

Green Buildings Advisory Committee 2021 Annual Report

March 15th, 2022

GBAC 2021 Annual Report

- ▶ What is required by statute:
 - ▶ a public report of findings and recommended changes in policy.
 - ▶ A description of projects that were granted exceptions from the LEED, LEED for Neighborhood Development, and SITES certified standard, the reasons for exception, and the lesser green building standards imposed.

Report Outline

- ▶ **Letter from Director or GBAC Chair**
- ▶ **Section 1 - Overview**
 - ▶ Summary of the Green Buildings Act, the GBAC, and current GBAC membership
 - ▶ Policy Recommendations
 - ▶ Scope of proposed 2022 study
- ▶ **Section 2 - Compliance**
 - ▶ Public K-12 Schools
 - ▶ State Facilities
 - ▶ Municipal Facilities
- ▶ **Section 3 - Recommendations**
 - ▶ Data Sources and Constraints
- ▶ **Appendices**
 - ▶ Case Studies
 - ▶ Exceptions Granted
 - ▶ Data

Policy Recommendations

- ▶ “RIGL §37-24-5 requires that the Green Buildings Advisory Committee (GBAC) publish an annual report of findings that includes recommended changes in policy. In 2022, the GBAC will be completing a study to help strengthen the Green Buildings Act and the Green Buildings Advisory Committee. By completing a thorough study, the Green Buildings Advisory Committee will have data to support new policies in the future. This study will evaluate both new and previous policy recommendations including, but not limited to the following topics:
 - Identify best practices for implementing green building standards in other states. Best practices may be specific to public buildings or may extend to private buildings.
 - Assess awareness of the Green Buildings Act in Rhode Island.
 - Estimate the costs and benefits of the Act, including but not limited to upfront costs, operational savings, environmental impacts, economic development impacts, job impacts, and occupant impacts, as well as who incurs these costs and benefits.
 - Recommend ways in which we may amend the Green Buildings Act, including but not limited to application of the Act and green performance standards.”

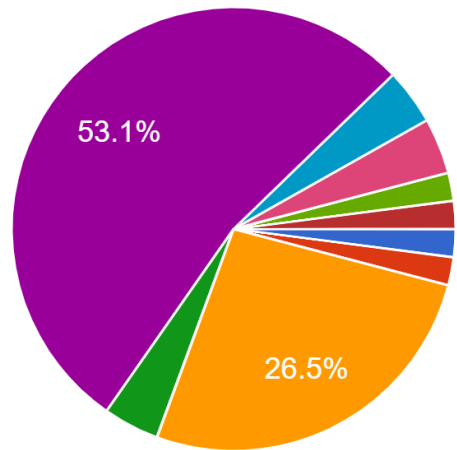
GBAC Annual Report Survey

- ▶ Created a survey on Google Forms
- ▶ Sent approximately 120 inquiries to public entities across the state
 - ▶ Schools, Municipalities, State, Colleges and Universities
- ▶ Received 49 responses
 - ▶ Approx. 40% response rate
- ▶ **All data is self-reported**

GBAC Survey Responses

Reporting Entity Type

49 responses

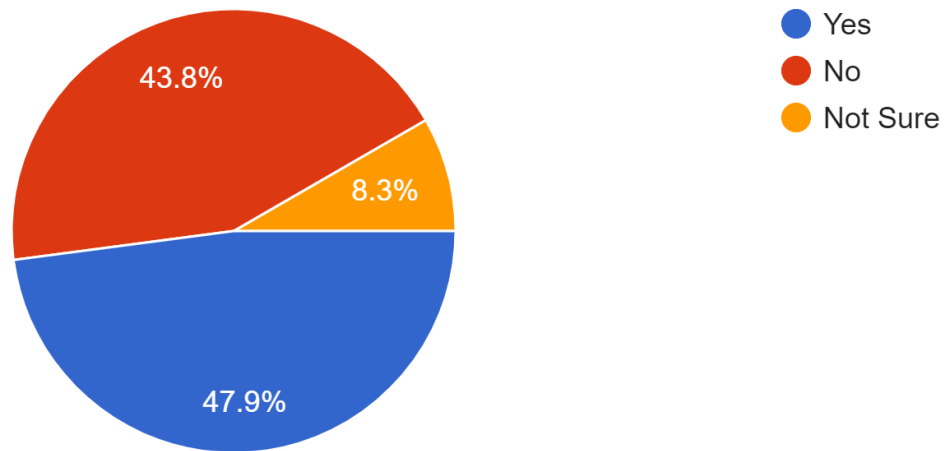


- State
- City
- Town
- College or University
- School District
- Charter School
- Ownership
- State School
- Charter High School

