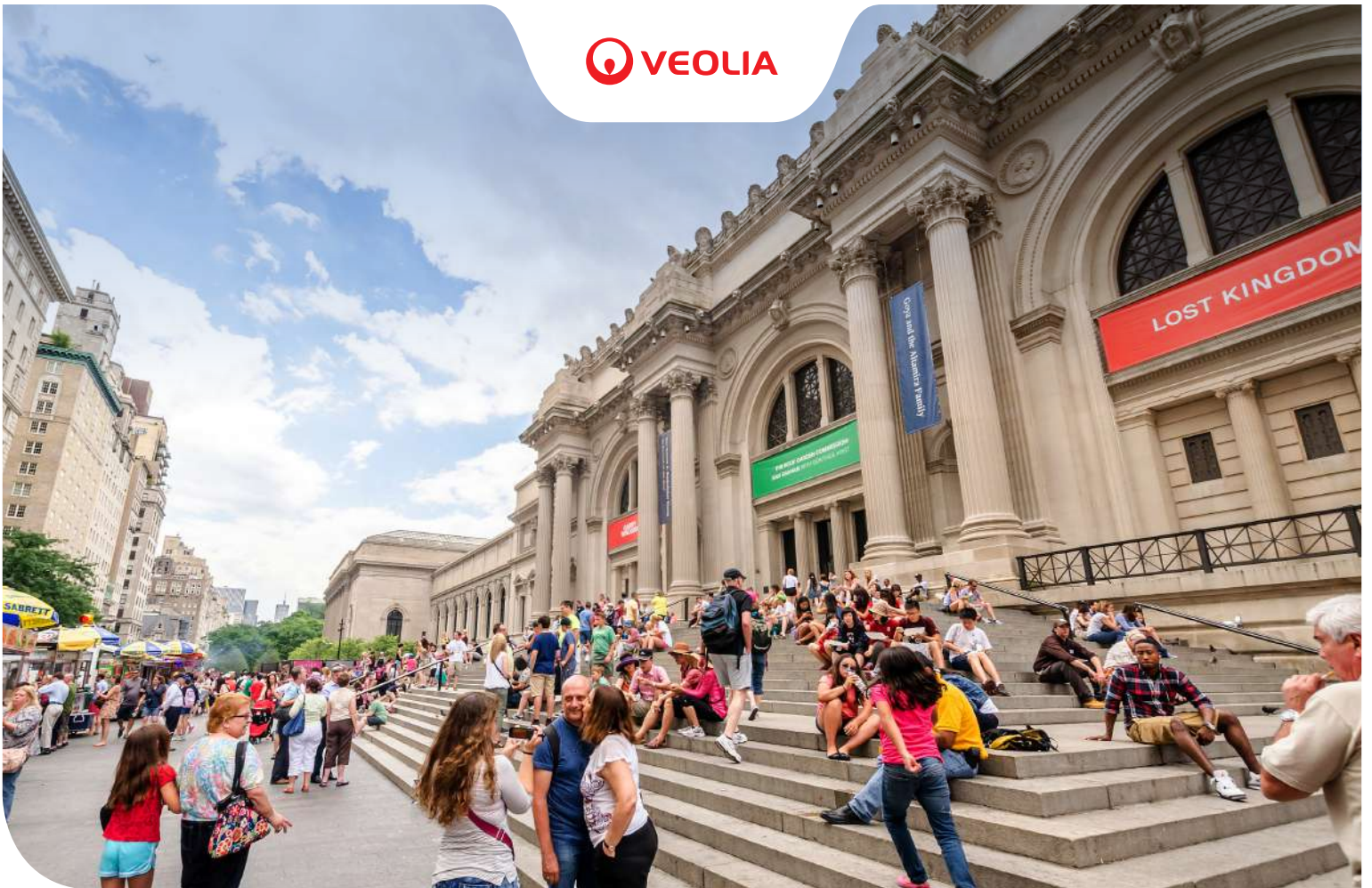
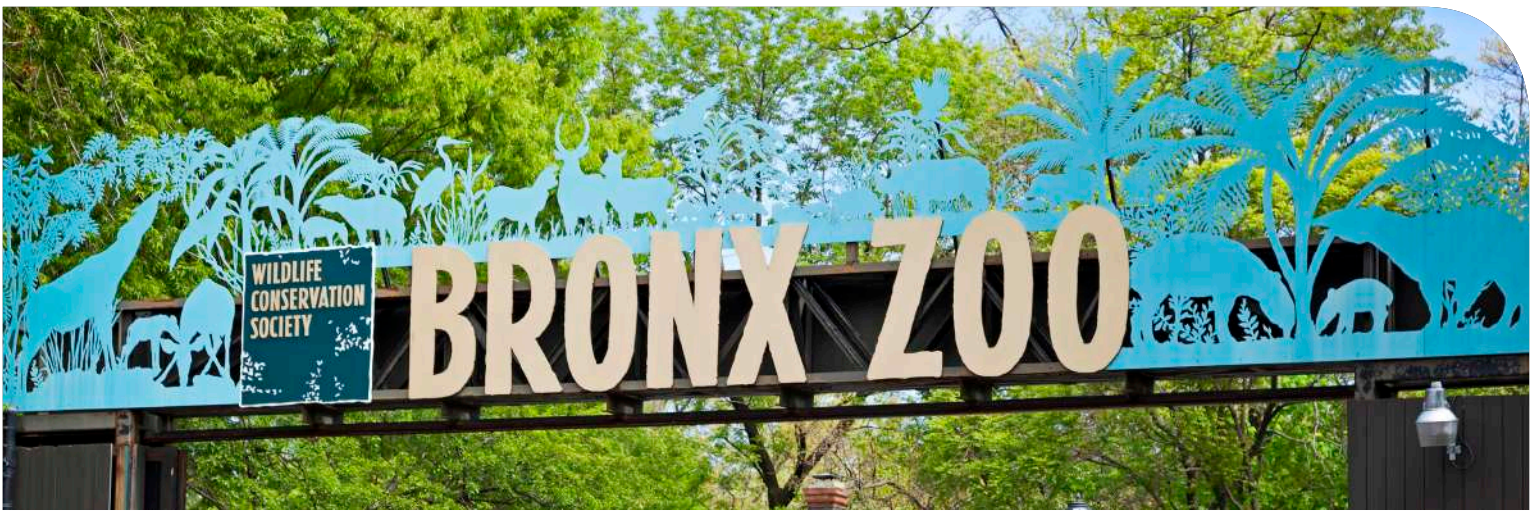


