



Develop and Execute a Facilities Master Plan

MASA Panel

Life Is On

Schneider
Electric

AGENDA

Today we will hear from panel of experienced educational professionals who've mastered the art of developing a clear vision for executing their district's facilities master plans, delivering new buildings, additions, renovations, and existing infrastructure upgrades through various implementation models.



Introduction



Developing a Facilities
Master Plan



Delivering & Communicating
your Plan



Open Q&A

Meet the Panel

Moderators



Peter Hinkle
Program Manager
Schneider Electric



Hannah White
Program Manager
Schneider Electric

Panelists



Dr. Kenny Rodriquez
Superintendent
Grandview C-4 School District



Dr. Jon Isaacson
Superintendent
Hillsboro R-3 School District



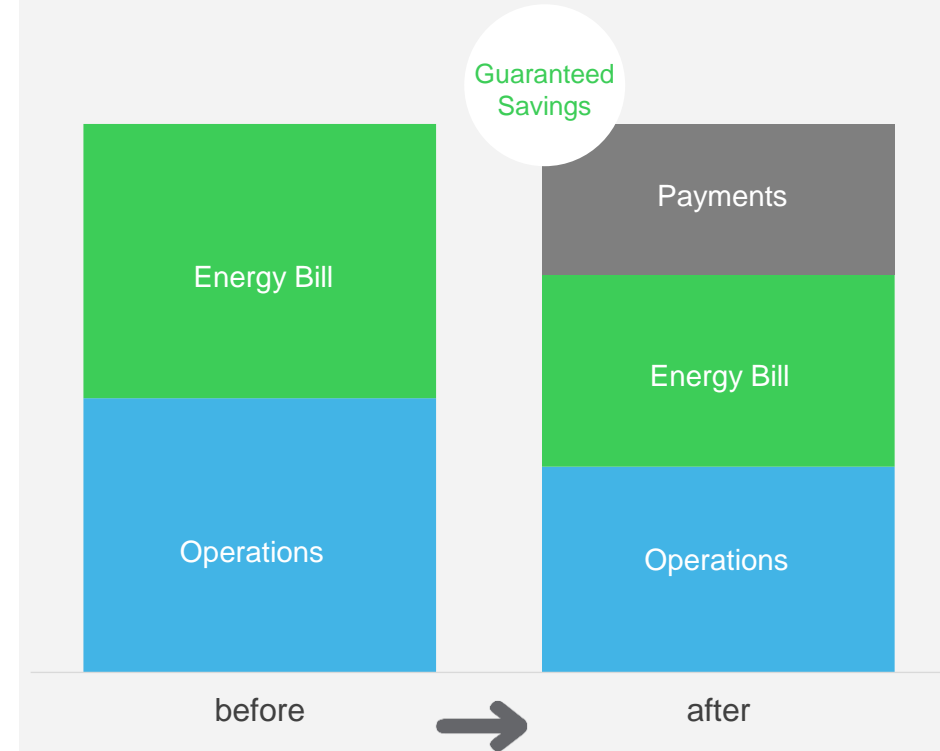
Dr. Robert Sigrist
Assistant Superintendent for
Business and Operations
St. Joseph School District

Strategically Reinvest Existing Expenditures

Business Funding Model

Payments are reallocated towards comprehensive improvements:

- HVAC solutions
- Lighting technology upgrades
- IT energy & asset solutions
- Integrated building automation
- Security infrastructure
- Water conservation solutions
- Renewable energy
- Telecommunications
- Utility rate negotiation



Create a revenue stream:

Reallocate 10 - 20% of energy expenditures back into your priorities to fund needed facility improvements



Automate savings through energy efficiency upgrades and technology



One company to design, build and guarantee long-term performance



Track Success: Schneider Electric guarantees annual savings for up to 15 years, providing regular progress reports, annual reconciliation and energy dashboards

Facilities Master Plan Overview

What is a Facilities Master Plan?

- › A comprehensive blueprint that outlines the **long-term needs and strategies** to address a school district's **physical infrastructure**. It serves as a roadmap for maintaining, renovating, and constructing school buildings to meet the district's **educational goals** and **community expectations**.

