

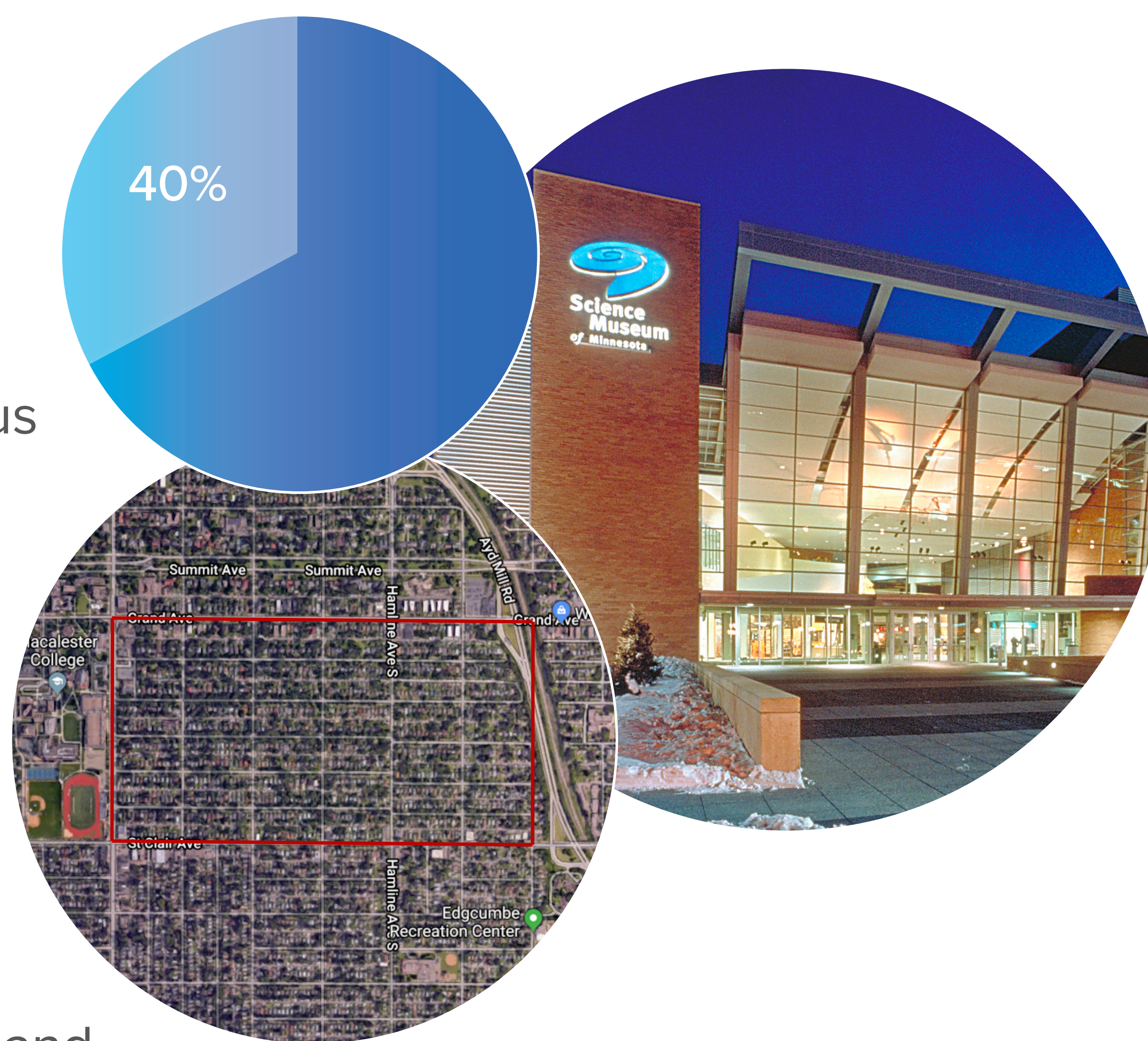
Science Museums and centers should champion energy innovation and climate change engagement

Buildings are responsible for 40 percent of all U.S. energy use and thus are major contributors to climate change.