NEW YORK, NEW YORK

# Efficiency audits make buildings more sustainable at landmarks across New York





## NEW YORK, NEW YORK



### Contract Facts

**\$60 million**  
in energy conservation  
measures

**21**  
project sites

**\$6 million**  
in savings per year

### Scope

Veolia's energy consulting group, SourceOne, was selected to conduct energy-efficiency projects in select buildings across Greater New York City. Services included operational audits in NYC and Westchester County for small facilities and public institutions that are supported by one of 18 generating facilities and 1,400 circuit miles of transition lines.

### Challenge

New York State wanted "45 by 15" – that is, to decrease electricity use by 15 percent and increase renewable generation by 30 percent, both by 2015. Facilities contributing to that volume include highly populated landmarks such as The Metropolitan Museum of Art, NY Public Library and the Bronx Zoo.

In order to meet these goals, officials sought to examine these types of spaces and identify pragmatic ways of reducing energy output and avoiding hundreds of thousands of tons of greenhouse gases (GHG) per year.

### Solution

SourceOne identified more than 20 facilities that would benefit from a study of their infrastructure and conservation potential. To that end, the team issued and reviewed bids for numerous approaches to energy efficiency across the community. Steam repairs, chiller replacements, air-handler commissioning, metering improvements and more resourceful lighting were some of the most



notable recommendations. The group also called for the installation of cooling towers and steam distribution systems to control air temperature more effectively at sites like Grand Central Terminal.

### Result

These conservation programs made New York State not just a champion of clean energy, but a leader in savings to the taxpayer. It has since undertaken efficiency projects at more

than 3,900 facilities statewide, working with SourceOne to save citizens an average of \$6 million annually and avoid the equivalent of 2.5 million barrels of oil per year.