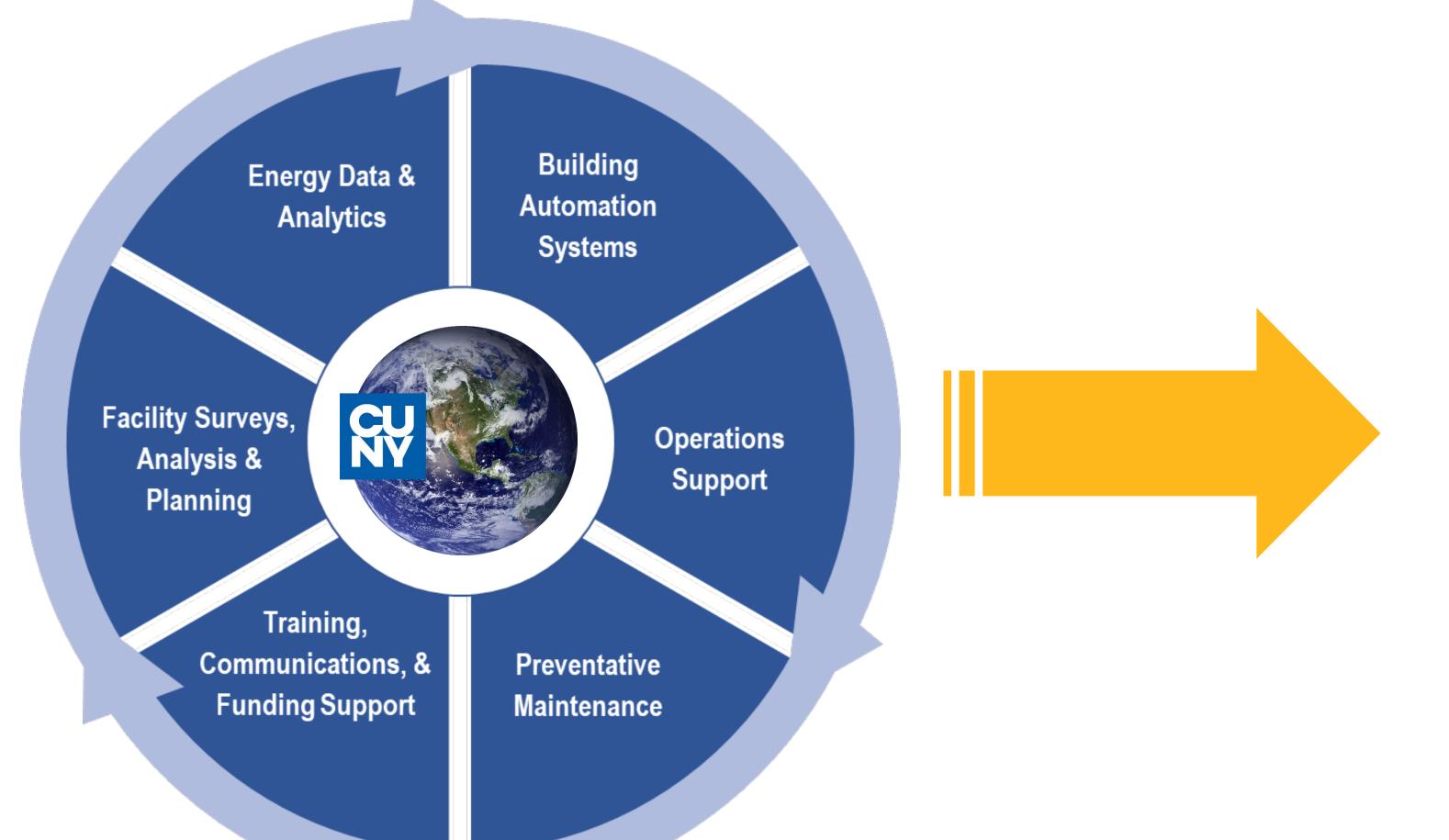




Office of Facilities Planning, Construction and Management CUNY Conserves O&M Program



Annual Savings on Energy Bills

Reduces Emissions

Protects Capital Investments

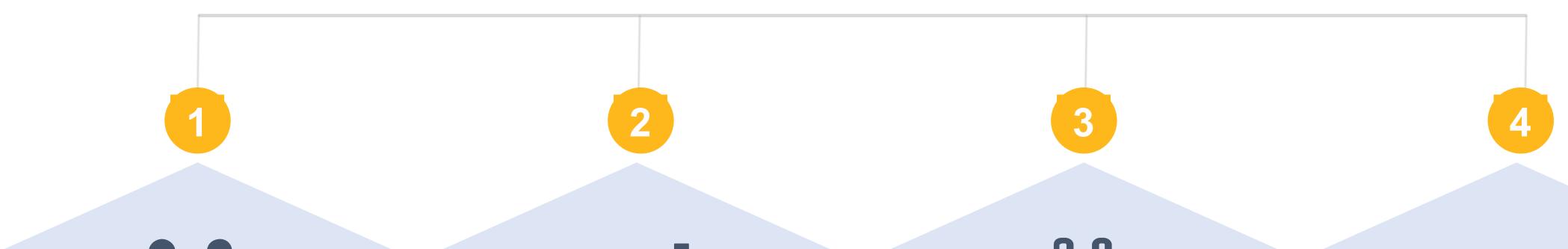
Leverages Investment

Supports COVID
Readiness,
improves quality
of Campuses



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Planning Methodology: Process





