preparation of the business case and the implementation of projects.
  - **Program Auditing Solution.** We monitor, track and report objectively on outcomes delivered from projects performed by others.
  - **Project Management Solution** We manage selected projects from inception to the delivery of sustainable operating practice.