

RETAIL AND SERVICES



## Wringing out big savings for commercial laundries

### INSIGHT

Each year in Asia Pacific alone, more than 6,500 commercial laundries consume more than 35 billion gallons of water and 500 million cubic meters of gas to wash more than 20 billion pounds of textiles. And they must comply with strict – and costly – discharge regulations.

That's why five leading textile service groups in Australia and New Zealand turned to Ecolab to help them:

- Reduce water and energy consumption
- Minimize their environmental footprint
- Improve wash quality

### INNOVATION

To accomplish these goals, Ecolab deployed a circular water strategy with the BlueOcean™, AquaBatch™ and AquaDrain™ filtration systems.

These state-of-the-art systems, combined with wash process expertise, helped the laundries filter, recycle and reuse water. This not only reduced freshwater demand, it cut gas consumption in boilers and dryers. Ecolab also implemented its latest 40C ultra-low temperature washing process, OxyGuard™ 40, which helped reduce water and energy consumption at 22 laundries even further.

The total water savings? 446 million gallons annually for 22 laundries, which represent just 1.3 percent of Asia Pacific's commercial laundry water use. Imagine the potential impact if a much larger percentage of the region's commercial laundries implemented these solutions.

### TECHNOLOGY

- AquaBatch™
- AquaDrain™ filtration systems
- BlueOcean™
- OxyGuard™ 40 low-temp washing

eROI<sup>SM</sup>

### ANNUAL SAVINGS

#### WATER

**445 million**

gallons saved — equivalent to the annual drinking water needs of more than

**1.5 million people**

#### ENERGY

**219 billion**

BTUs of energy

#### ASSETS

Optimized asset use through improved process control and increased consistency in water quality

#### SAFETY

Automatic and pre-assembled process improved safety

### TOTAL COST SAVINGS

**\$1.5**  
**MILLION**  
ANNUALLY