



LIFE CYCLE TOOL

Building Systems and Energy Efficiency Measures Tracking

Client

Energy Solutions Inc. and Richmond, CA

Size

150 Buildings

Summary

The Life Cycle tool was developed to enable cities to collect standardized data about what types of systems (e.g. HVAC, Lighting, Fenestration) are in their buildings and to track what types of Energy Efficiency measures have been implemented across a portfolio.

Link: <https://lifecycle.maalka.com/#!/>

How it Works

The tool guides users in the collection of data related to 6 primary building systems and 20 different types of Energy Efficiency measures as defined by the Department of Energy's BuildingSync schema. Program managers can track the collection of this data centrally and visualize the types of measures being proposed, implemented, and evaluated over time.



1. Program manager assigns teams to each building across a portfolio.

2. Building teams collect and report information about building systems using the Life Cycle tool.



3. Program manager tracks as new data is added to buildings.



4. Teams collect and report information about what types of Energy Efficiency measures are being implemented across the portfolio.



5. Interactive timelines and dashboards allow users to understand details about the systems and measures in their buildings.



Highlights

- Department of Energy BuildingSync Compatible
- CSV Import/Export
- EE Measures Timeline
- Based on Open Source Life Cycle Tool