



**Better  
Buildings<sup>®</sup>**  
U.S. DEPARTMENT OF ENERGY

# Data Surge App Developer Showcase

Better Buildings Summit

Tuesday, May 10, 2016

2:00-3:15 PM

# What is the SEED Platform?

The SEED Platform is designed to help organizations manage and share large datasets about building performance: state and local governments implementing building benchmarking regulations, building managers, energy efficiency program managers, and more.

- SEED users can easily compile all information on the building stock in one place, match up and reconcile information from different sources, and determine compliance.
- The open source and extensible platform can support apps and connect to websites and other software, such as CRM systems and public real estate listings.

# The Standard Energy Efficiency Data Platform

The screenshot displays the SEED Platform interface. On the left is a sidebar with navigation options: ROBIN LBL 1, Log Out, PROJECTS (0), BUILDINGS (0), DATA (0), ORGANIZATIONS (1), CONTACT, and ABOUT. The main content area features a 'Getting Started' banner with the text: 'The DOE developed the Standard Energy Efficiency Data (SEED) Platform™ as a free software tool that provides a standardized format for collecting, storing and analyzing building energy performance information about large portfolios. Upload your buildings list to get started.' Below the banner are buttons for 'Upload your buildings list' and 'Getting Started'. To the right of the banner is the SEED PLATFORM logo.

The 'Hotel Compliance (31 Buildings)' section is active, showing a table of building data. A 'Project Actions' dropdown menu is open, listing options: 'Remove buildings from project', 'Move/copy buildings to another project', 'Add a label:' (with a red button for 'No or Low ENERGY STAR Score'), 'Remove labels', 'Manage labels', and 'Export Buildings'. The table columns include 'ENERGY STAR SCORE' (with Min/Max sub-columns), 'PM PROPERTY ID' (with Pm Property Id sub-column), and 'PREMISES GROSS FLOOR AREA' (with Min/Max sub-columns). The table contains 10 rows of data, including addresses like 'Guava Road', 'Adams Street', and '47081 SW Aspen Lane'.

Below the main content area, there is a 'Highlight' section with an 'Upload your data' button and a 'Download Sample Data' button. The 'Upload your data' section includes instructions: 'Get started using SEED Platform™ by uploading your buildings list (city tax assessor data) and then your EPA Portfolio Manager data. Make sure these files are each in .csv, .xls, .xlsx, or .xml format. The SEED Platform will help you map and validate your data in the process of loading.'

# How does the SEED Platform work?

- The SEED platform enables users to **import data from multiple sources** about a group of buildings, and **conduct cleansing, analysis and reporting** of the information
- SEED is distributed as a “blank” database; each user has their own private copy
- SEED uses a standard data format – Building Energy Data Exchange Specification (BEDES)
- The owner of each SEED instance can choose which external parties can access their information, and what records and fields to share



# Developers

- Maalka
- Performance Systems Development
- Carnegie Mellon University

# Judging Criteria

- Definition of the Problem
- Uniqueness of the Solution
- User Interface/Accessibility
- Potential Impact

# Voting

[bit.ly/myappvote](https://bit.ly/myappvote)

# Thank You!

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