





Metrics in AiM: From the Beginning

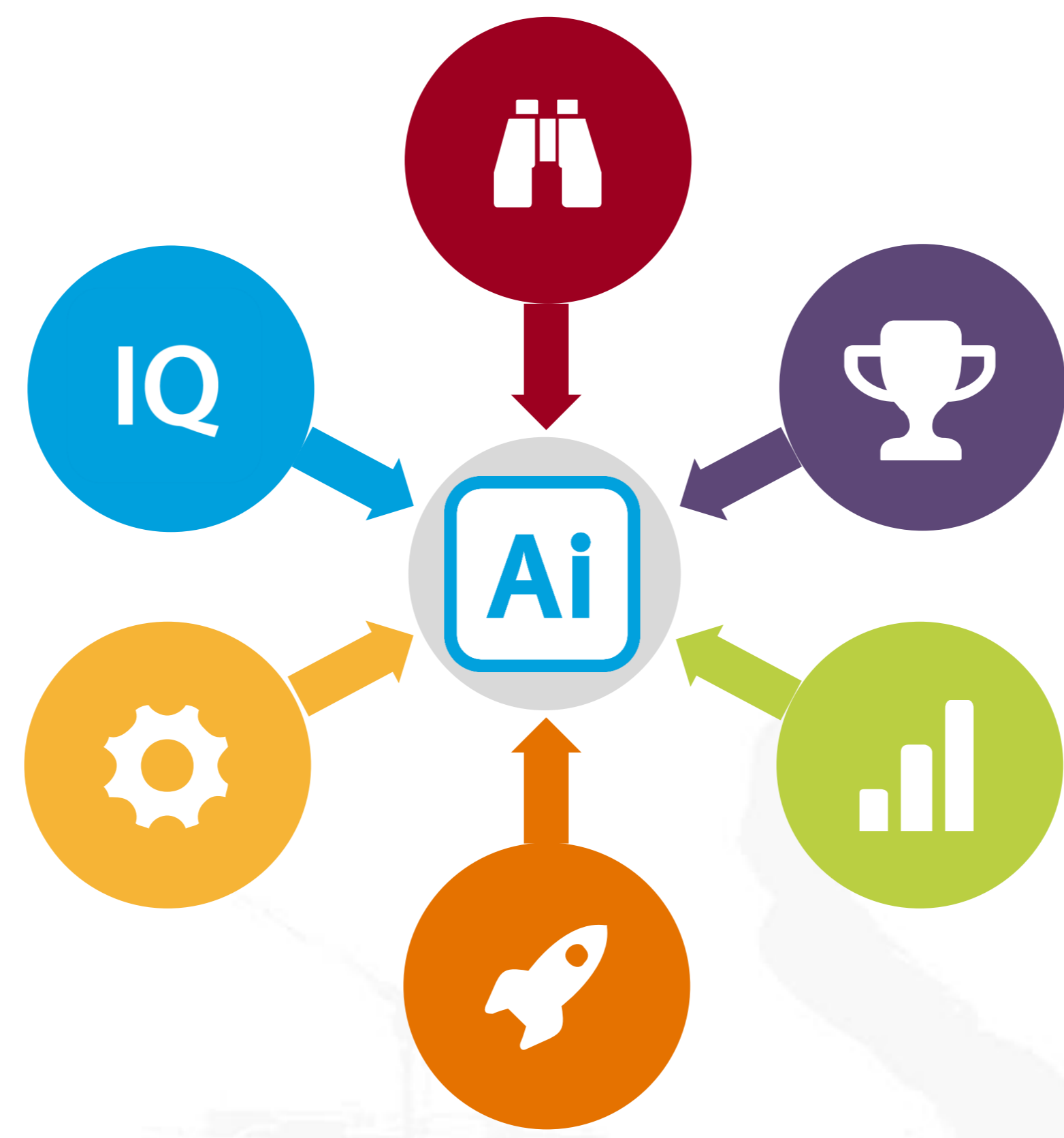
Lee Harding, Product Manager – Metrics that Matter



Where are we going?

<Write Your Great Subtitle Here>

-  **VISION**
-  **DESIGN PRINCIPLES**
-  **CAB METRICS**
-  **DESIGN**
-  **REST API**
- 



“ The MtM goal is:
Meaningful,
persona-based
metrics across all
IWMS pillars, out-
of-box in **AiM.**”

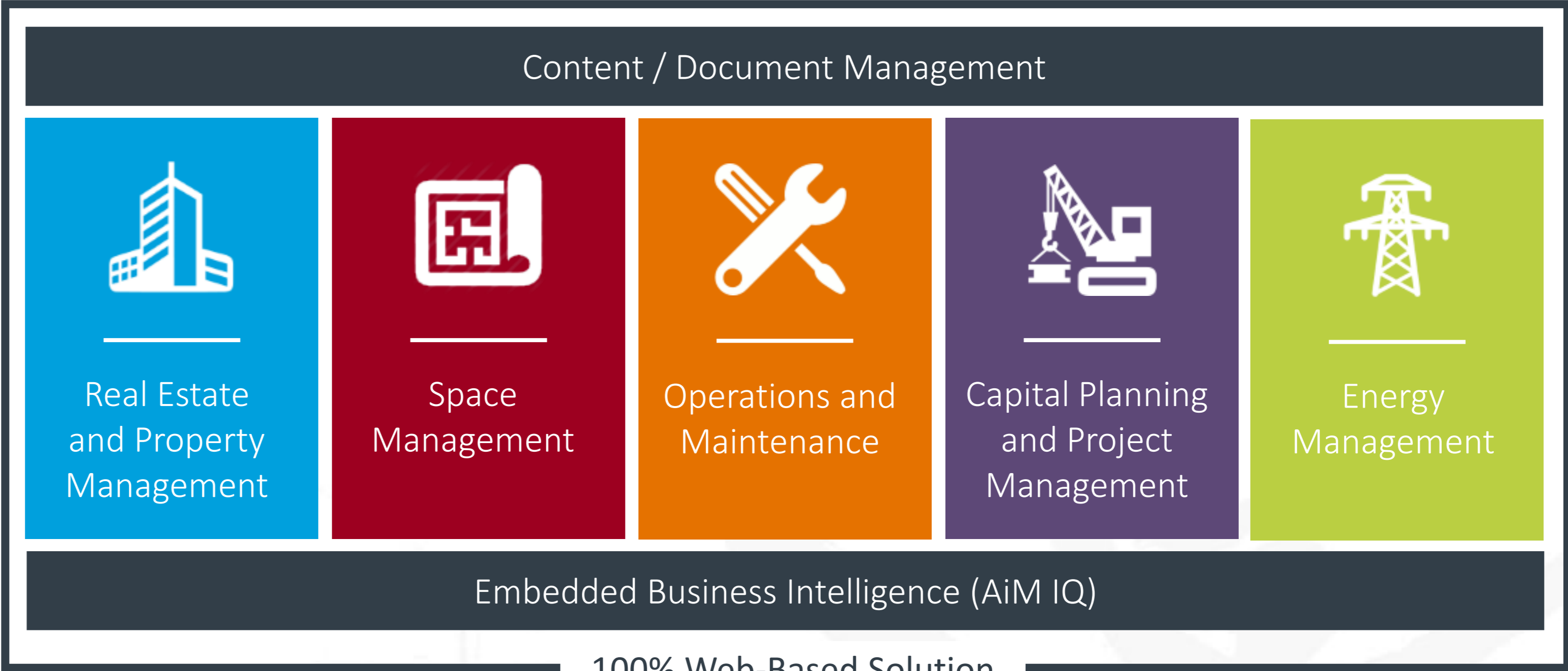
The AiM Integrated Workplace Management System