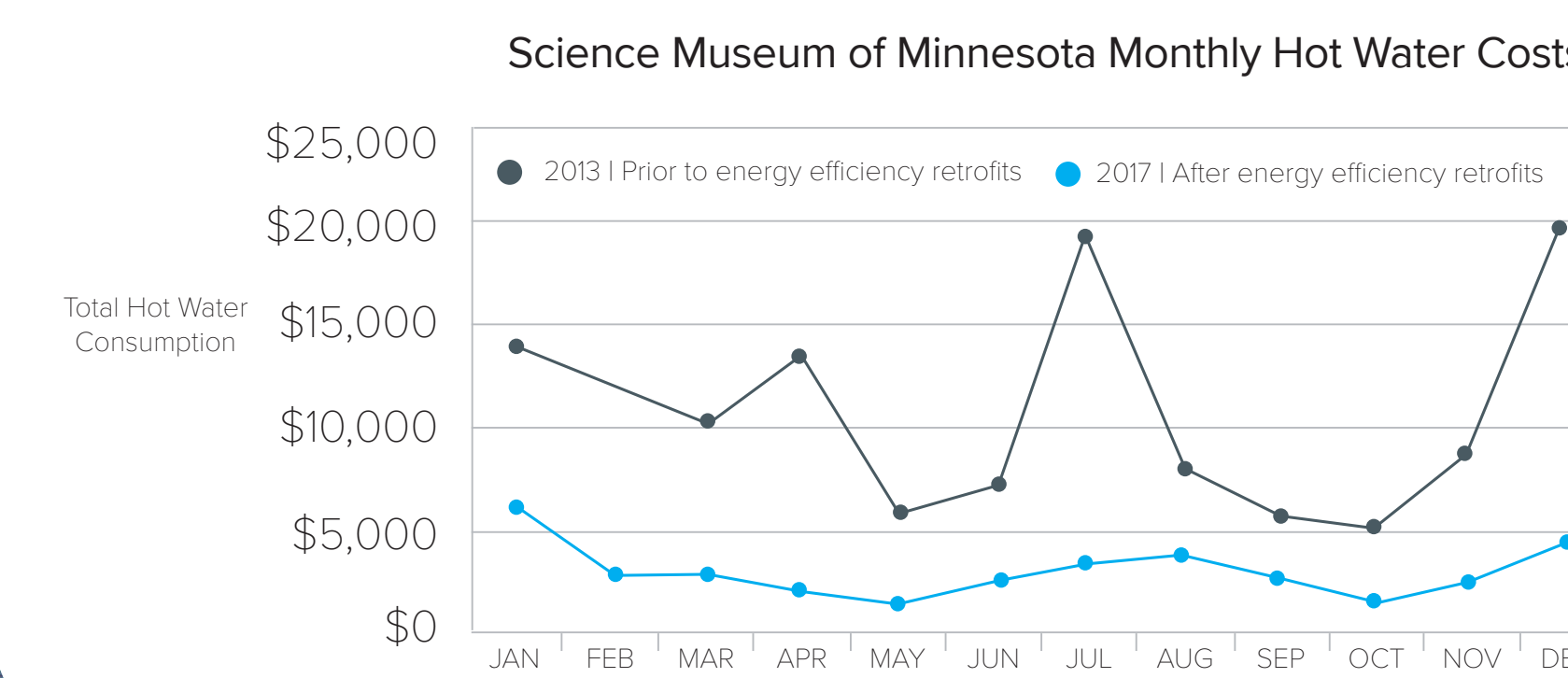
Science museums and centers often occupy large buildings that are big consumers of energy and thus disproportionate contributors to climate change.

In 2010, the Science Museum of Minnesota determined that its building used as much electricity annually as nearly 800 households in a 36-block area of Saint Paul.

The Museum then embarked on major initiatives to improve the energy performance of its building, expand its use of renewable energy and encourage similar efforts by other institutions.



