



2030 DISTRICTS

Energy, Water, and Emissions Data Management and Progress Reporting

Client

Green Building Alliance and Pittsburgh2030

Size

500 Buildings

Summary

The Green Building Alliance in Pittsburgh uses Maalka to manage data validation, analysis and reporting for the Pittsburgh 2030 District. Maalka integrated the Architecture2030 ZeroTool and worked closely with the GBA team to develop a workflow for engaging building owners with insights related to energy, water, and carbon reduction.

Link: <http://www.2030districts.org/pittsburgh>

How it Works

The Green Building Alliance (GBA) collects energy, water, and emissions data for about 500 buildings on a rolling basis through Energy Star Portfolio Manager and custom surveys. GBA uploads the data onto Maalka which assesses the quality of program data and generates highly engaging building performance reports for building owners and program participants.



1. 2030 District manager uploads an exported file from Energy Star Portfolio Manager to Maalka with the most recent submissions.

2. 2030 District manager uploads any additional custom CSV files with information from transportation surveys, custom baselines, and other building information.



3. Maalka dynamically assesses the quality of submitted data to guide to guide District Managers in the identification of invalid or missing data.



4. A baseline energy score is generated for each building using the Architecture2030 ZeroTool API against which progress is measured.



5. A beautifully designed report is generated for each building that displays trends in energy, water, and carbon management over time relative to 2030 District goals.



Highlights

- 2030 District Themed Progress Reports
- Energy Star Portfolio Manager Based
- Energy, Water, Emissions Trends Tracking
- Architecture2030 ZeroTool Integration
- Custom Data Support (Transportation, Emissions, Surveys, etc.)