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