

GARDIAN[®]

Building knowledge

3-Step Prep for Mitigating Risk in the Wake of Disaster



FIRE LINE DO NOT CROSS

Agenda

- **Vulnerabilities**
- **Step 1: Mitigating Risks Through Analytics**
- **Step 2: Empowering the Plan**
- **Step 3: Project Delivery**
- **Recap**

Presenter



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Vulnerabilities

A Dialogue

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Risk and Reward

Risk

- Risk to Life
- Risk to Business Continuity
- Risk to Reputation



Reward

- Operational Sustainability
- Program Resiliency
- Lowest Cost Solution Overall
- Growth of Trust Capital





Defining Risk: Portfolio Transparency

What are the biggest challenges to assure constancy and consistency of operations?



Expediting Response Service Recovery

What are the biggest challenges to minimizing service failures and outages?



Controlling Costs

What issues specific to emergency project budgets are the most common?



Quality

How do you ensure high quality work is being done and shortcuts are avoided during recovery activities?



Step 1:
Mitigating
Risks Through
Analytics



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The Value of Knowing

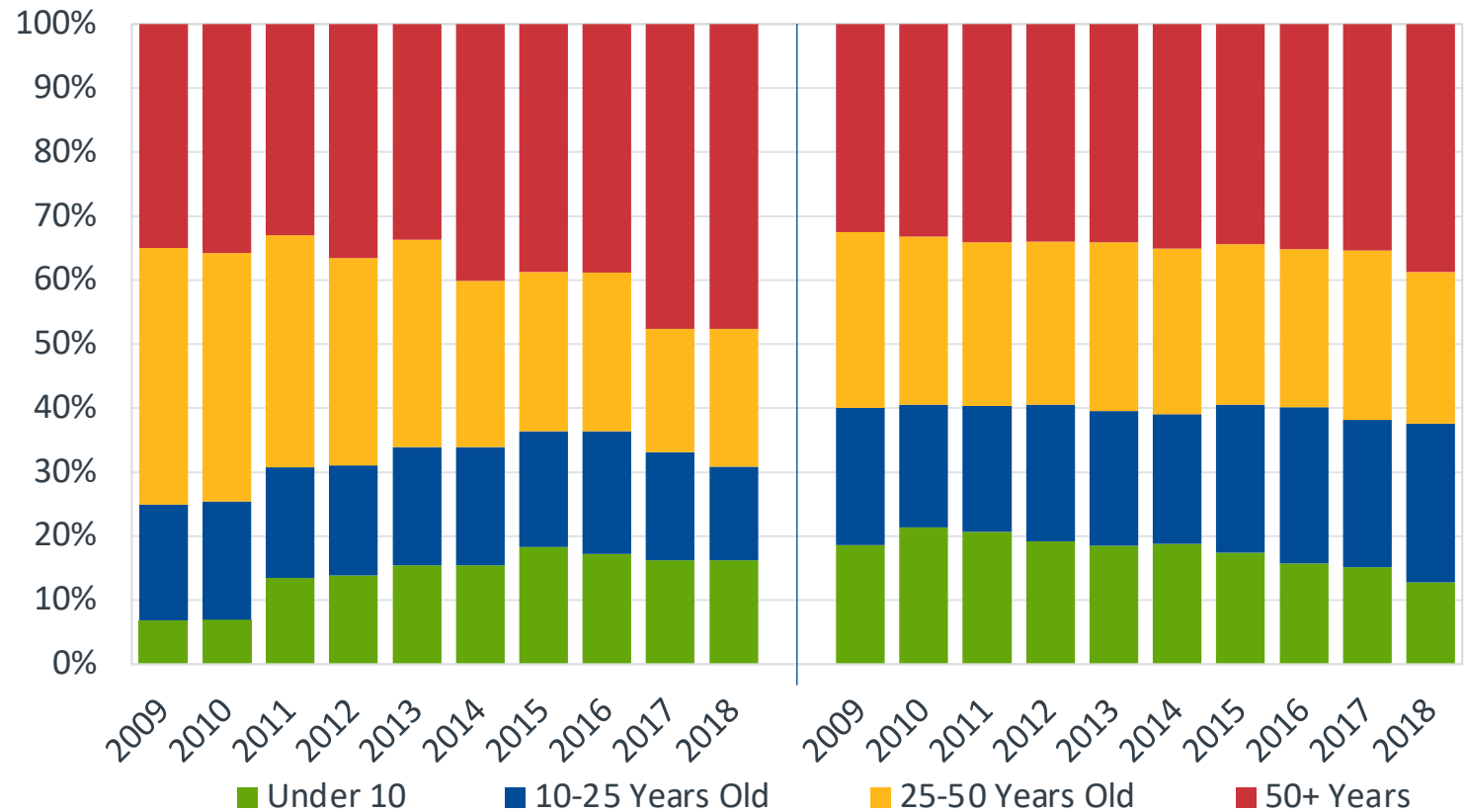
Learning What's at Stake

- Prioritizing Risk
- Defining the Problem
 - What can & can't be done
 - What is the most responsible

Telling the Story

- In terms of Risk to Life
- In terms of Risk to Business
- In terms of Risk to Reputation

Renovation Age Categories





Facility Assessments

How can you mitigate risks and vulnerabilities to get a head start?