GBAC Survey Responses

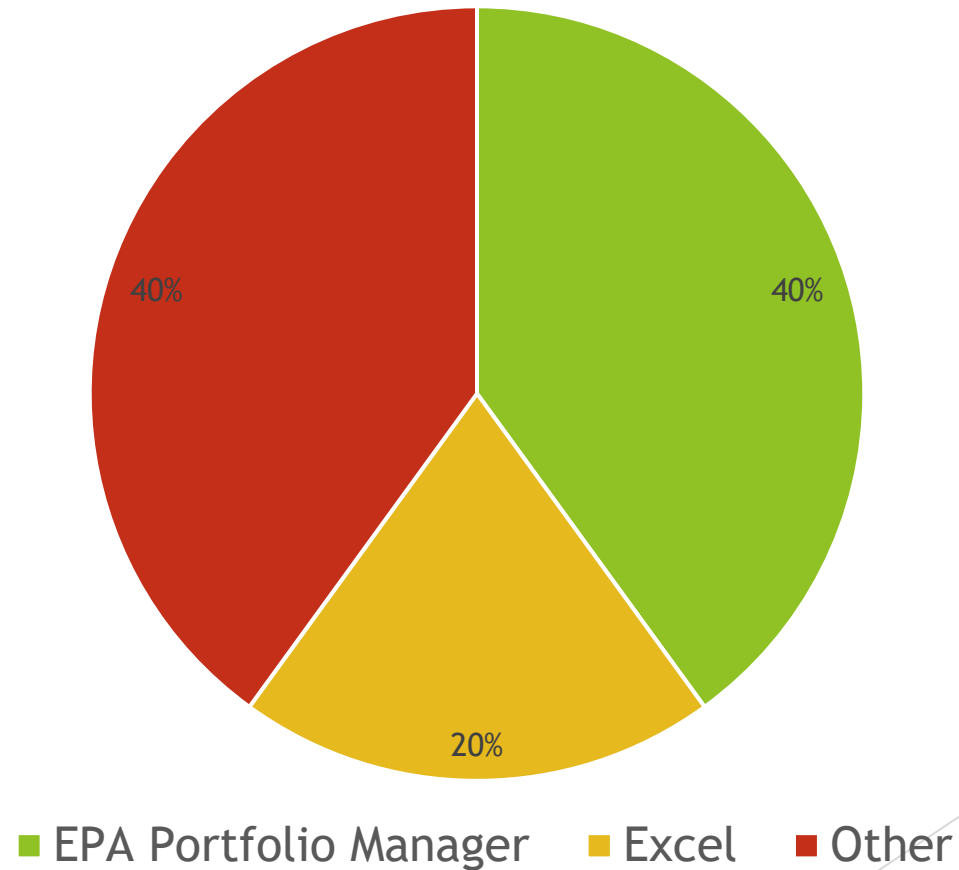
Does this jurisdiction or entity track energy use across buildings?