5 Key Components (i.e., “Pillars”) of an IWMS



AiM

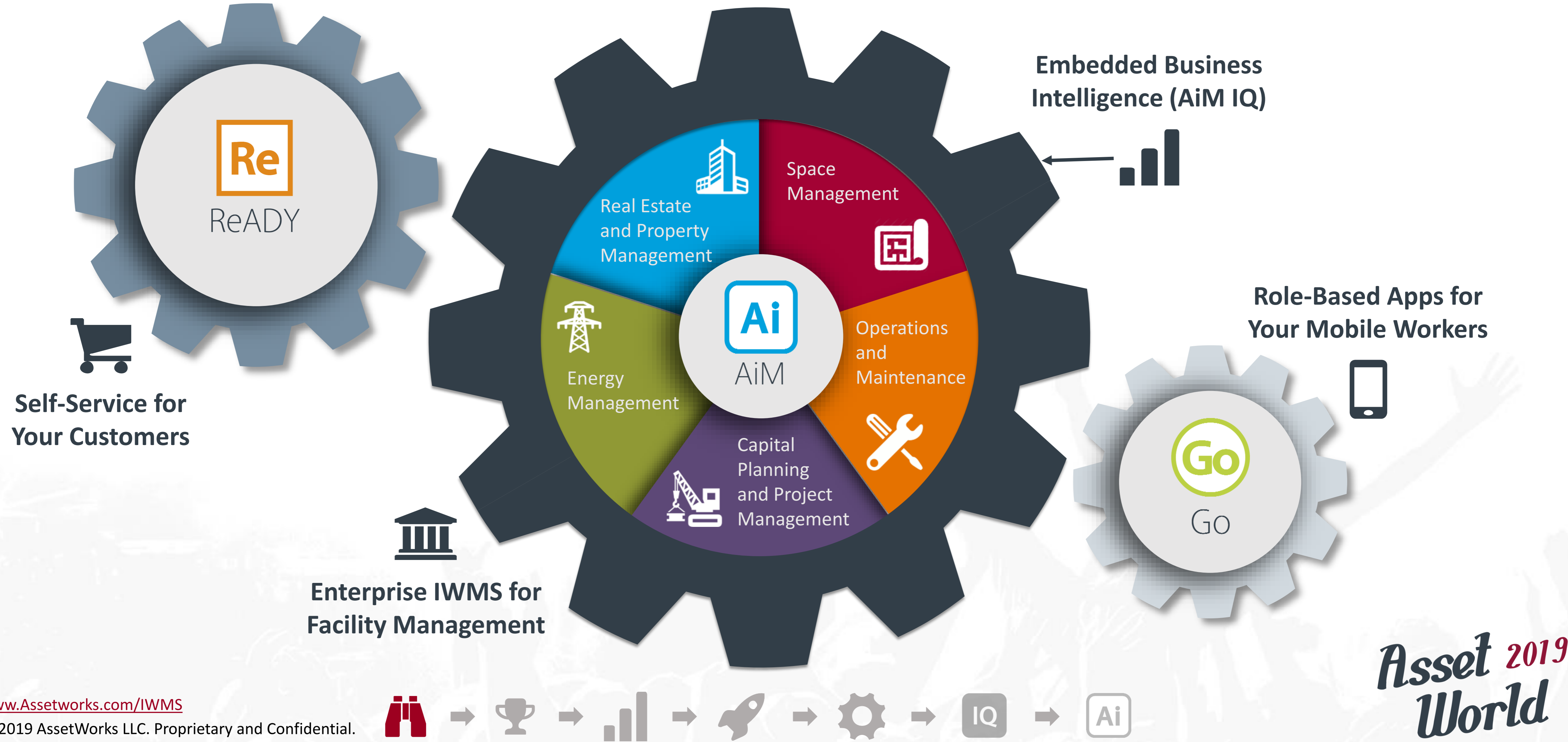
Enterprise IWMS



100% Web-Based Solution

The AiM Integrated Workplace Management System

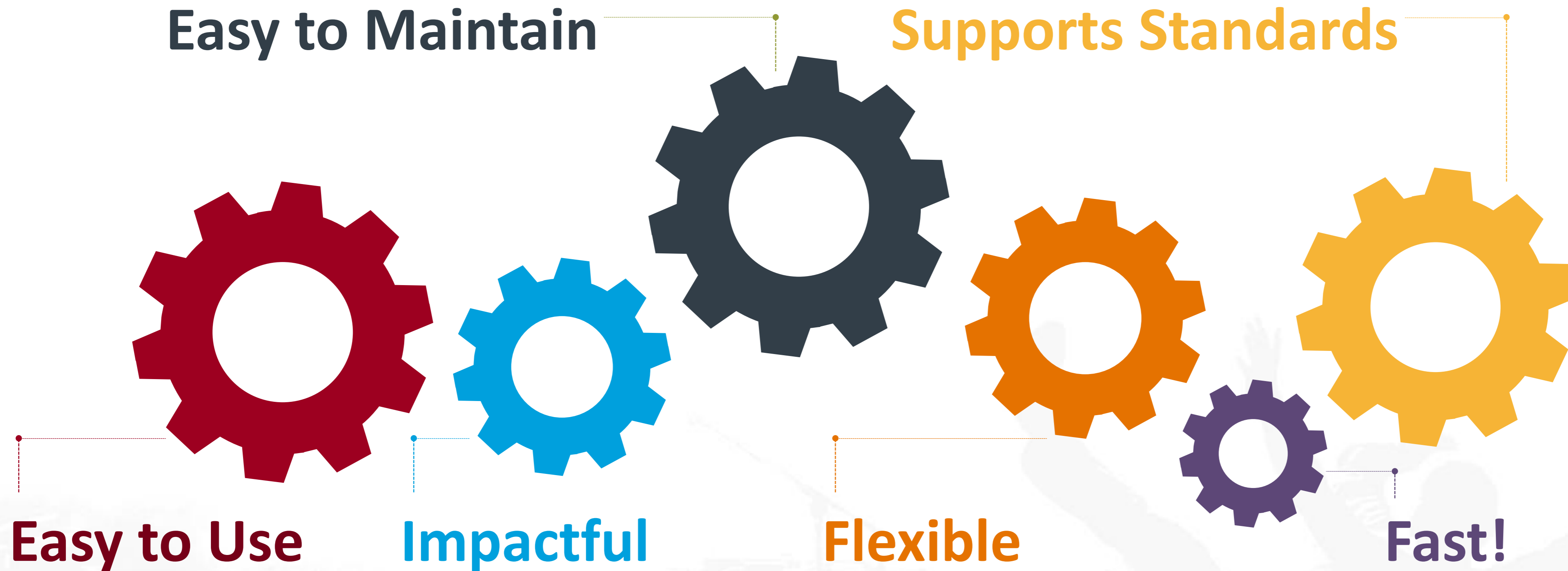
The complete end-to-end facilities management solution for the public sector

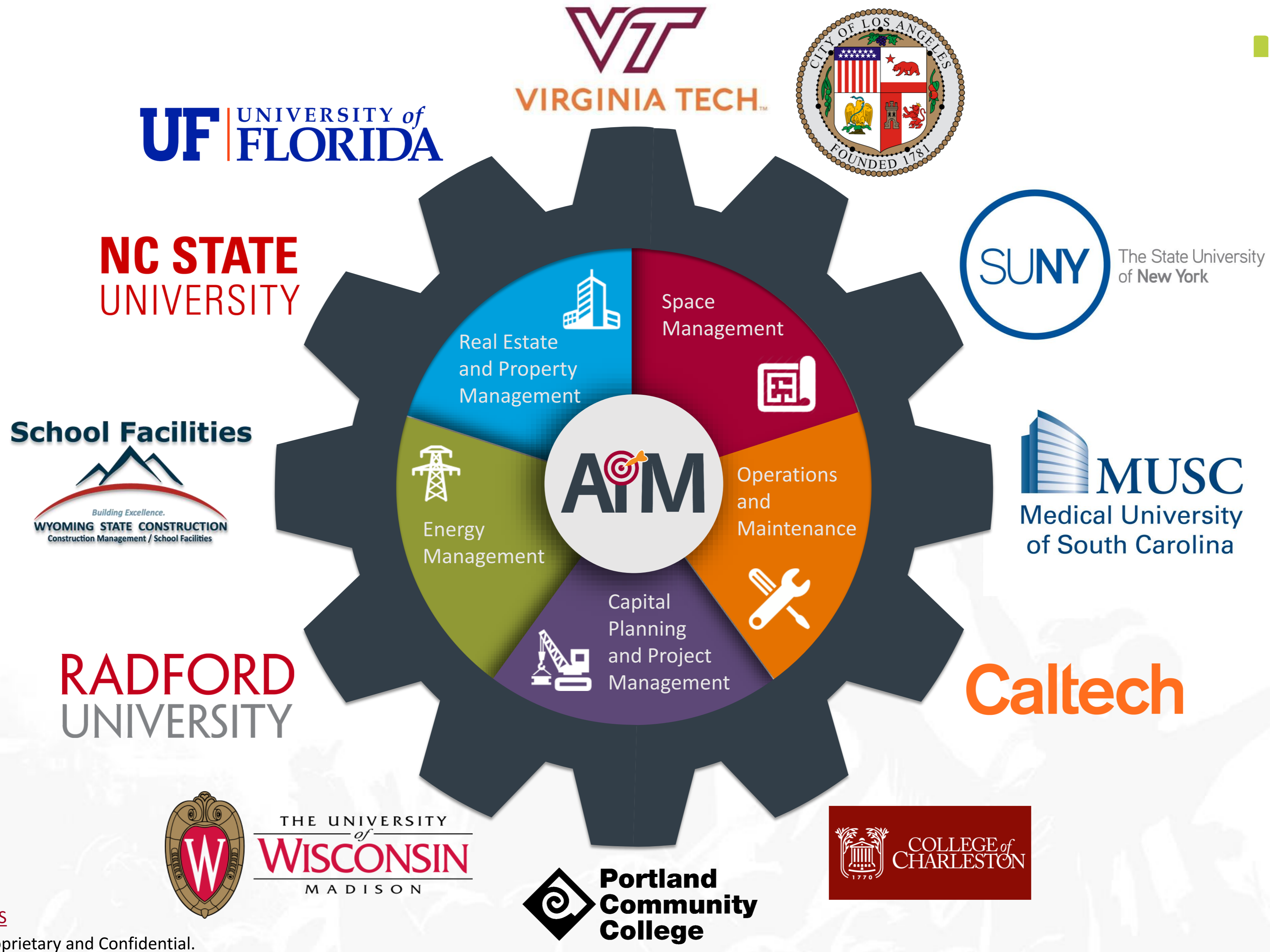




A Metric Design for AiM

Focused on the you, and a tool for your team.





60 Metrics

The MtM CAB delivered.



Real Estate
and Property
Management

- 8 REPM
- 8 Asset



Space
Management

- 5 Space



Operations and
Maintenance

- 23 WM
- 4 PM



Capital Planning
and Project
Management

- 9 CPPM



Energy
Management

- 3 Energy

Metric: Total Cost per Square Foot

Standalone and Drilldown.



Figure 1. Configurable Chip metric.



Figure 2. Drilldown sequence.