Why is it needed?

- › A school district needs a facilities master plan to ensure that its physical infrastructure **aligns with its educational goals** and **effectively serves the needs of its students and community**.

Key Components



Assessment Of Existing Facilities:

- Utilization,
- Code Compliance,
- Condition Assessment



Educational Goals And Needs:

- Curriculum Alignment,
- Enrollment Projections
- Technology Integration



Community Input:

- Stakeholder Engagement
- Public Meetings



Financial Analysis:

- Cost Estimation
- Funding Strategies



Facility Development Plan:

- Prioritization
- Timeline,
- Sustainability



Maintenance & Operations Plan:

- Preventative Maintenance
- Emergency Preparedness



Vision

Preparing all students to be future-ready.

Mission

Grandview C-4 is a community, preparing students for life after high school with the skills needed to live a life through passion and purpose for the greater good of the communities they impact.

INVESTING IN EDUCATION

CREATE
FUTURE

SAFETY &
SECURITY

ES & MS
RENOVATIONS

HS FACILITY

TECHNOLOGY

WAREHOUSE
AND COLD
STORAGE
FACILITY

HVAC UPGRADES



Hillsboro R-3 School District

Our Motto

“Together, we educate and inspire the learners of today and the leaders of tomorrow.”

District Philosophy

Educating the youth of the Hillsboro community is paramount to the overall success of our community, now and into the future. We recognize the significant responsibility of this endeavor and accept it with pride.

Strategic Planning Process

Discovery

Visioning

Implementation

Approval /
Launch

Key Pillars & Priority Areas

Academics

Teaching & Learning

The 3 C's

Culture. Climate.
Communication.

Safety

Physical Plant &
Mental-Emotional-Social

Leadership & Governance

Lead From Where You
Are

Vision

Creating a Climate of Achievement in Partnership with an Engaged Community

Mission

Preparing Students for Success in a Complex and Changing World.

CONTINUOUS SCHOOL IMPROVEMENT PLAN HIGHLIGHTS FOR 2024 - 2025



TEACHER RETENTION AND RECRUITMENT

IMPROVING STUDENT PERFORMANCE

FACILITIES FOR LEARNING

Partners in Planning

These firms can be leveraged together or separately depending on your needs to help your district achieve desired results.



Energy Services Company

- Deferred maintenance & renovation solutions for existing infrastructure
- Design services for HVAC, lighting, solar, building automation, building envelope, plumbing, security, & technology
- Implementation & post-construction training & support
- Comprehensive funding & guaranteed savings performance



Architect

- Pre-design & design services for new buildings, additions & renovations
- Architectural services
- Bond planning support