48 responses



GBAC Survey Responses

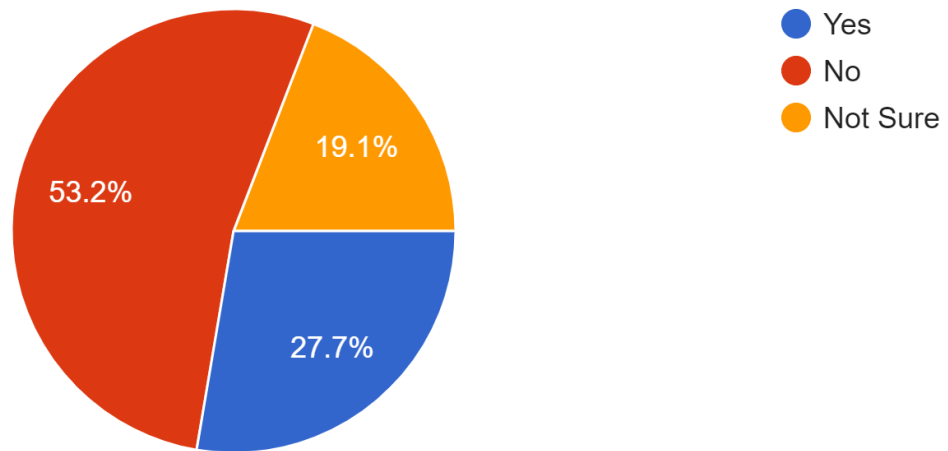
Platform for Energy Tracking



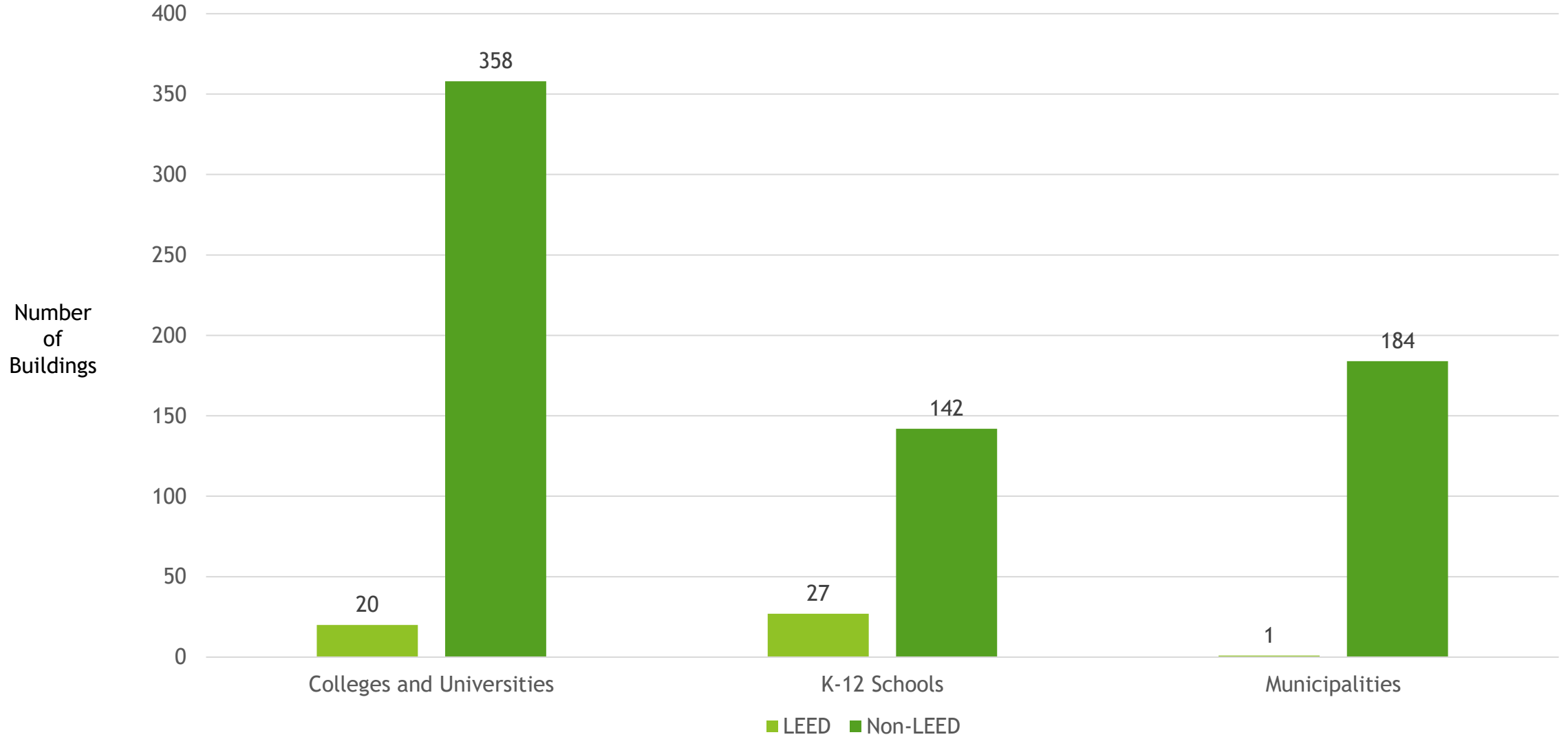
GBAC Survey Responses

Does this jurisdiction or entity have an energy management plan or climate strategy?