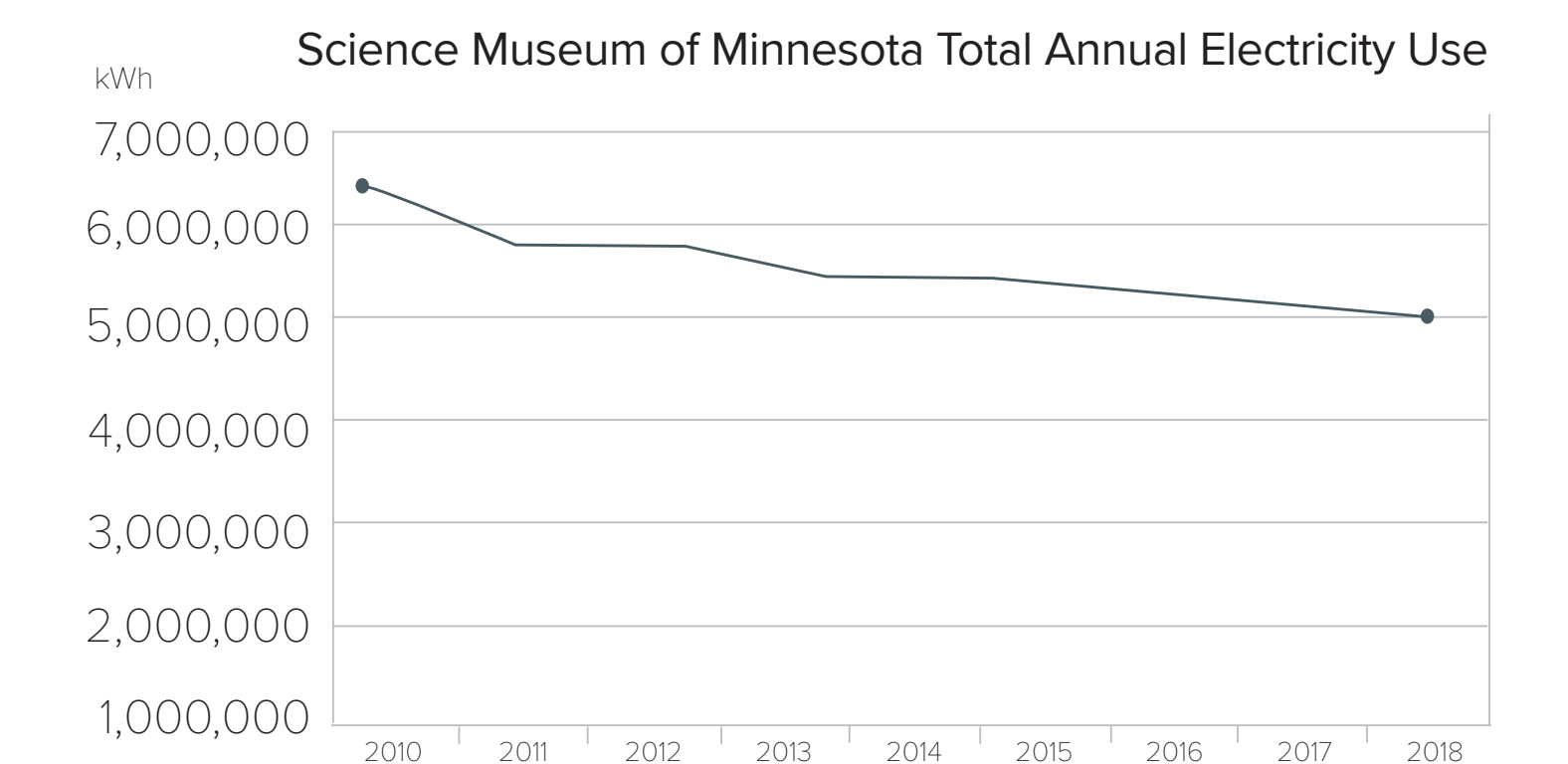
Specifically, the Science Museum has:



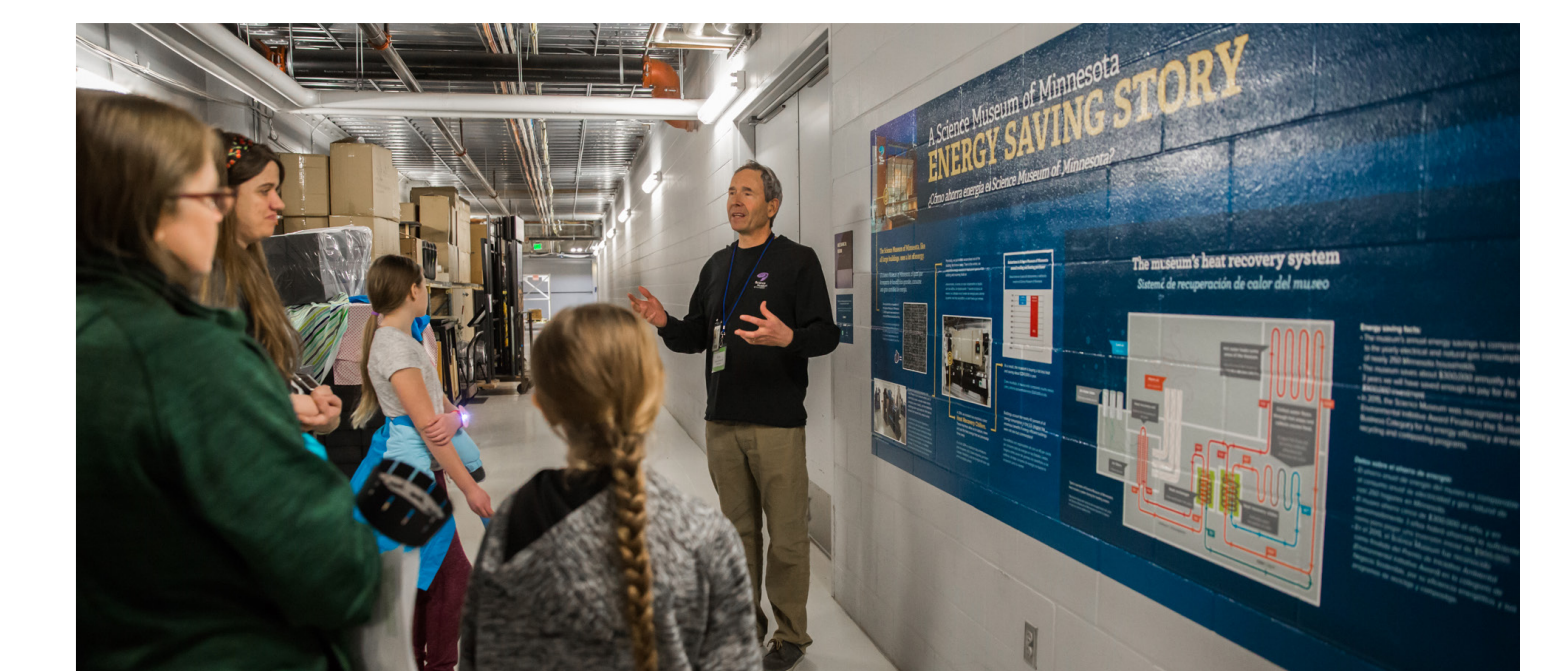
Installed equipment that enables it to capture and remove heat from locations within its building where it is in excess and then use this recovered energy to heat the rest of its facility, thereby reducing the Museum's purchases of hot water to heat its facility by up to 75 percent.



Subscribed to a community solar garden to offset 26 percent of the Museum's annual electricity consumption with photovoltaic energy.