Configuration Panel

O&M Cost per Square Foot

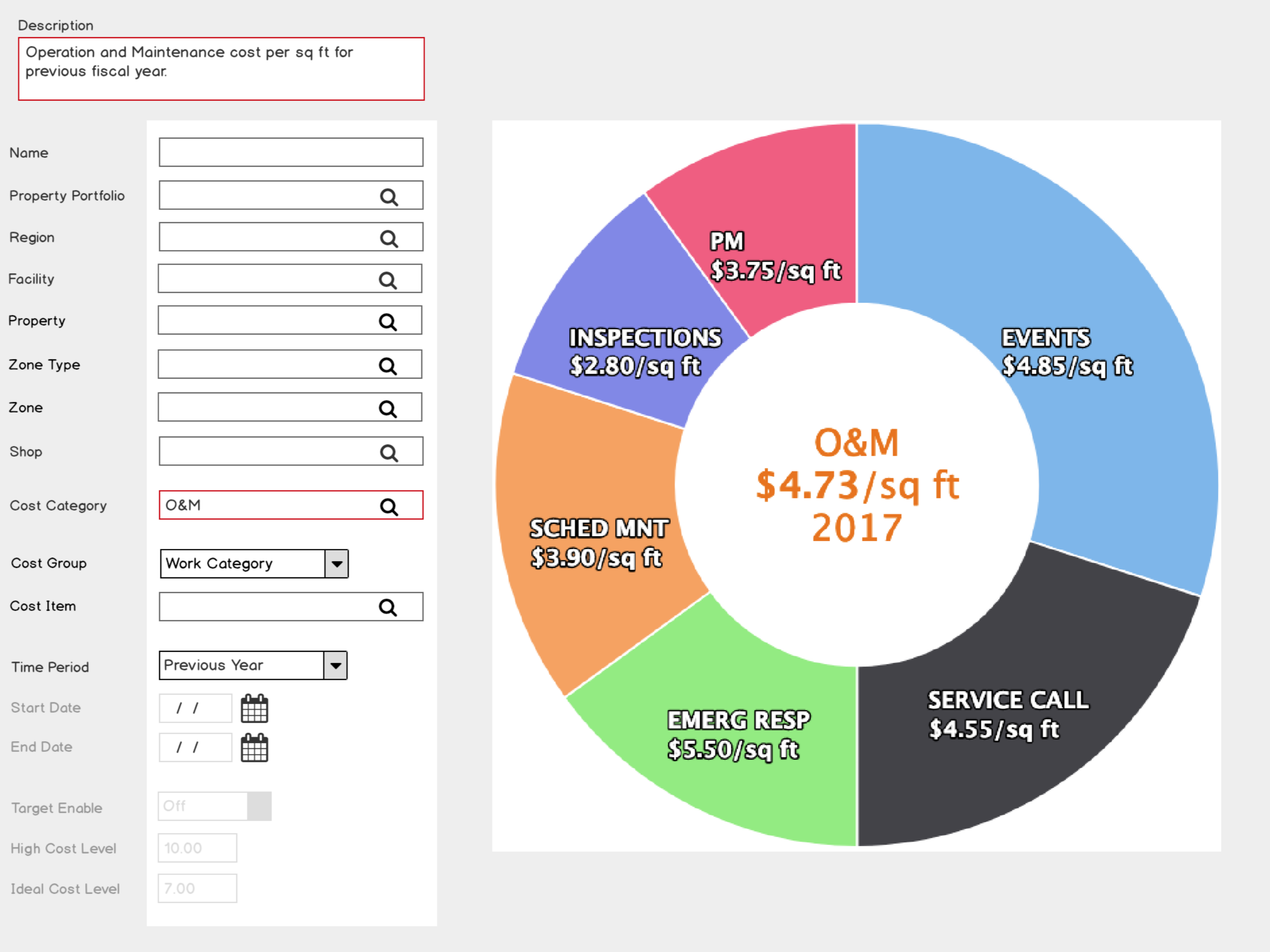


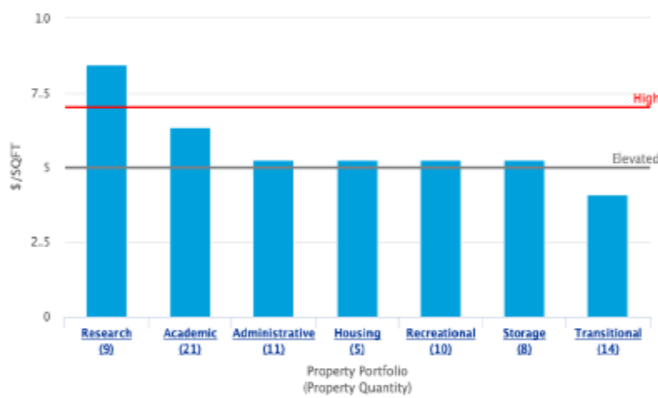
Figure 3. Configuration Panel (example: O&M Cost Category).

Total Cost per SQFT (Mockup)

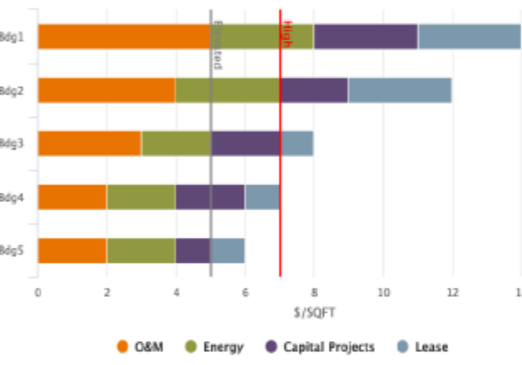
Chip metric



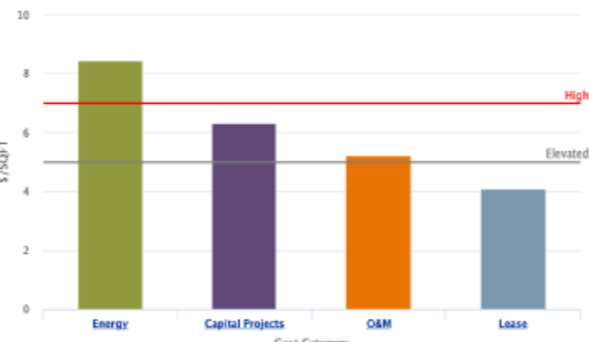
Total Cost per SQ FT by Property Portfolio



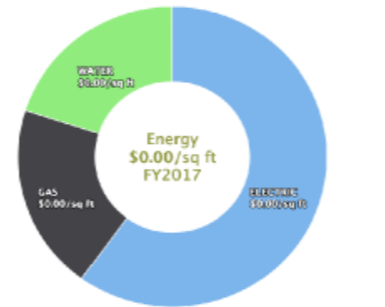
Total Cost per SQ FT by Property



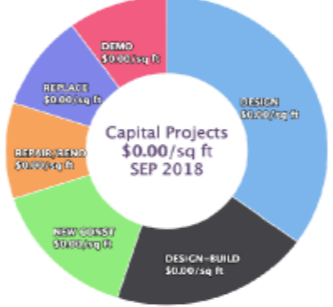
Cost per SQ FT by Cost Category



Energy Cost Breakdown



CP Cost Breakdown



O&M Cost Breakdown



Lease Cost Breakdown

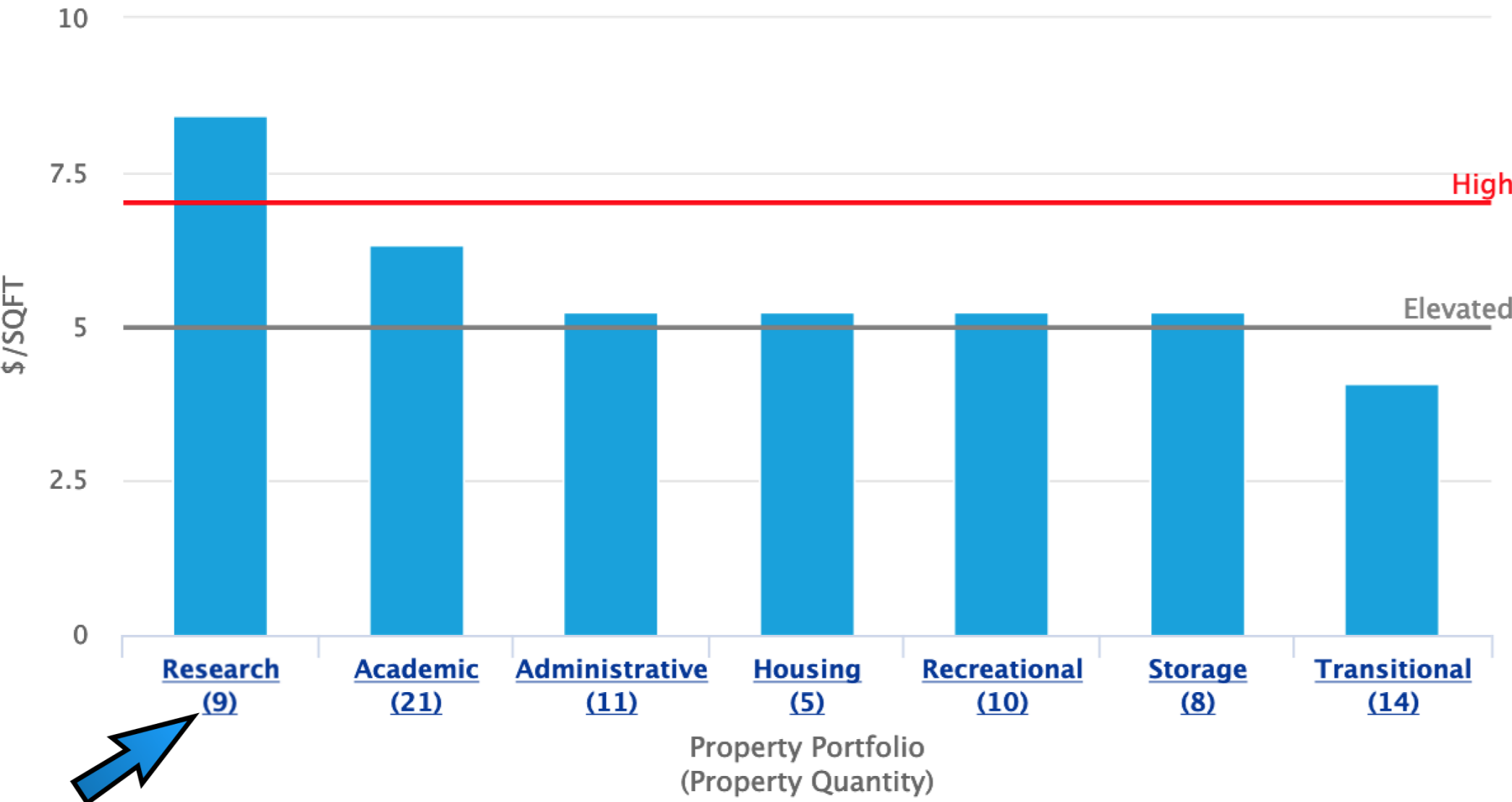


Total Cost Per SQFT

Property Portfolio

[Top](#) > Total Cost by Property Portfolio

Total Cost Per Square Foot FY2018

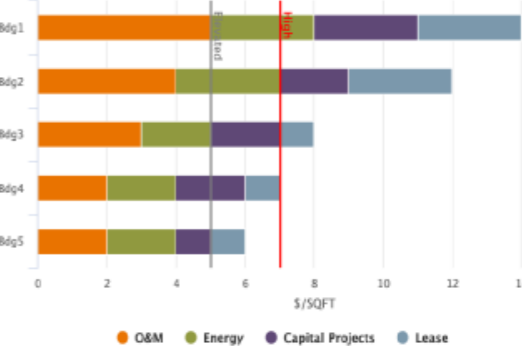


Total Cost per SQ FT Chip

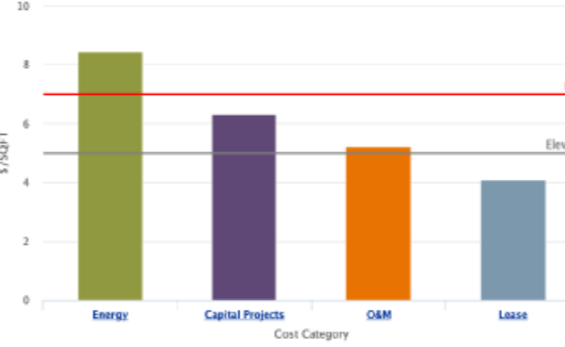
Facility Total
\$4.65/sqft
FY2018
IDEAL COST