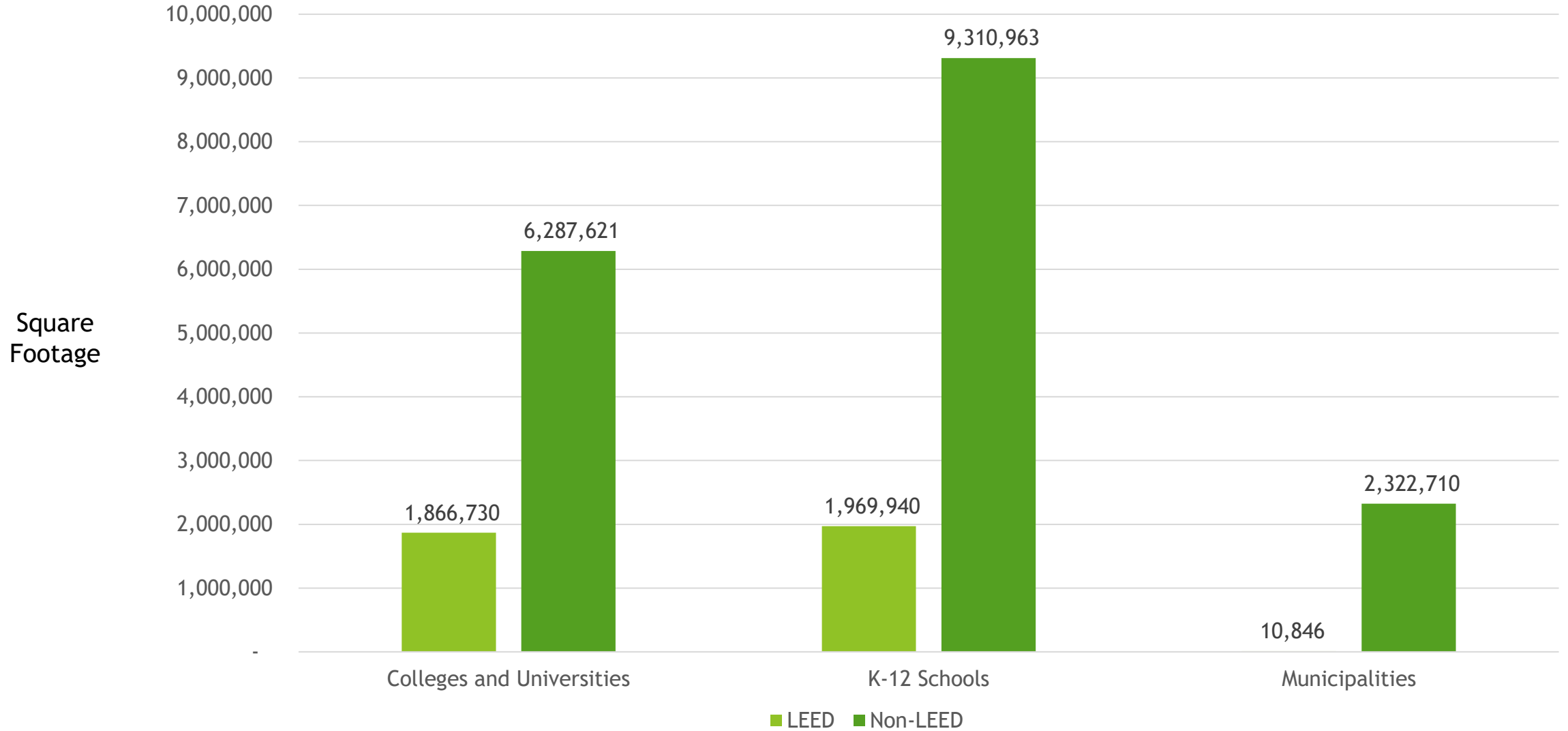
47 responses



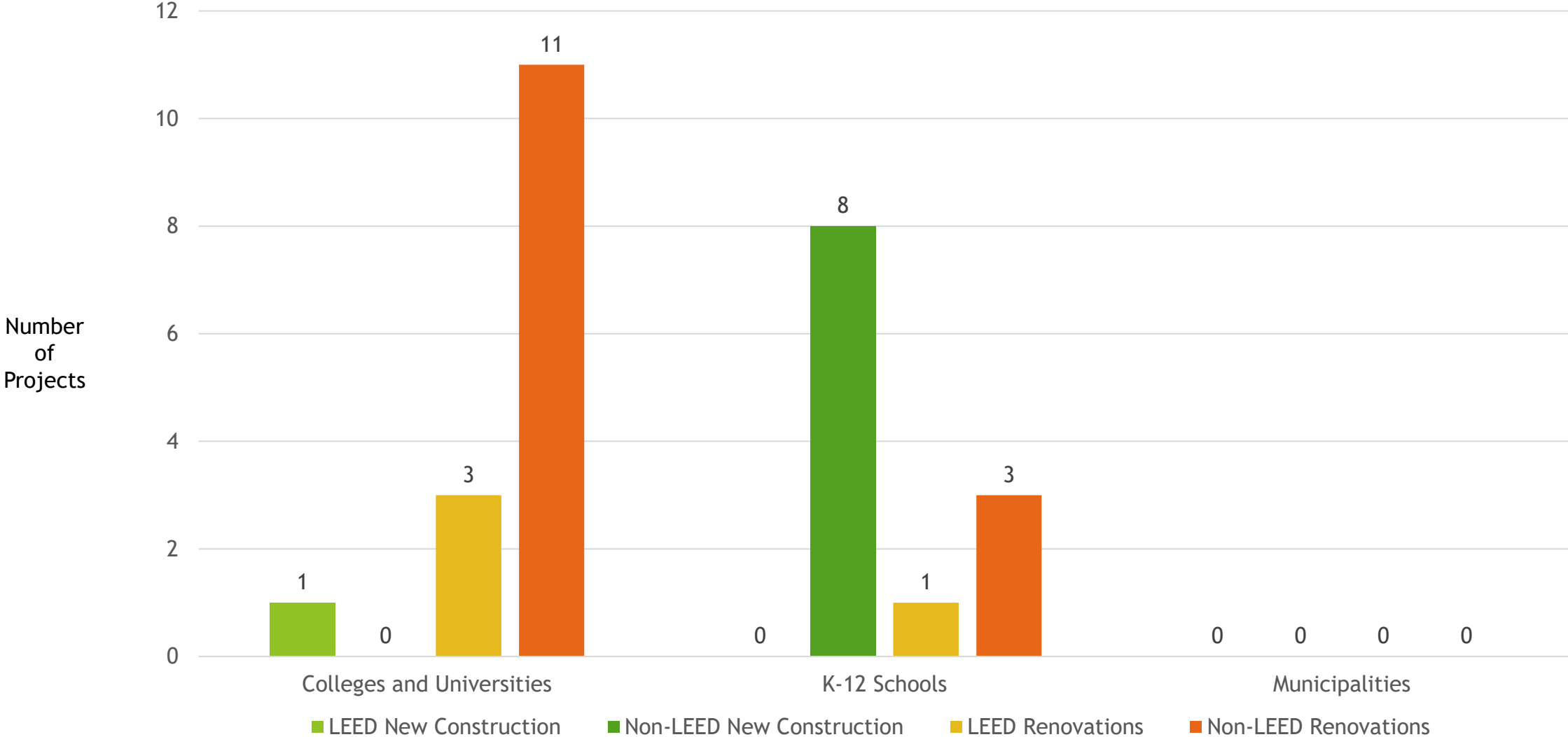
Existing Buildings



Existing Buildings



2021 New Construction and Renovations



What other data should be included?

The background features abstract, overlapping geometric shapes in various shades of green, ranging from light lime to dark forest green. The shapes are primarily triangles and polygons, creating a dynamic, layered effect. The overall composition is clean and modern, with the text positioned in the upper left quadrant.