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Improved building performance for Museums Victoria, Australia

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Museums Victoria is the largest public museum organization to adopt the Victorian Government’s Greener Government Building program (GGB). It spans six sites: Melbourne Museum, Immigration Museum, Scienceworks Museum, Royal Exhibition Building, Moreland Annexe and the Simcock Avenue storage facilities, each with a unique set of efficiency optimization requirements.

Siemens was chosen to undertake a detailed facility study of the museum’s entire real estate pool. The goal was to significantly reduce operating costs and emissions by implementing energy and water efficiency retrofits in government-owned buildings. Siemens’ improvement proposal offered the best outcomes for the customer in terms of maximizing project value and energy savings within the required seven-year simple payback period. HVAC, lighting and water efficiency improvement measures are being implemented over 15 months and financed with Energy Performance Contracting.

The projected 31.6 percent utility cost reduction will exceed the initial 20 percent target, water usage is down by 6 percent and emissions have been cut by 35 percent. Crucially, the upgrades will also reduce maintenance costs to achieve the payback target.
The Energy Performance Contracting for Museums Victoria marks another important success in the Victorian Government’s Greener Government Buildings (GGB) program. Since 2009, the program has invested $134 million to upgrade 389 government buildings.

A large investment that is expected to yield significant results, with estimated cost savings of $335 million and an annual greenhouse gas reduction of 134,000 tons.

Dr. Patrick Greene, CEO Museums Victoria
When building technology creates perfect places – that’s Ingenuity for life.


With our knowledge and technology, our products, our solutions and our services, we turn places into perfect places.

We create perfect places for their users’ needs – for every stage of life.

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