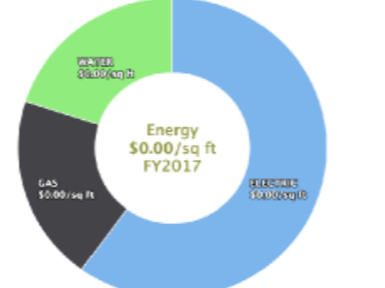
Total Cost per SQ FT by Property



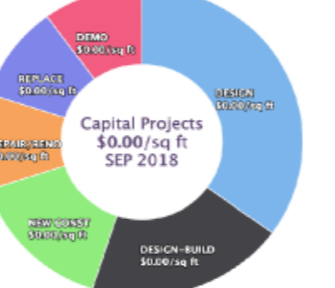
Cost per SQ FT by Cost Category



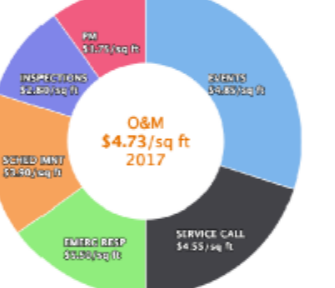
Energy Cost Breakdown



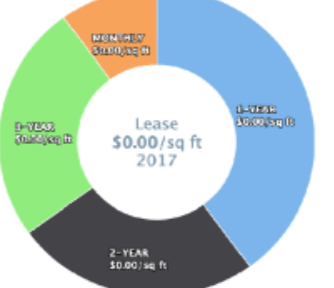
CP Cost Breakdown



O&M Cost Breakdown



Lease Cost Breakdown

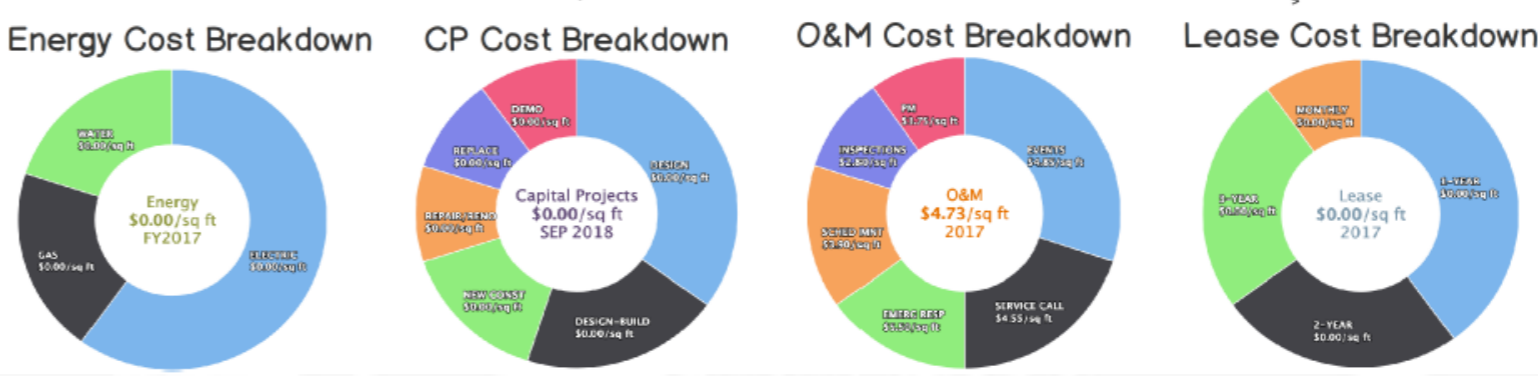
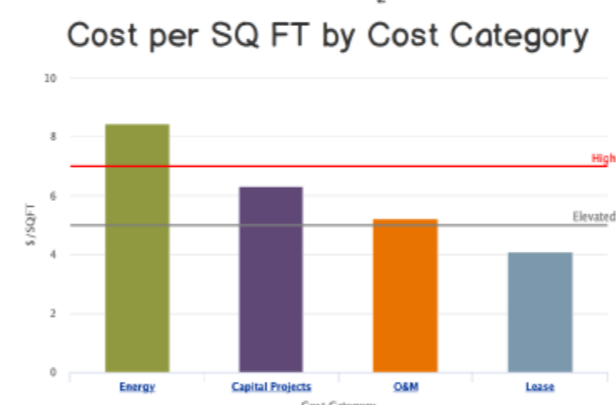
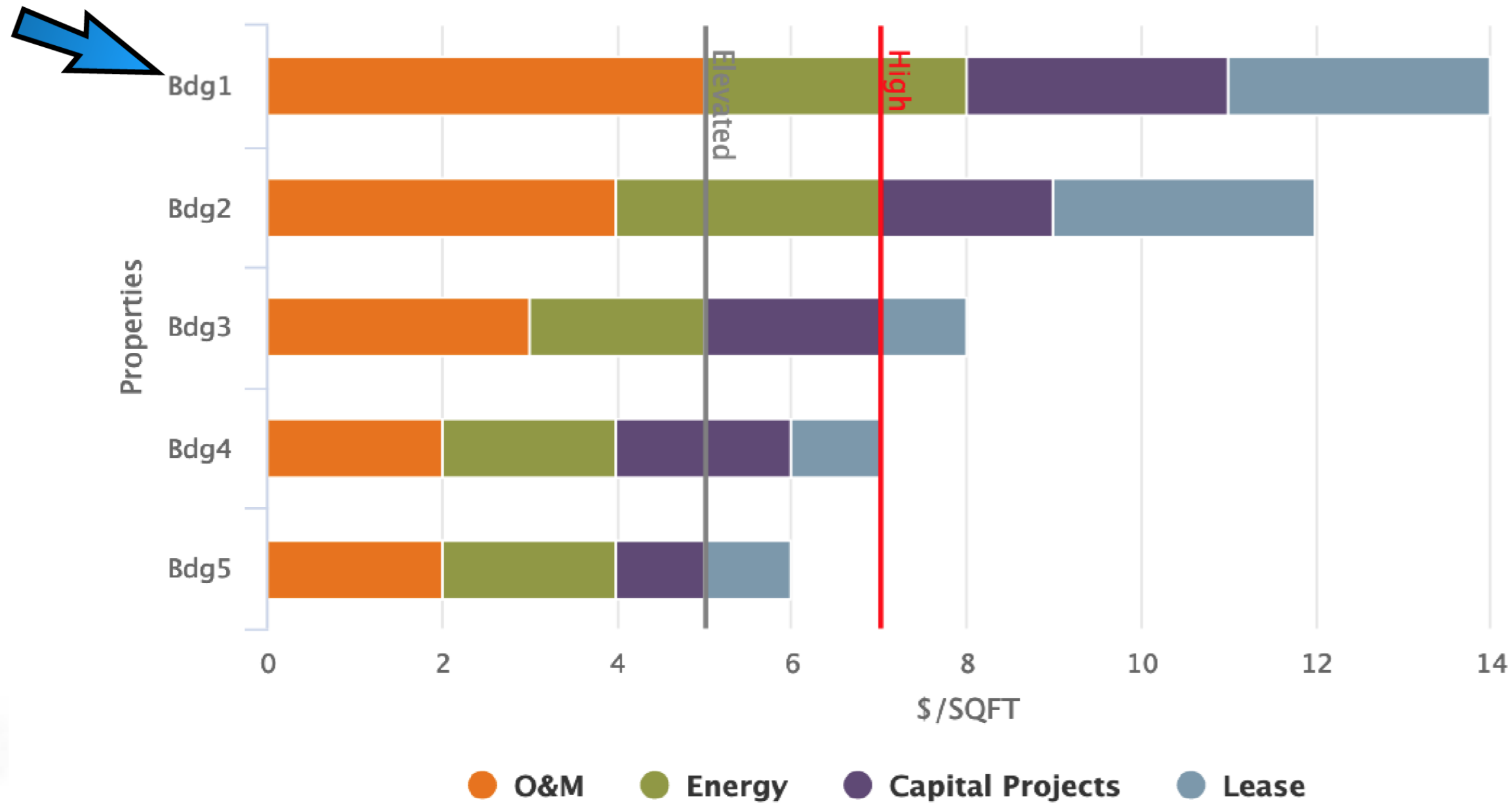