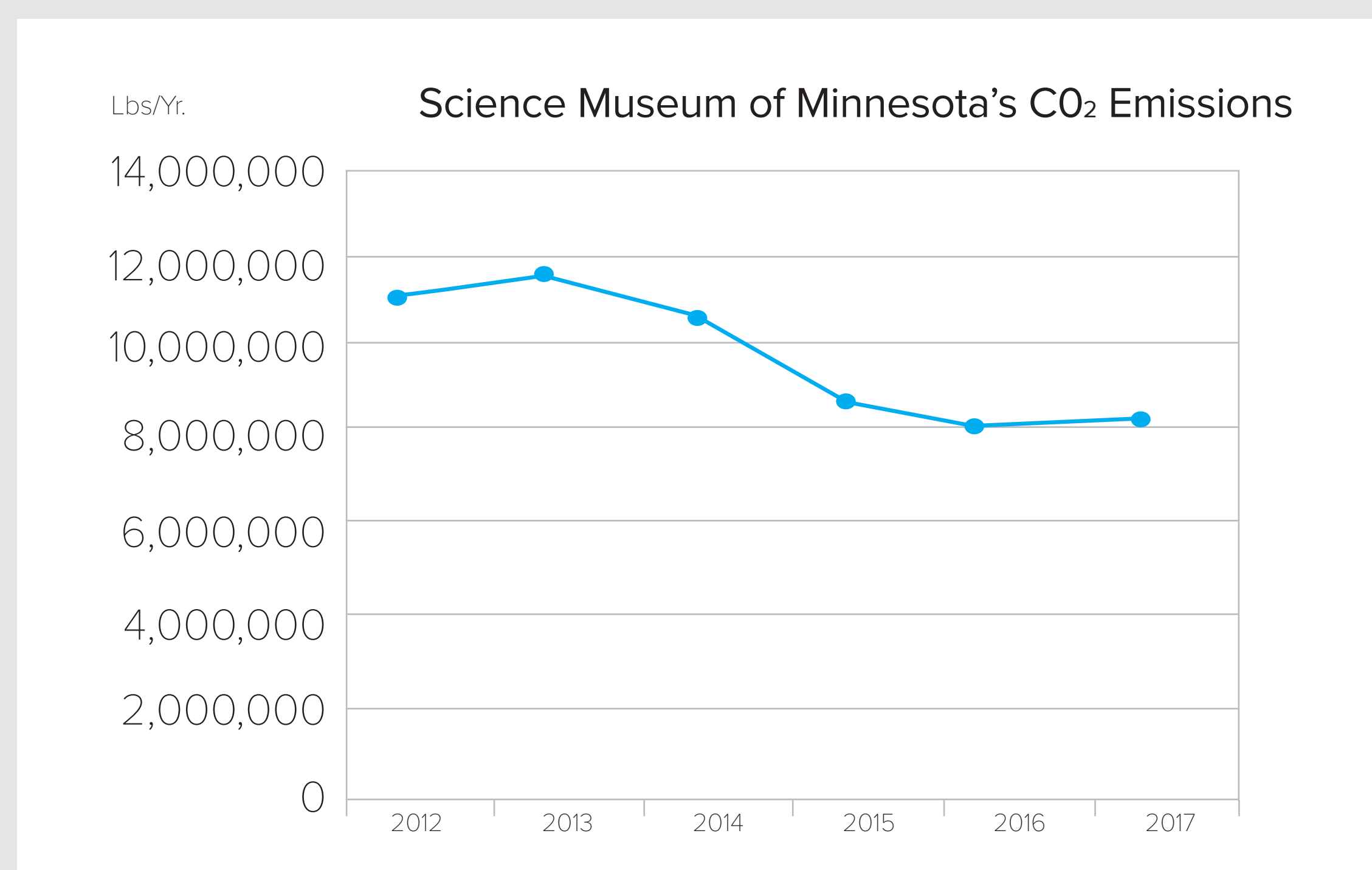


Installed high efficiency LED lighting and made numerous upgrades of its heating, ventilation, and air conditioning equipment, resulting in a decline in electrical consumption of 21 percent over the past seven years.

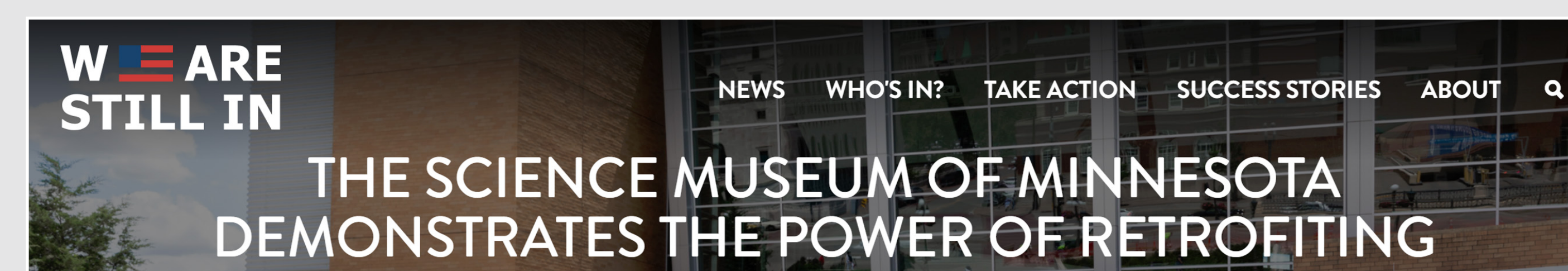


Conducted numerous behind-the-scenes tours of its advanced heat recovery energy efficiency project to encourage more widespread application of this technology.