Construction Firm

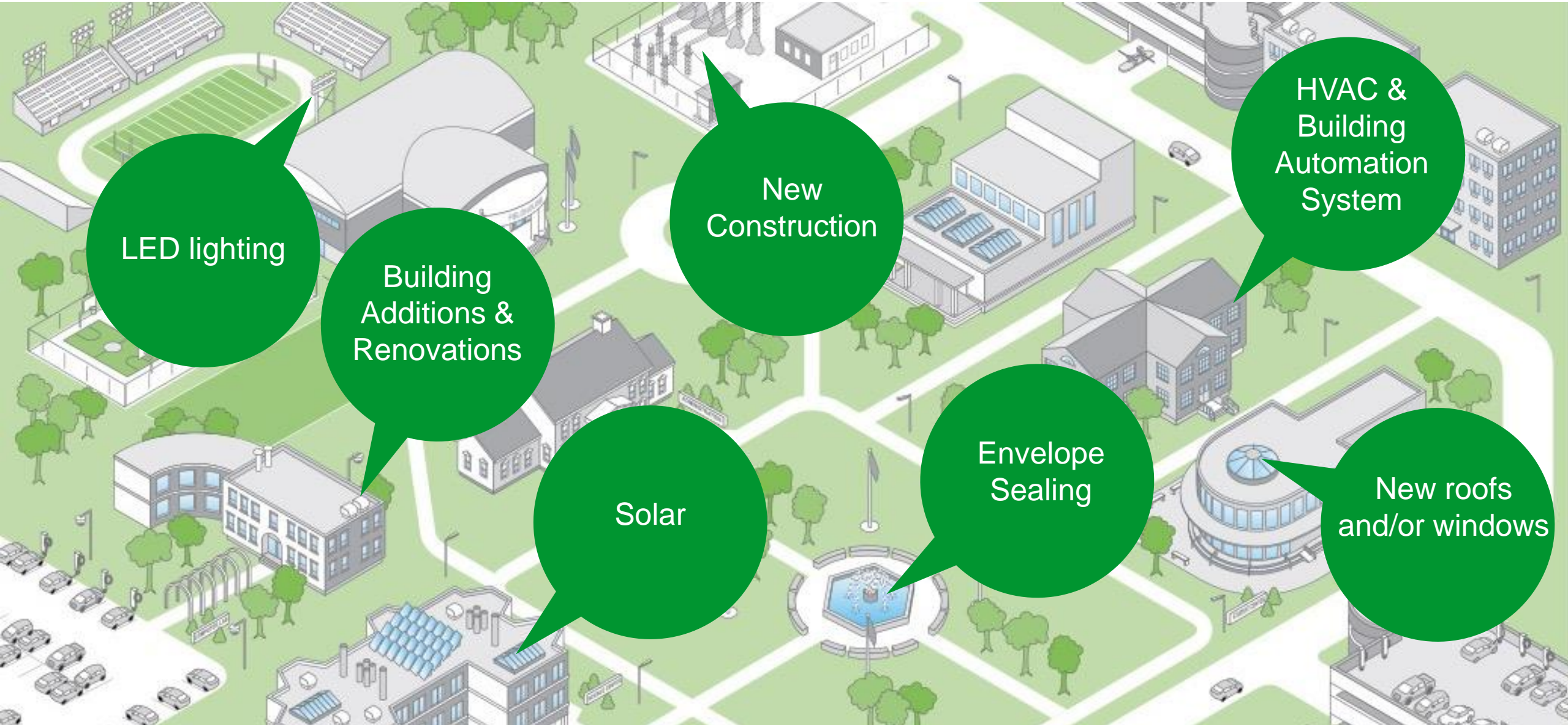
- Bid process management
- Budget & timeline adherence
- Subcontractor oversight & cost control
- Site safety, quality assurance & communication



Result

Three delivery models working separately or together to achieve your school district's master plan

Sustainable Initiatives – Existing and New Infrastructure



LED lighting

Building Additions & Renovations

Solar

New Construction

Envelope Sealing

HVAC & Building Automation System

New roofs and/or windows

Available Funding Opportunities



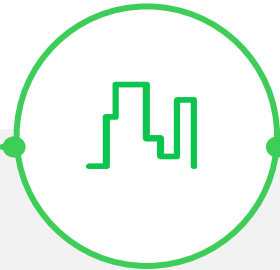
Traditional Funding

- Reallocate utility expenditures to pay for Fund 4 improvements
- Allocate bond funds to upgrades and renovations
- Utilize bond funds to pay for improvements



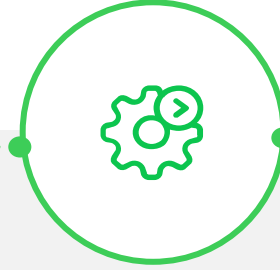
Tax Exempt Lease Purchase

- Work with district financial advisor to secure a TELP with the lowest interest rate available
- Utilize savings to help pay for the annual payment
- Terms can be 10-20 years



Missouri DNR Programs

- Audit Reimbursement Program
- Low Interest Energy Loan



Investment Tax Credit

- Solar implementation
- Geothermal implementation



TAX INCENTIVES (179-D)

- Tax deduction is available to owners of new or existing buildings who install (1) interior lighting; (2) a building envelope; or (3) heating, cooling, ventilation, or hot water systems that reduce the energy and power cost of the interior lighting, HVAC, and service hot water systems
- Up to \$5/SqFt

Questions?



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