Sustainable Energy Savings

Kristen Trovillion
Sustainability Coordinator
Dedicated funding for energy efficiency (or renewable) projects

“Capture” financial savings that would typically revert to general fund or be lost

Attractive to external funders

Demonstrate value of energy efficiency and your work

Fifth largest school district in Michigan

52 schools (62 buildings)

4.5 million square feet

17,000+ students

About 2,700 staff

Annual energy bills: $3.5 million
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**green school**

/grEn skül / n.

a school building or facility that creates a healthy environment that is conducive to learning while saving energy, resources and money
COMMUNITY PARTNERSHIPS

- Battle of the Buildings
- Grand Rapids 2030 District
- Consumers Energy GRF Pilot
**GREEN REVOLVING FUND**

1. Identify energy waste on campus

2. Finance efficiency project with Green Revolving Fund

3. Repay loan from energy savings, Reinvest new monetary savings

**FIGURE 1: Green Revolving Fund Capital Cycle**

Source: Sustainable Endowments Institute
Dedicated funding for energy efficiency (or renewable) projects

“Capture” financial savings

Attractive to external funders or additional investment

Demonstrate value of energy efficiency and your work
GRF - DESIGN

✓ Project Requirements
  ✓ Minimum ROI or payback period?

✓ Repayment Mechanism
  ✓ full repayment // repayment with interest
  ✓ immediate full repayment // phased repayment

✓ Measurement and Verification
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**GRF - LAUNCH**

- MI Saves Loan Program
- Consumers Energy Revolving Fund Pilot Incentives
- Consumers Energy Prescriptive Rebates
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- Demonstrate value of energy efficiency and your work
- Demonstrate process and benefits to district
- Expand fund size
- Bundle EE projects w/ varying paybacks

GRF - NEXT STEPS

✓ Demonstrate process and benefits to district
✓ Expand fund size
✓ Bundle EE projects w/ varying paybacks
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- Sustainable Endowments Institute
- Consumers Energy
- Michigan Saves
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