What is the value of facility assessments?



Identifying Vulnerabilities

Capturing all internal knowledge through facilities management interviews to validate assessments. Facilities staff know the rest of the story.

What is the value of validation?



Building Portfolios

Associating recommendations into functional groups assures effective project prioritization.

What is the value of consensus building?



Senior Executive and Board Presentations

Assuring consensus at the executive level and validating their understanding of the risks they manage within the institution.

What is the value of grouping projects?

Step 2: Empowering The Plan

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Step 2 – Gaining Consensus

A Compelling Story

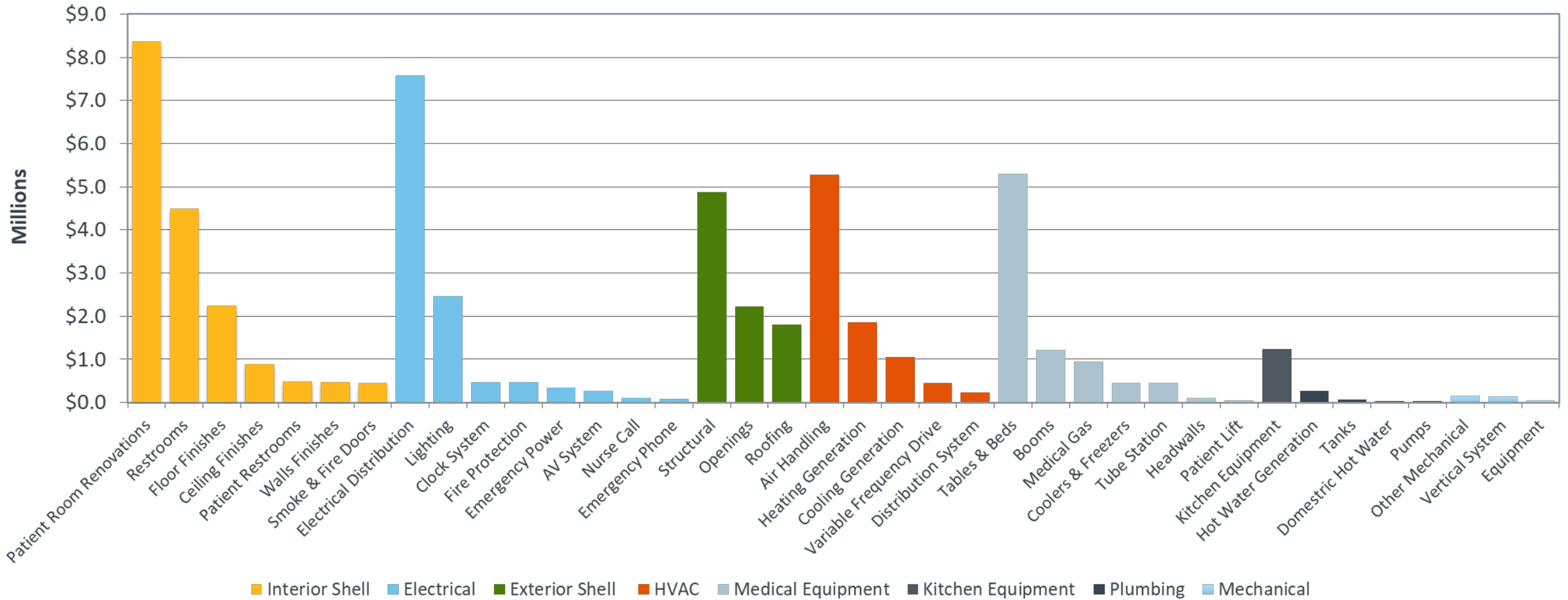
- The Assessment Says
- Aligned with the Missions
- Net Asset Value - % good

Defines Priorities

- By Risk to Business
- By Regulatory Issues
- Addresses Sustainability
- Multiple Year Investment View