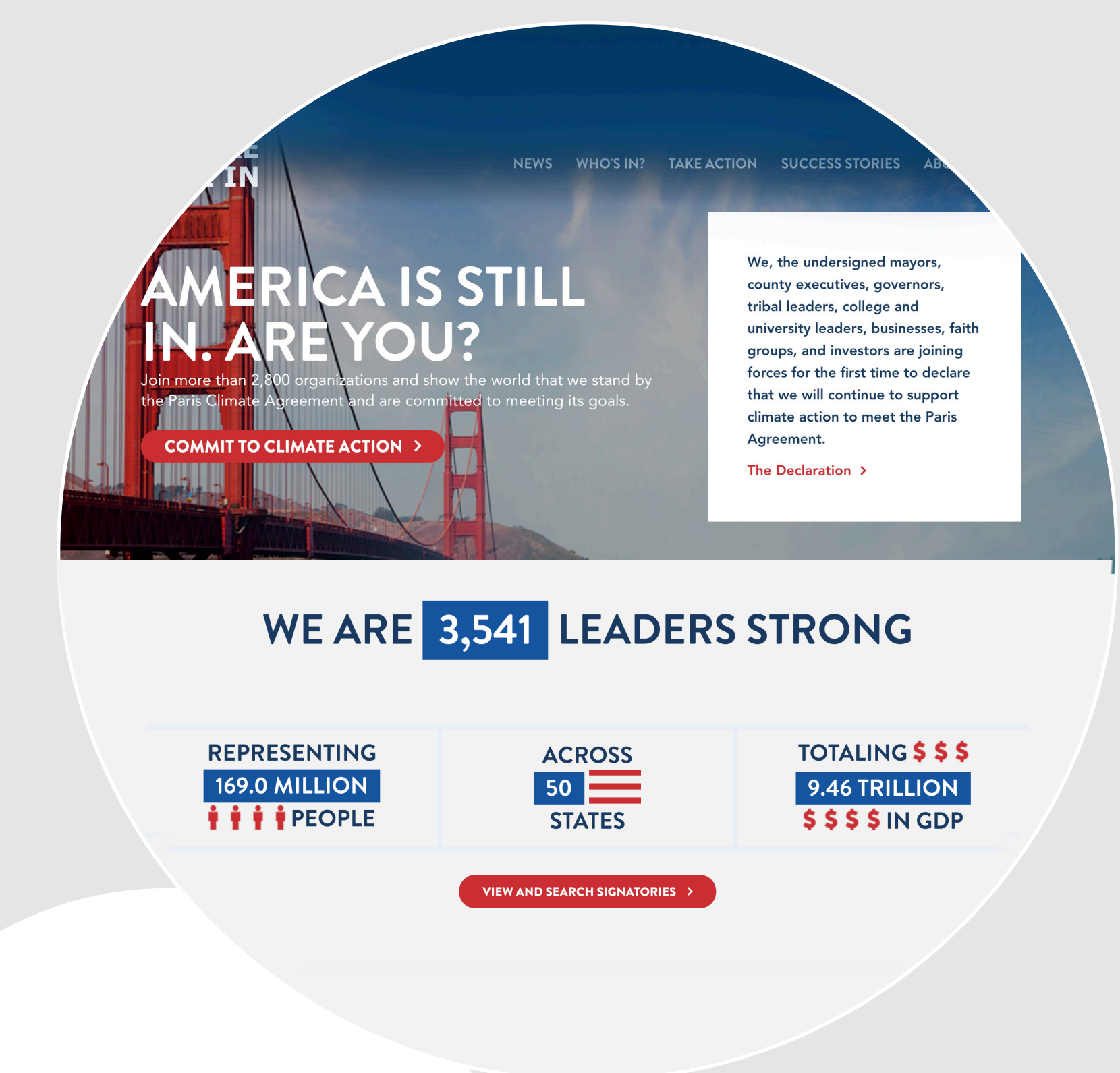
As a result the Science Museum's carbon dioxide emissions have dropped by nearly 4,000,000 lbs annually or by nearly one third.



But the Science Museum of Minnesota recognizes that individual effort is insufficient; that we need collective action to address climate change. That is why the Science joined **We Are Still In** in April 2018 as an inaugural member of its new cultural institutions category.



Science museums and centers are popular advocates for the power of science to inspire learning, improve lives, and inform policymakers. As a U.S. science museum, we've decided to take a leadership position in championing the clean energy economy that science dictates is essential for a secure climate future. Please join us.



WE ARE STILL IN

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