Total Cost Per SQFT

Property

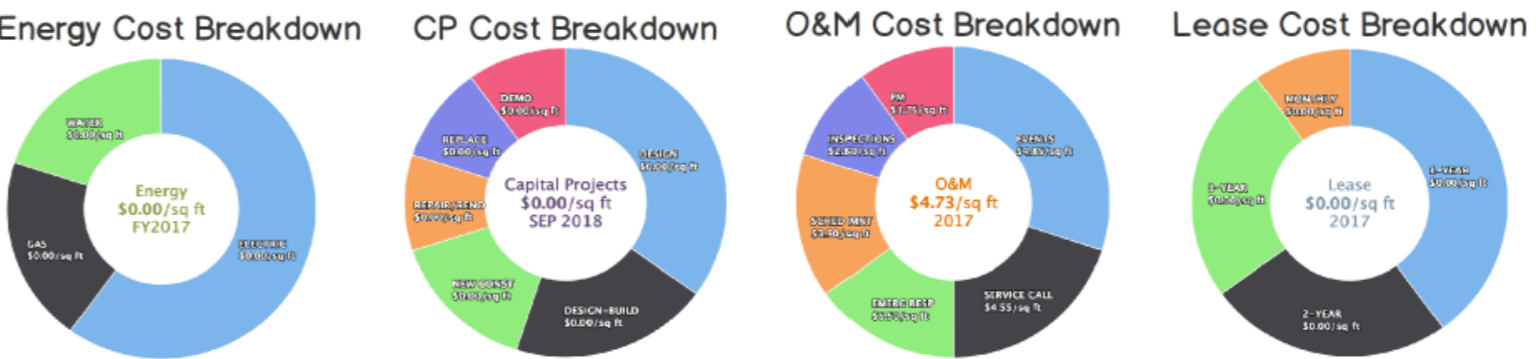
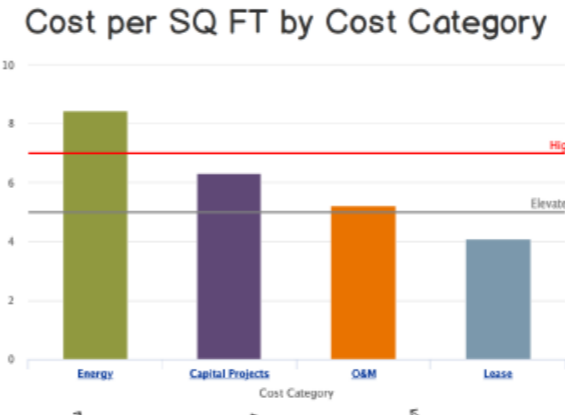
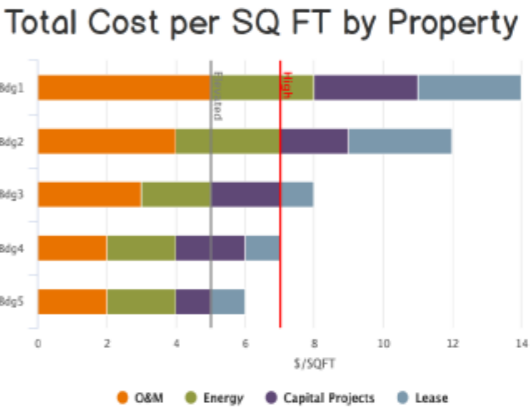
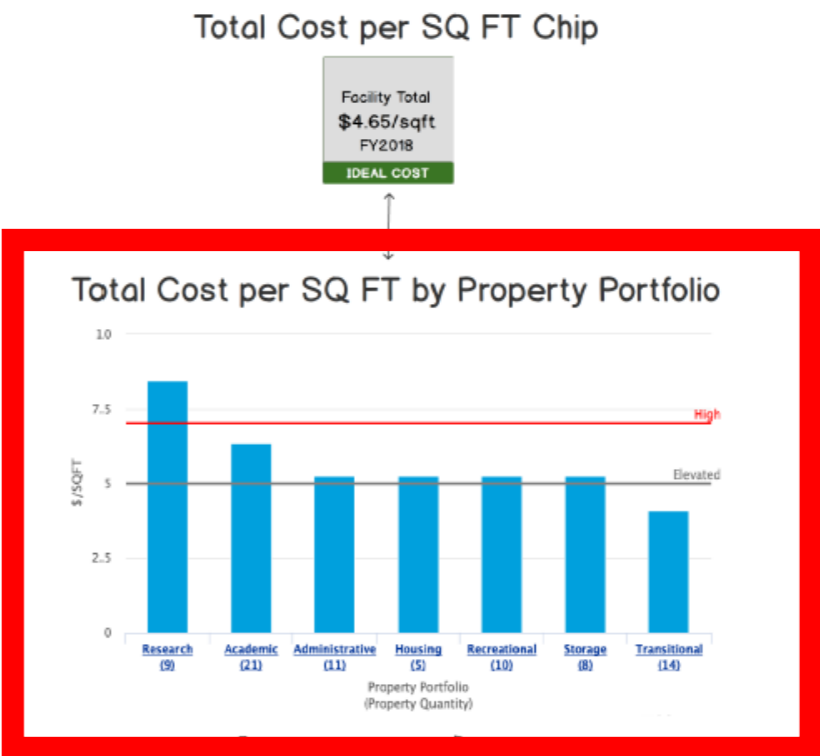
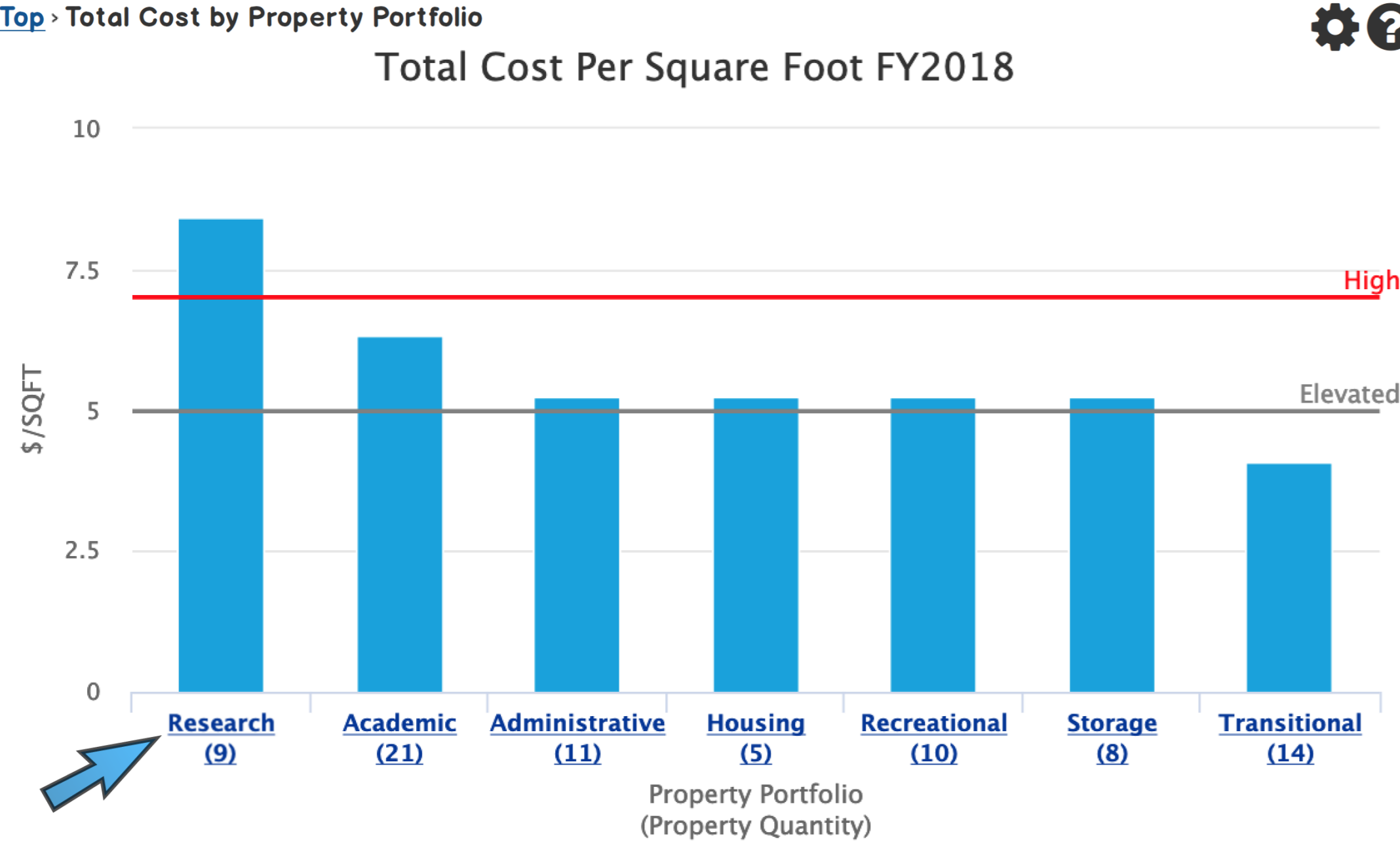
[Top](#) > [Total Cost by Property Portfolio](#) > Total Cost by Property