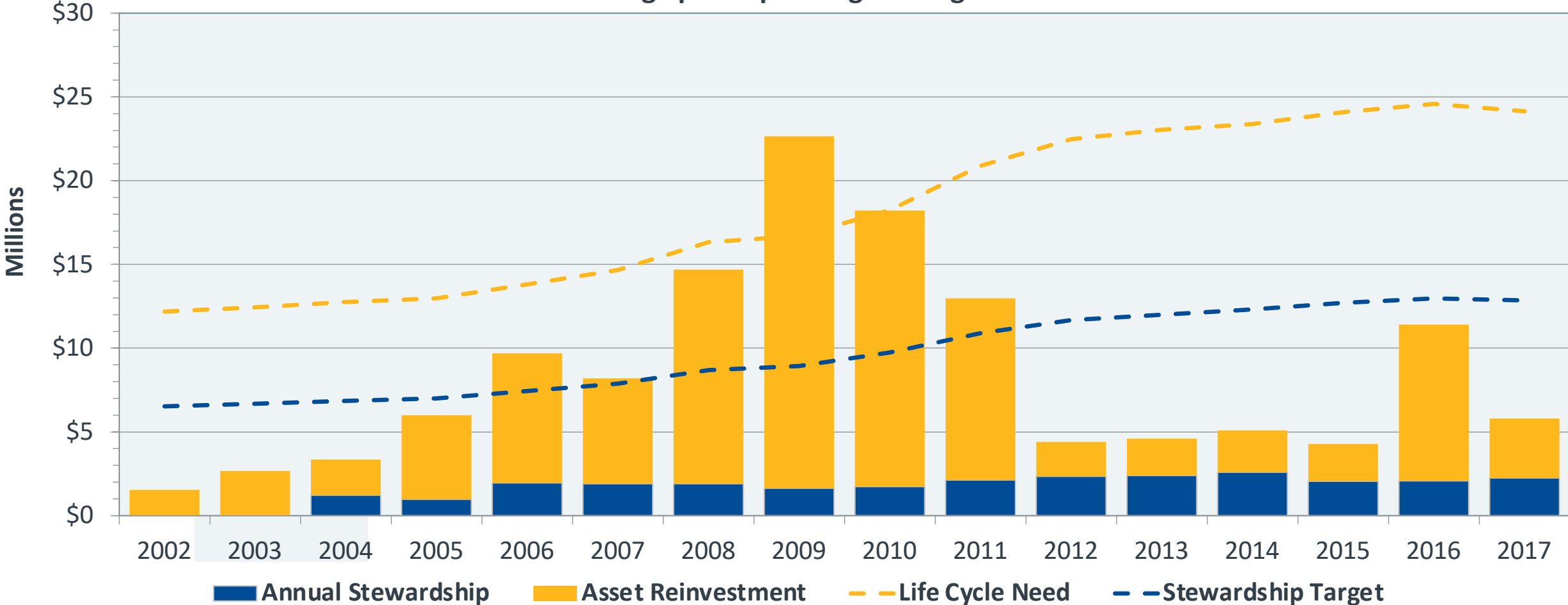
A Compelling Story

Identified 10-Year Need

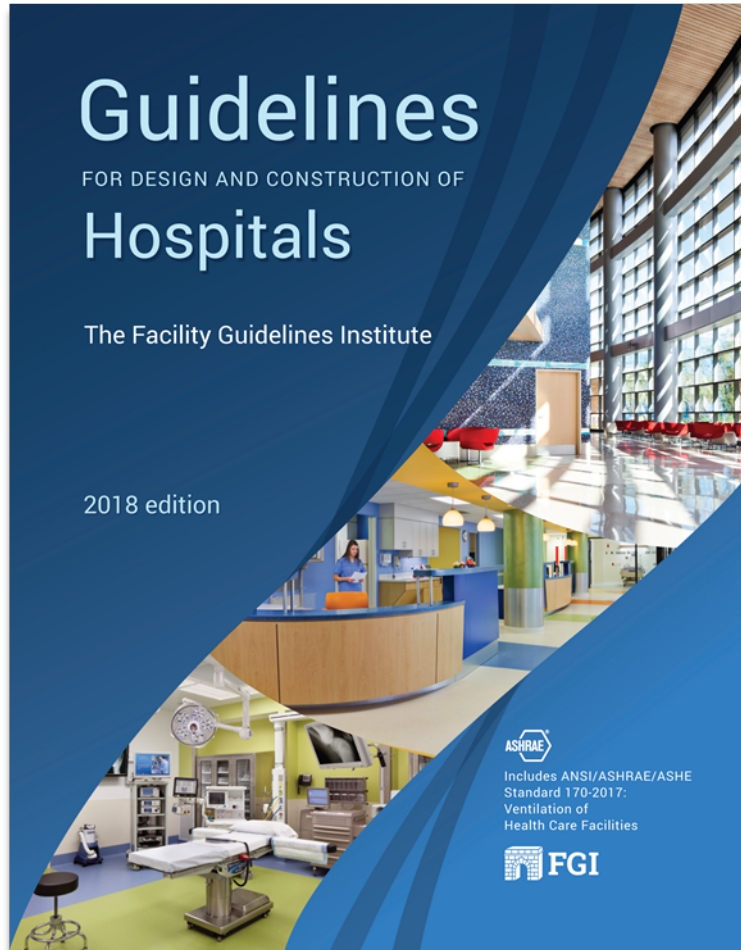


Net Asset Value Index - % Good in Portfolio

Existing Space Spending vs. Targets



Guideline-Friendly

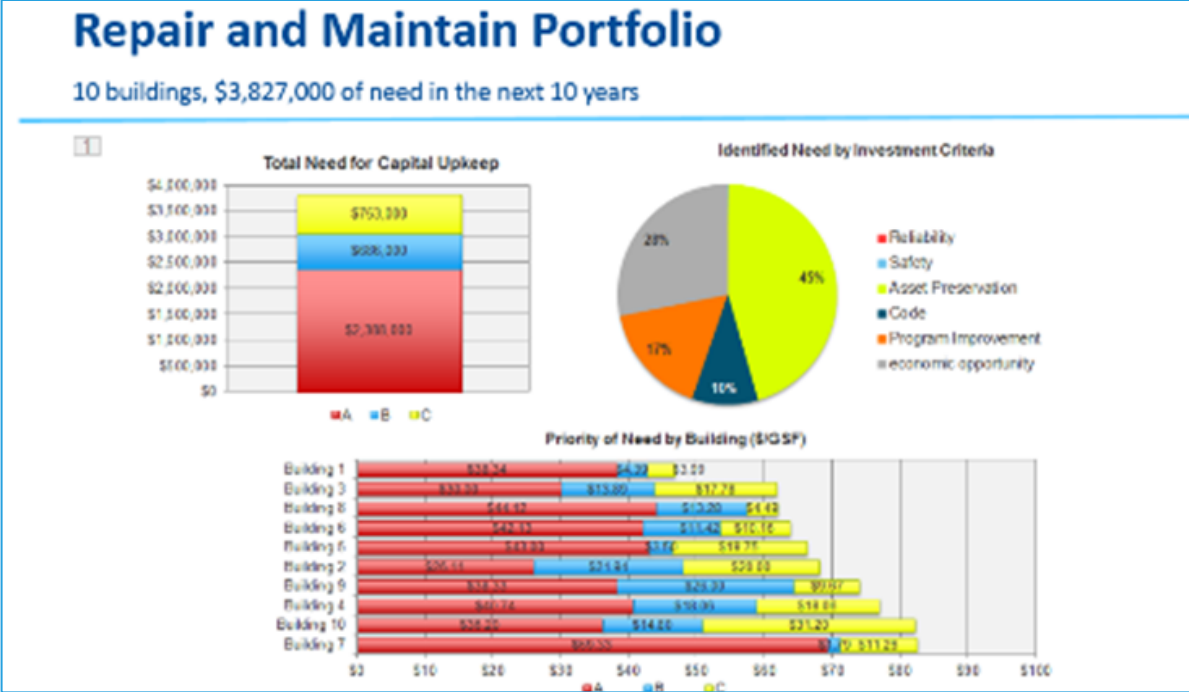


Assessments can follow FGI
guidelines

Not a substitute for a regulatory
and compliance review

Investment Grade Presentation

- Compel stakeholders to act
- Tell your facilities story with clear, stark visuals
- Show where you are and how you'll fix it



Step 3: Project Delivery Methods

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Choosing a Procurement Method



Value-based Construction (VBC) Definition

**Indefinite
delivery/indefinite
quantity (IDIQ)
contract**

**Helps owners
complete a large
number of
individual projects
with a single,
competitively-
awarded contract**

**Tasks are based
on guaranteed,
preset costs**



Time Management and Project Execution

What advantage does VBC
provide for project execution and
tight timelines?



Cost Control and Transparency

How can VBC help you deal with unforeseen circumstances?



Infrastructure Resiliency

Can you use VBC for deferred maintenance and
worsening situations?

Benefits of VBC

Faster response time

Preset costs eliminate negotiations

Improved quality of work

Fully transparent process

Infrastructure resiliency

Practical Application: A Dialogue

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Recap

Step 1: Assessments – Value of Knowing

Step 2: Gaining Consensus – Telling a Compelling Story

Step 3: Cost-Effective Construction Project Delivery

Q&A

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