- Document collection
- Consolidate / categorize
- Campus staff review

Evaluation

- Eliminate overlap
- Address gaps in project data (cost & savings)
- Address interdependencies
- Add additional projects
- Project prioritization



Present

- Annual project planning
- Project selection
- Align with funding sources
- ExCEL
- DCAS Capital
- CUNY Capital



Future

- Quarterly project updates
- Additions & deletions
- Status
- Budgets
- Savings
- Actual energy data
- Annual project planning



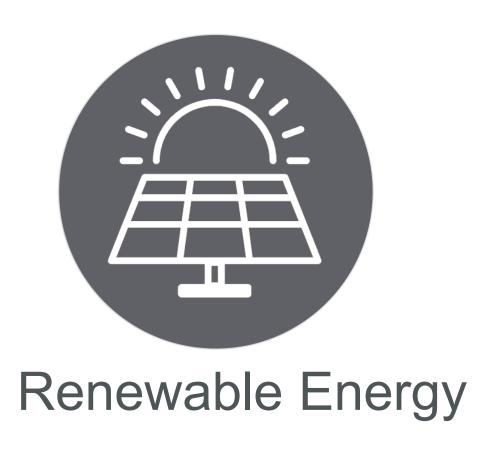
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Planning Methodology: System Buckets



















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Decarbonization Action Plan: Top Down Approach

Gap to Goal

Focus on greatest need

Go-Fast Programs

BAS, Metering, RCx, MBCx

Lighting & Controls

Efficiency Focused Programs

Smart Labs

Deep Repairs

Motors & Drives

Optimize End-of-life Replacements

> HVAC Systems

Windows & Roofs

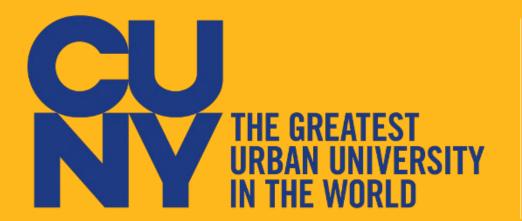
Electrification Roadmap

Buildings and Distribution

Heat-pumps and Heat-recovery Renewable Energy

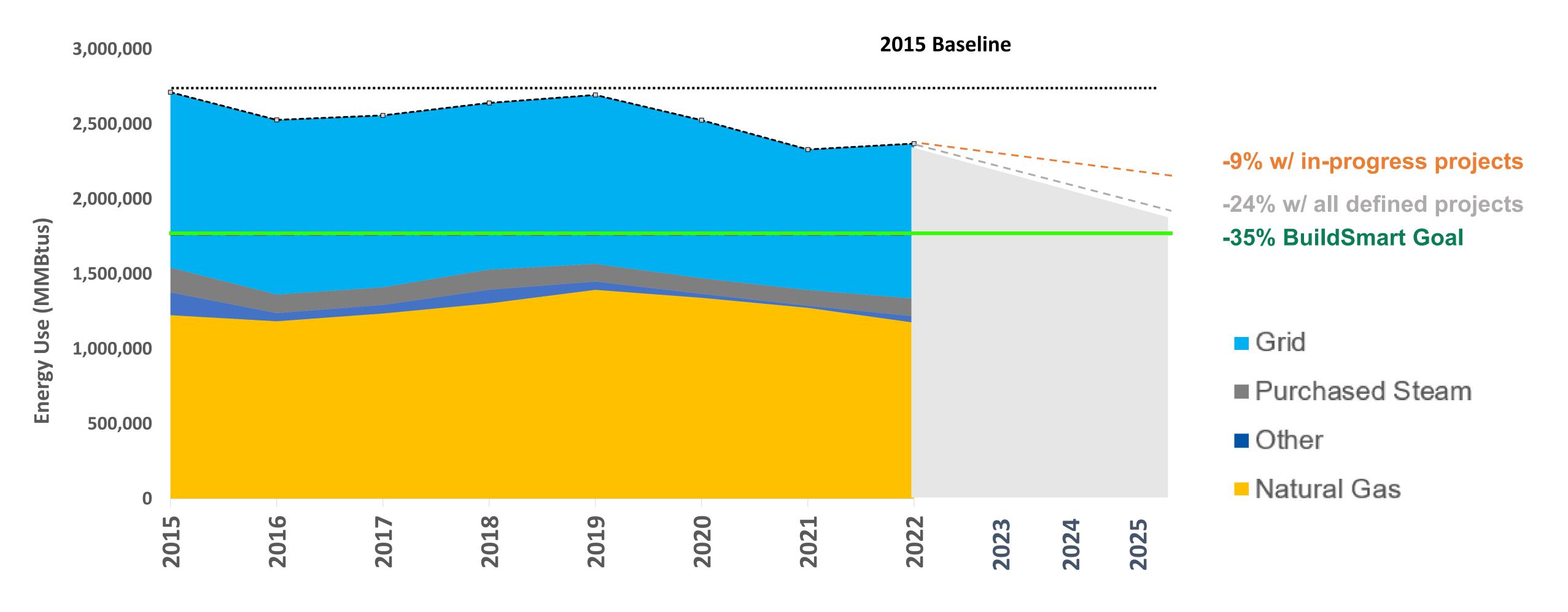
> Solar, Batteries, Microgrids

Renewable Thermal Technologies



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CUNY Energy Use: Where We Are Today?





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