Research Total Property Cost Per SQFT FY2017



Total Cost Per SQFT

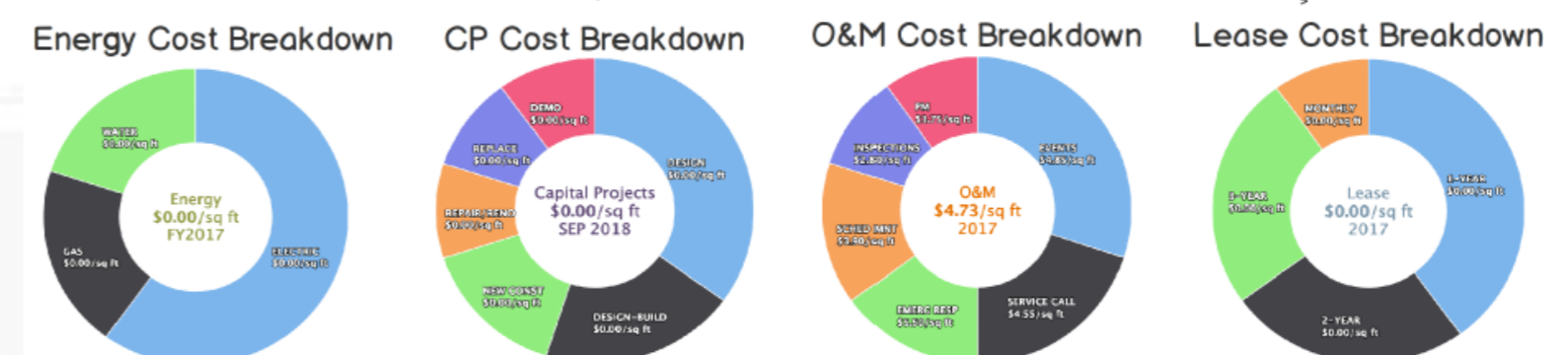
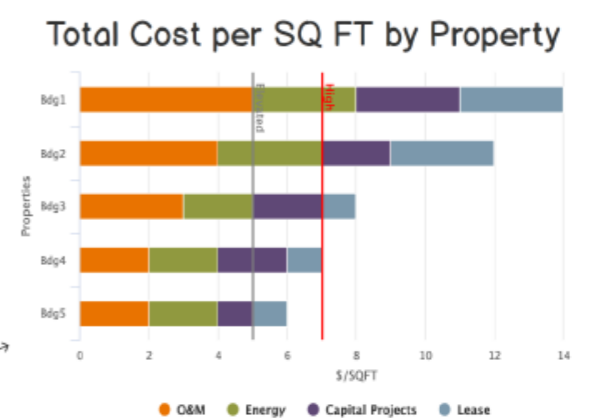
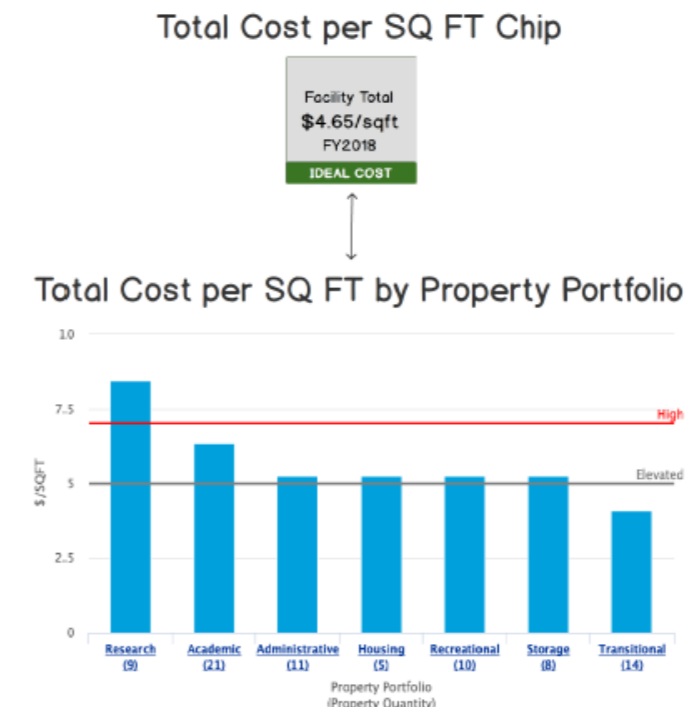
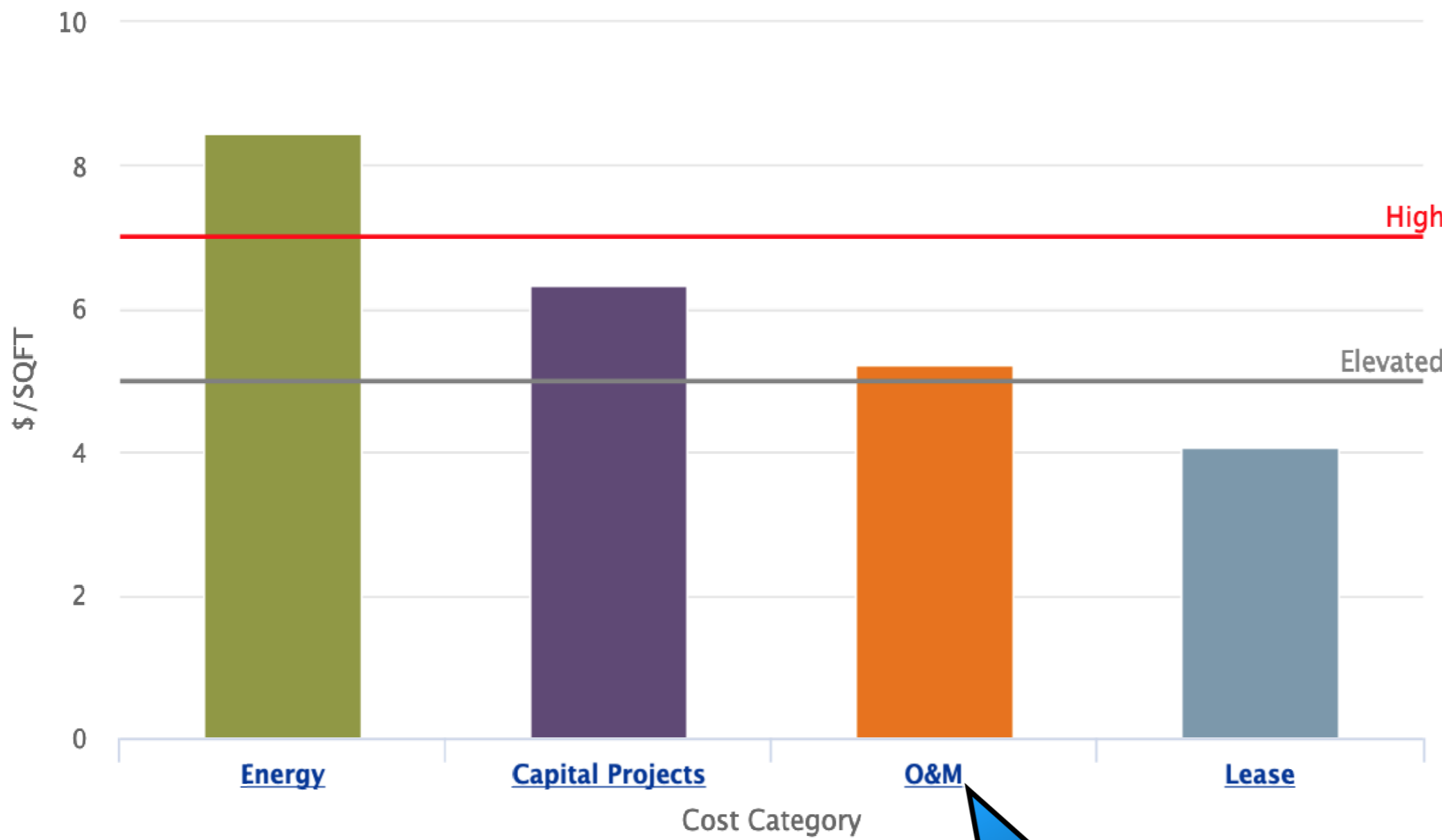
Property Portfolio



Total Cost Per SQFT

Cost Category

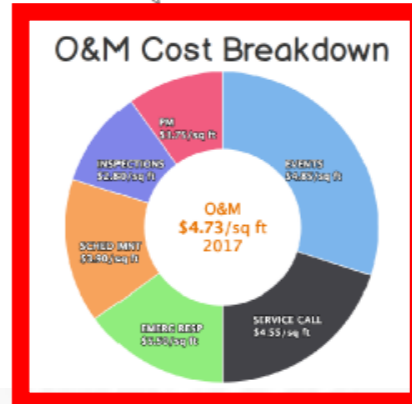
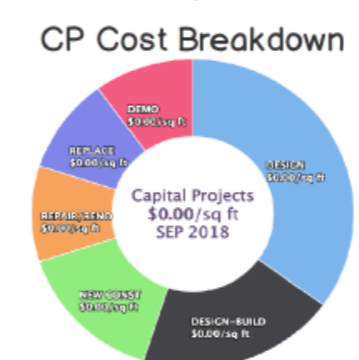
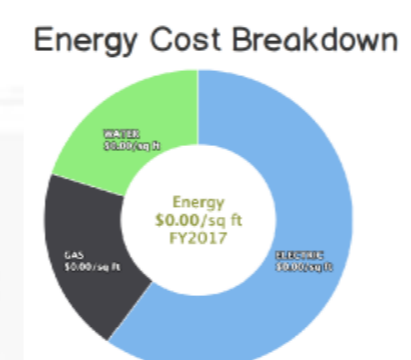
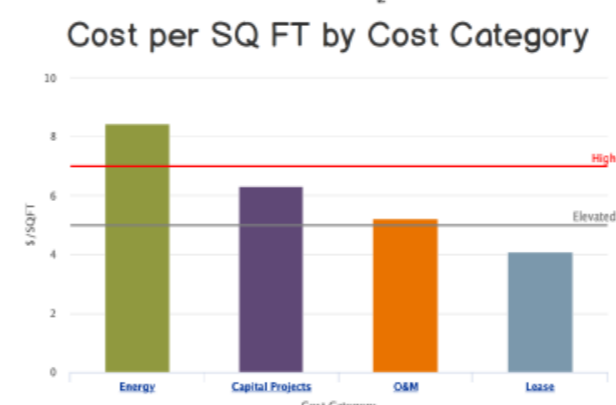
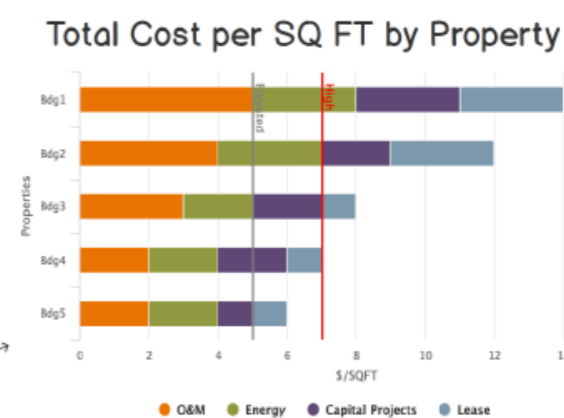
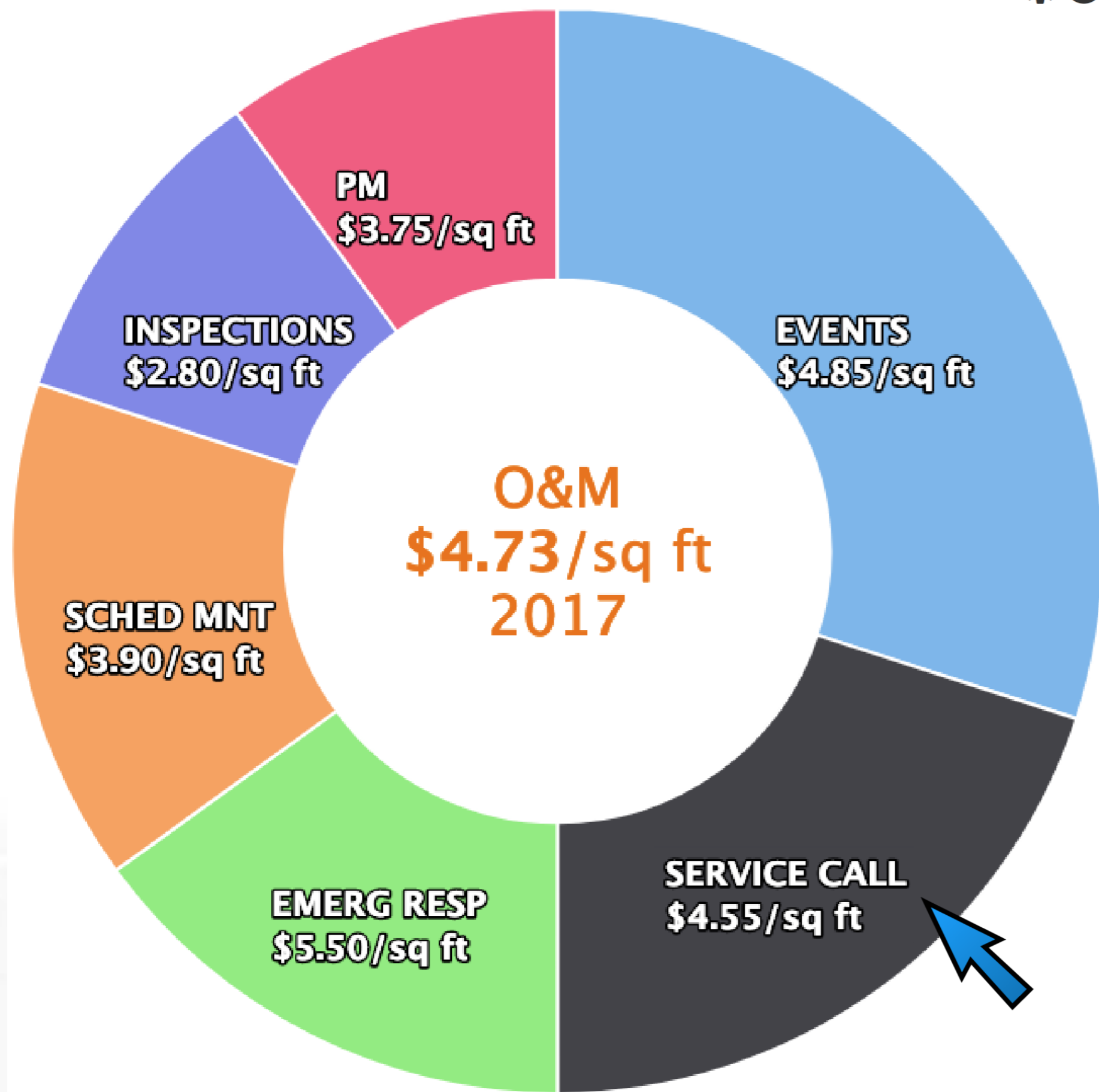
[Top](#) > [Total Cost by Property Portfolio](#) > [Total Cost by Cost Category](#)
 Research Cost Per Square Foot FY2017



Total Cost Per SQFT

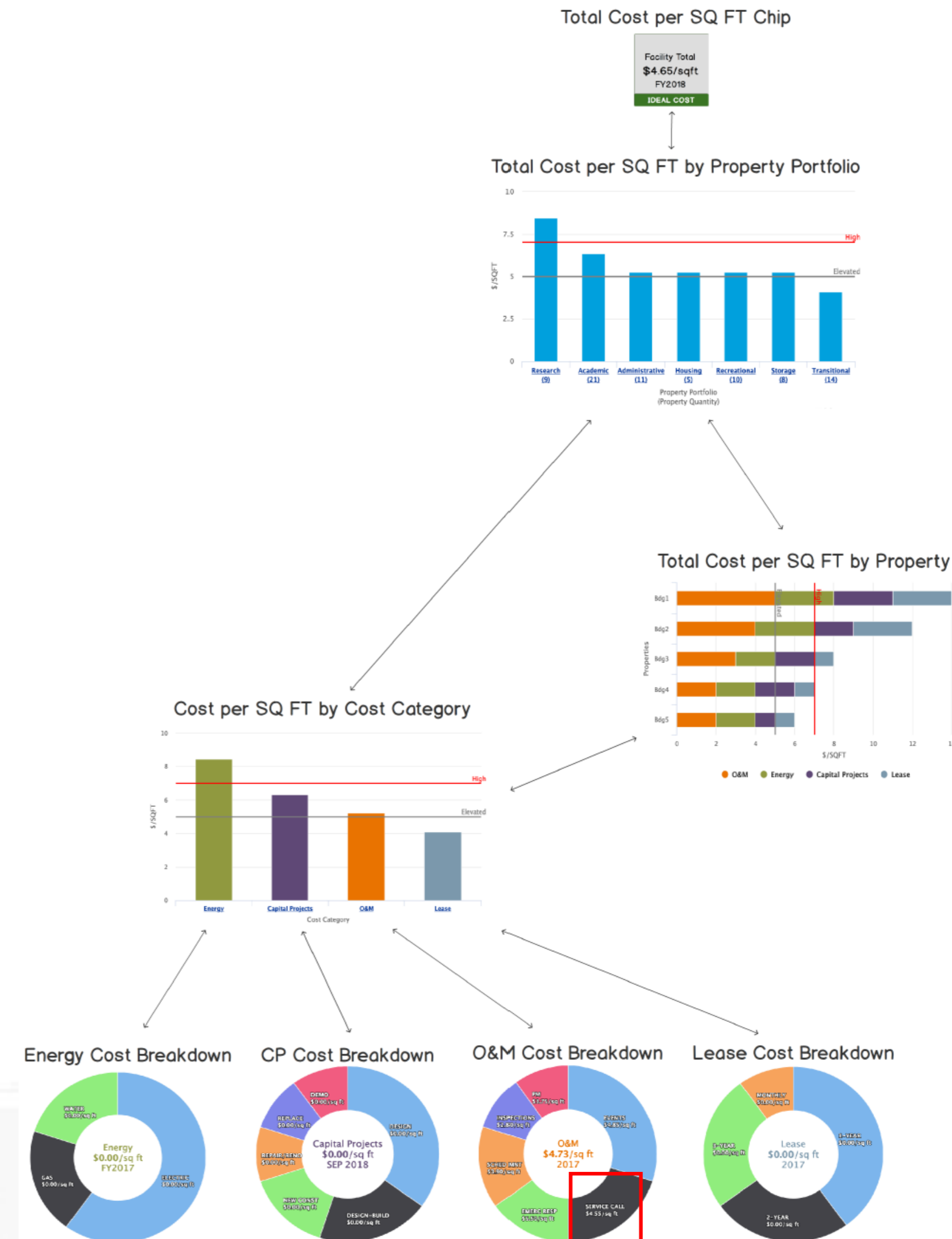
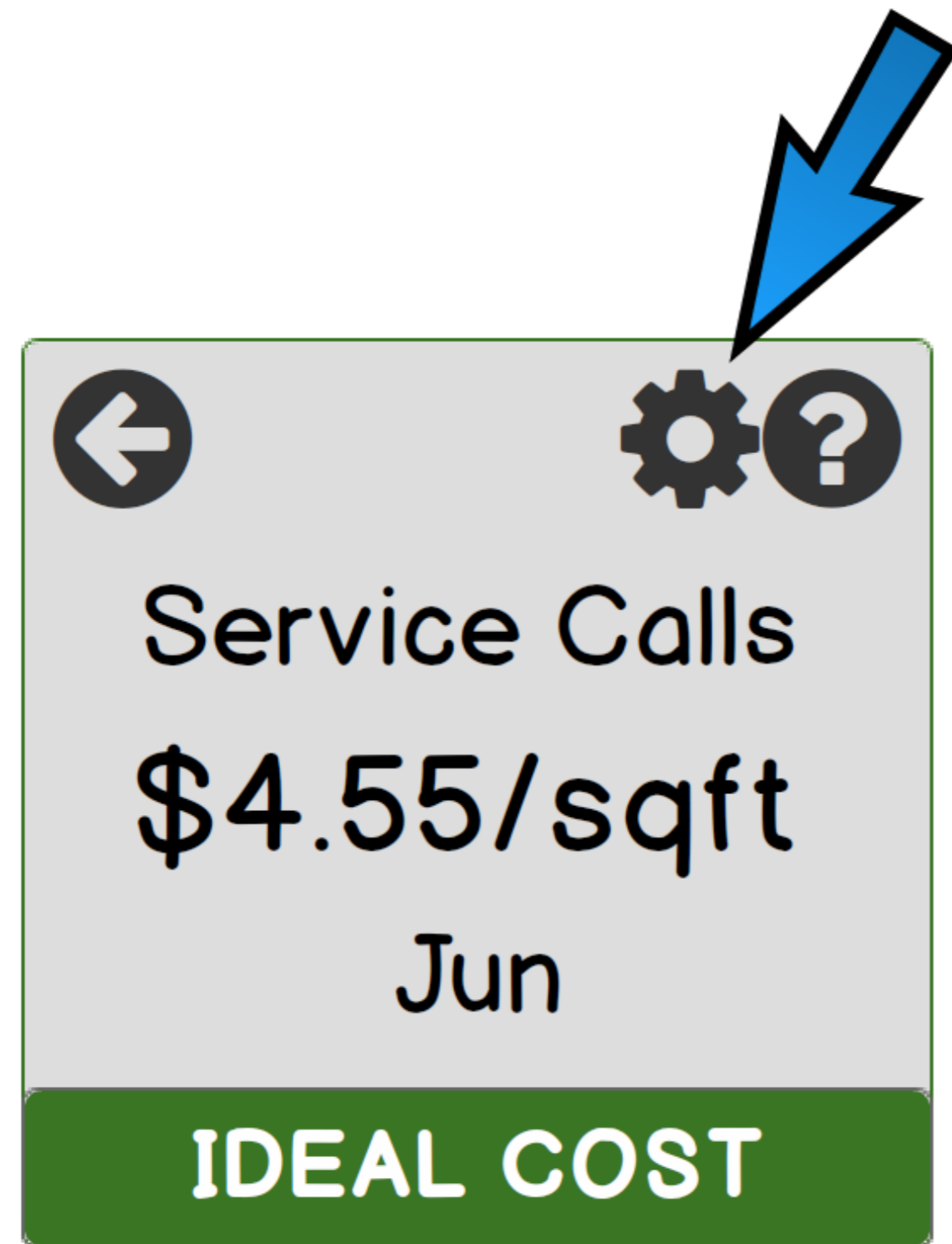
O&M (Cost Category)

[Top](#) > [Total Cost by Property Portfolio](#) > [Total Cost by Cost Category](#) > Cost Category Breakdown  



Total Cost Per SQFT

Service Calls (O&M Cost Item)



Total Cost Per SQFT

Service Calls (O&M Cost Item)

Description

Operations and Maintenance service calls cost per sq ft for a custom date range.

Name

Property Portfolio

Region

Facility

Property

Shop

Cost Category

O&M

Cost Group

Work Category

Cost Item

Service Calls

Time Period

Custom

Start Date

06/01/2018

End Date

06/30/2018

Target Enable

On

High Cost Level

7.00

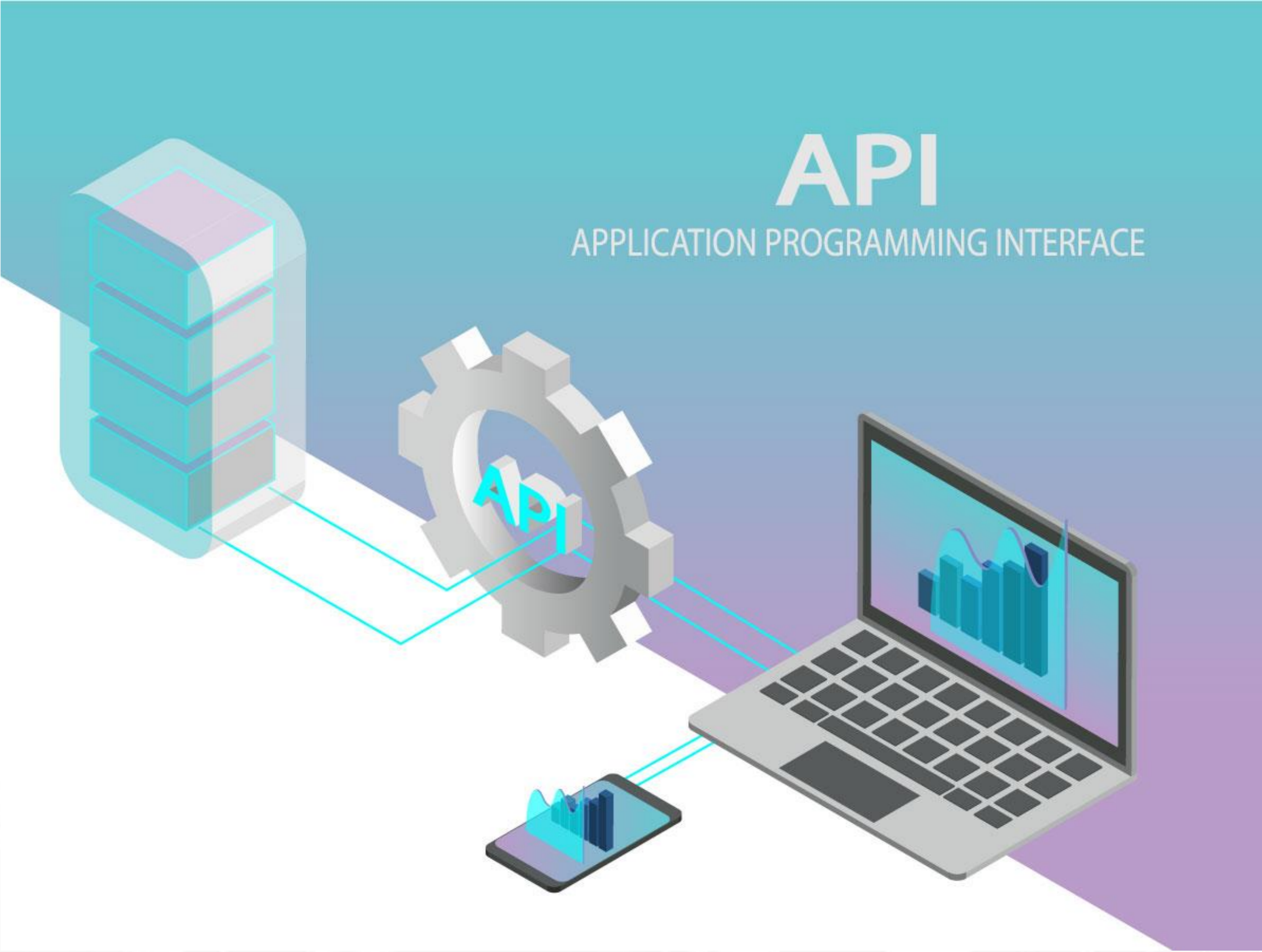
Ideal Cost Level

5.00

Service Calls
\$4.55/sqft
Jun
IDEAL COST



O&M Cost per SQFT REST API



O&M Cost per Square Foot REST API

URL for metric data

API Features

- All data access of metric.
- All configuration of metric.
- Flexible data visualization.
- Authentication

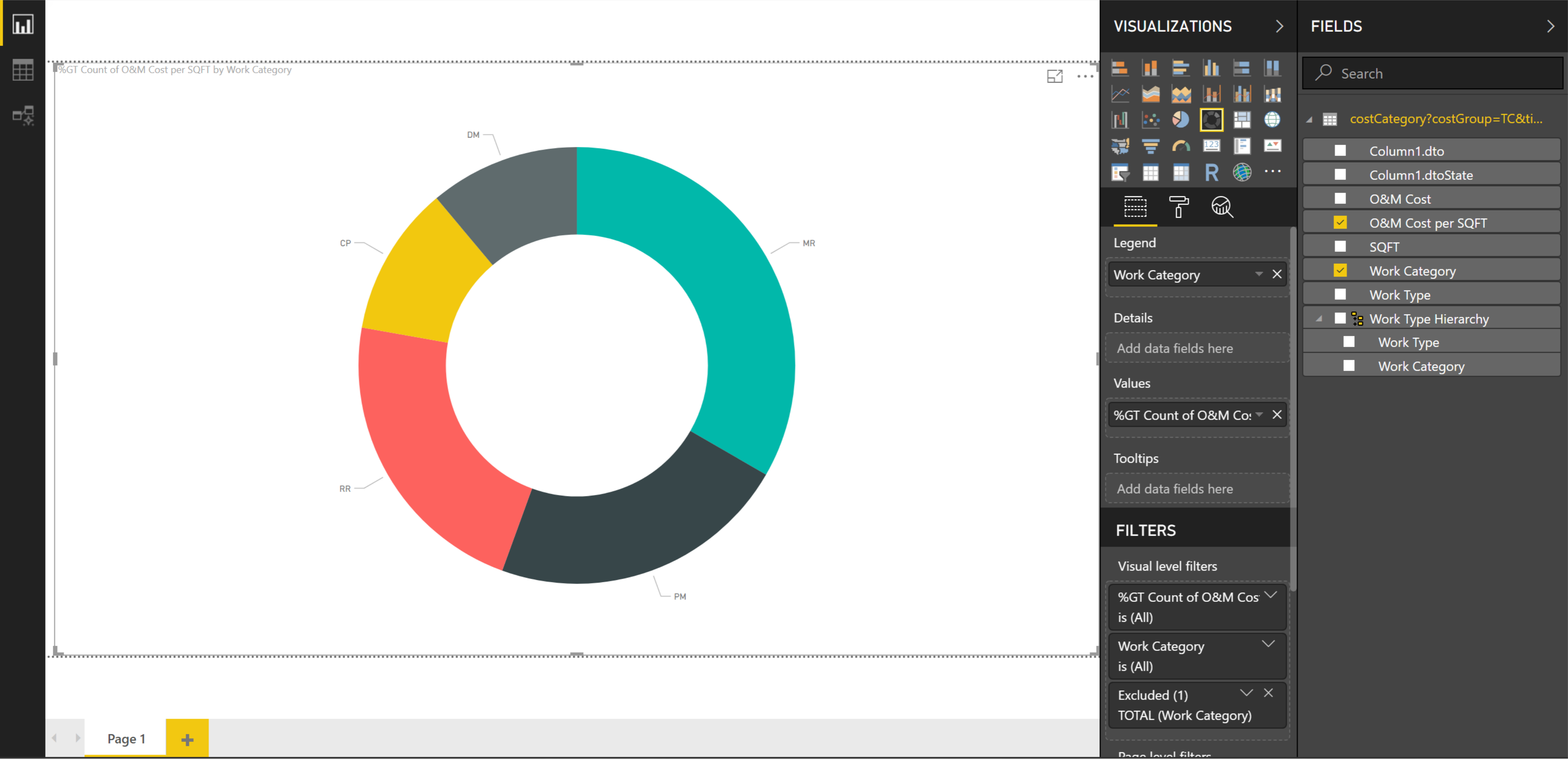
GET



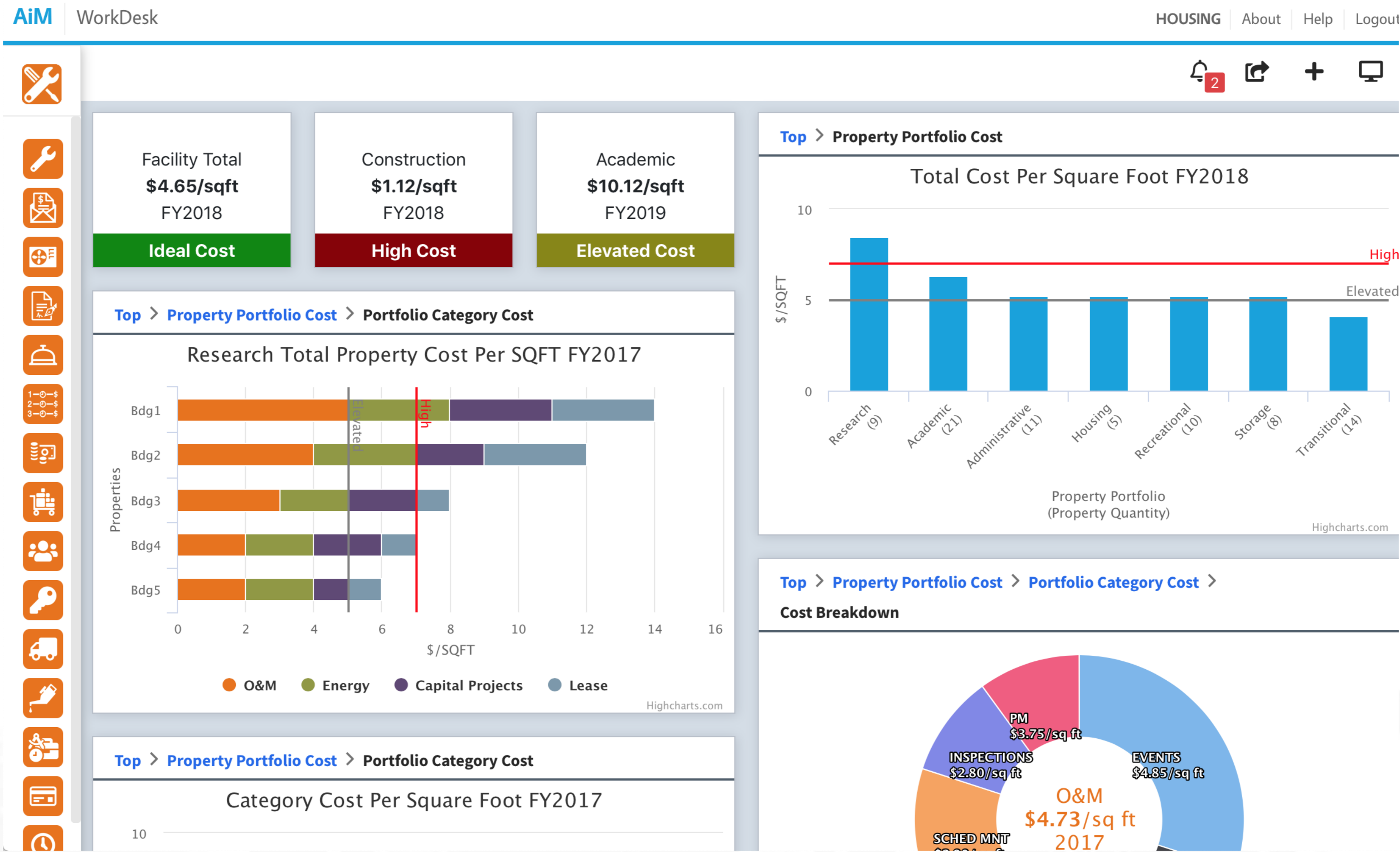
http://rd-vm-wild:8080/fmax/api/v1/mtm/costPerSqft/om/costCategory?costGroup=TC&timePeriod=PY

O&M Cost per Square Foot REST API

Costs by Work Category (Power BI)



Metrics in AiM





Thank You!

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